MobileIron Cloud Customer Integration API Guide

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About this Guide

Introduction

This guide describes how to integrate your environment with MobileIron Cloud using the MobileIron Integration API. It is not intended to cover all possible API calls, rather those that will accomplish your desired use cases.

Assumptions

This guide assumes that you have:

- Some REST API experience
- An active MobileIron Cloud system
- The URL to your MobileIron Cloud system
- Tenant Admin credentials for making API calls

Revision History

Date	Description
March 3, 2021	• Added the androidSecurityPatchLevel return field to the Get Device Details call. • Moved the apps configurations calls, Create Application Configuration and Update Application Configuration to the Apps API Calls chapter. • Added the call, Update In-House App Icons. • Added the call, Remove custom attributes per device - method 2. This method leaves in place custom attributes not specified in the call. • Removed rate limit guidance for the Get Application Inventory for a Particular Device call. There is no rate limit imposed for this call. • Clarified the description of the **forceOverwrite** parameter for the Patch custom attributes per device call.
January 22, 2021	Updated the sections API Limits and Get Application Inventory for a Particular Device, that MobileIron Cloud now limits this call to thirty calls per minute per user. Previous limit was three calls per minute per user.
November 16, 2020	Added the following response fields to the returns of selected Device API calls: • legalOwnerId • legalOwnerEmailAddress
October 28, 2020	Added GET custom attributes call.
October 27, 2020	Updated the section, API Limits.
October 3, 2020	• Added the Get Connector status call. • Clarified use of **rows** parameter throughout guide. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. • Added the **managed** field to the return of the Get Application Inventory for a Particular Device call. • Documented the ability to now use the device GUID as the identifier in the Get Device Details call. • Added the **timeZone** field to the return of the Get Device Details call. • Documented the enhanced Patch custom attributes per device call that allows updates of individual custom attributes, and addition of custom attributes.
August 19, 2020	• Added the **installedAt** field to the return of the Get Application Inventory for a Particular Device call.

Date	Description
	• Added the **ipAddress** field to the return of the Get List of Devices Checked In Within x Amount of Time call. • Updated the Get Device Enrollment Program (DEP) details by DEP profile ID call. • Added the **enabled** parameter to the Change password call. • Added the **esimIdentifier** and **bootstrapTokenAvailable** fields to the return of the device details call. • Added the **minOsVersion** field to the return of the various app details calls in this guide. • Added the Get MDM profile call used when interacting with a custom Device Enrollment web page.

June 11, 2020	• Added the **passcodeCompliantWithProfiles** response field to the following calls:
	  ◦ Get Device Details by Device Group
	  ◦ Get Device Details
	  ◦ Get Device Details Based on Attribute
	  ◦ Get List of Devices Checked In Within x Amount of Time
	• Updated the Response Fields section of the documentation for the call, Get iTunes App Info by appStoreId, to state that as of MobileIron Cloud 70, the displayVersion value matches the secondaryVersion value for iOS apps.

April 2, 2020	Described the new priority parameter and added it to the following calls: • Configuration API Calls • Configuration API Calls
02/13/20120	Updated the following calls: • Remove custom attributes per device - method 1: This call removes selected custom attributes, rather than removing all custom attributes. • Assign a Device to a User: Changed the **deviceId** parameter to **deviceIds**.
01/08/2020	Added the return fields **currentCountryName** and **homeCountryName** to the following calls: • Get Device Details • Get List of Devices Checked In Within x Amount of Time
11/05/2019	Added the accountIds and accountGroupIds parameters to the call, Install an App based on App Distribution Filters - iOS Only, which allow for custom distribution of the app.
10/02/2019	Added the following calls: • Discover Devices Eligible for a Given App

Date	Description
	• Install an App to devices with specified GUIDs - iOS Only • Install an App based on App Distribution Filters - iOS Only
08/20/2019	Added the following calls: • Get a List of In-House Apps and Associated Provisioning Profile • Get List of Certificates Requiring Manual Revocation
06/03/2019	• Added the availableCapacity and totalCapacity return fields to the call, Get List of Devices Registered Within x Amount of Time • Included that you can now use GUIDs as identifying parameters for the following calls: - Force check in a device or devices - Lock a device or devices - Get Custom Attributes Per Device - Add/Replace Custom Attributes Per Device - Patch custom attributes per device • Added the call, Remove custom attributes per device - method 1
02/07/2019	Added the following calls: • Configuration API Calls • Configuration API Calls • Configuration API Calls
01/22/2019	Added the following fields to the return of the GET device details calls: GUID, depEnrolled, depEligible.
12/4/2018	Minor: removed extra word in the Delete Device call description.
11/29/2018	Added the section, Sorting Results.
11/19/2018	• Updated the API Limits statement, clarifying usage of the `rows` and `start` parameters, and removing reference to the `offset` parameter, not used in this API. • Updated Controlling Results to describe the `rows` and `start` parameters, and provided supporting examples.
11/7/2018	Updated the API Limits statement.
08/29/2018	• Added the following calls: - Certificate Management Calls - Delete User-Provided Certificates in Bulk Using CSV File - Delete User-Provided Certificates in Bulk Using Using Account and Policy • Added descriptions of the mutable and MDMChannelId fields.
05/17/2018	Replaced instances recommending the GET api/v1/tenant call with the GET /api/v1/metadata/tenant call.
05/04/2018	Updated details returned by get device details calls.

Date	Description
03/02/2018	Added the following calls: • List User Groups • Check Delete Viability • Delete Group
02/01/2018	• Added the Get Device Enrollment Program (DEP) details by DEP profile ID call. • Added the overrideUrl parameter to the Create an App and Update In-House App Details calls.
12/19/2017	• Updated the Update In-House App Details call. Notably, added the mandatory primaryVersion and platformAppId parameters.
12/11/2017	• Changed Update In-House App Screenshots call from PUT to POST. • Changed Create a Rule Group call to Create a Device Group.
11/14/2017	• Added a statement about API Limits.
11/2/2017	• In Apps API Calls, noted that all Apps API operations will apply to the default space only. • In the Get a List of In-House Apps call, updated the description of the cmPartitionId parameter. • For the Get Application Inventory for a Particular Device call, added a note that MobileIron Cloud limits this call to three per minute per user.
08/18/2017	Replaced the term “partition” with “space” in the explanatory sections of the text. The term “partition” remains in the API parameters and returns. Added the following API calls: - Remove a Configuration from a Device - Delete a Configuration from the Uninstalled List - Push a Configuration to a Device
07/19/2017	• Clarified the Update an App section by breaking it into two calls: - Uploading the new APK file - Copying Previous App Version Artifacts • Added the following calls: - Update User First Name, last Name, and Email Address - Update In-House App Screenshots - Update In-House App Details

Date	Description
	- Delete Device - Check Delete User Viability - Delete User
06/07/2017	• Added the following calls: - Get All Accounts - Change Password • Updated the lastRegistrationTime date format in the Get List of Devices Registered Within x Amount of Time call to dd:hr:mm:ss from hr:mm:ss. • Added note that Basic Authentication is not supported with the Review and Rate an App call. • Clarified the behavior of the Add/Replace Custom Attributes Per Device and Patch Custom Attributes Per Device calls.
04/16/2017	Removed whitelisting requirements. No longer necessary.
03/03/2017	Added the following calls: • Create User without Password • Invite User • Import LDAP User • Check LDAP Import Status • Apply Custom Attribute to a User • List Devices by UID or Email Address

Key Concepts

Supported Platforms

MobileIron supports the following mobile platforms:

- Apple's iOS
- Google's Android

Understanding the MobileIron Cloud Account

When creating a MobileIron Cloud account, you can create an account that provides the user:

- A PIN for registering a device and user name and password for accessing the admin portal if the user has the required admin rights.
- A PIN to register a device.

NOTE: Note: The device registration PIN is good for the first visit to MobileIron Cloud. There are other device registration authentication types available; Password Only, PIN Only or PIN and Password; for registering devices on subsequent visits to the portal. See Understanding_Device_Registration_Authentication_Type.

When creating an account, you can send the user an invitation to connect their device and access the available apps and configurations.

You can find the API calls for creating an account here:

Creating a User without a Password

Creating a User with a Password

Understanding Device Registration Authentication Type

You can use the Configuring User Device Registration Settings call to set the device registration authentication type to Password Only, PIN Only or PIN and Password for users who visit MobileIron Cloud a second time and thereafter to register devices. You need to do this so that the /api/v1/account/regpin call will actually issue a registration PIN.

Overview of System Emails

MobileIron Cloud sends the following system emails:

Template Name	HTML Template	Trigger
End-User Invitation to Register (half account - requires PIN)	emailInvitation.html	Admin adds User without specifying a Password (or First Name, Last Name) and selects "Send invitation now" option. OR Admin selects a user and the "Invite User to Register Option". PIN-based invite is also sent when multiplte users are invited with the Add -> Multiple Users.
PIN request	emailPinRequest.html	From /go or from within the MobileIron Cloud app (iOS and Android), user selects "Get a new PIN".
Password request	emailPasswordRequest.html	From /go or from within the MobileIron Cloud app (iOS and Android), user selects "Reset Password".
End-User Invitation to Register (full account - Requires Password)	emailInvitationNoPin.html	Admin adds a single User with a Password and First Name, Last Name specified then selects "Send invitation now" option.
Admin Invitation	emailAdminInvitation	
Admin Activation	emailAdminActivation	Tenant is created with "sendActivation=true" option whereby MobileIron Cloud emails the Tenant Admin a link to for setting their login password (typically, the password is emailed to the TA in a Welcome email sent outside MobileIron Cloud - typically the Purchasing system).
Policy compliance action email		
Send Message		Send message from Administrator.
Support Aministrators		

Note that MobileIron Cloud does not allow email addresses with the following characters:

+

or

. (period)

Glossary of Key Concepts

This section describes key concepts in MobileIron Cloud.

App Catalog

The App Catalog is a list of the apps available to a specific user or user group.

App Inventory

The App Inventory is the list of all apps installed on all the managed devices.

App

An app is software that runs on a, iOS or Android device. MobileIron Cloud can control access to apps.

Categories

Categories organize the apps and content available in the Content Catalog and App Catalog. Users can browse apps and content by their respective categories. Apps and Content both have different set of categories.

Configurations

Configurations are saved sets of attributes applied to devices.

Content

Content includes business documents of the following types: DOC, PDF, PPT, RTF, TXT, XLS, GIF, JPEG, PNG. The MobileIron Cloud user interface presents apps and content as differently managed entities.

Device

MobileIron Cloud manages devices. Devices include:

- Android phone
- Android tablet
- iPhone
- iPad
- iPad-mini
- Apple TV

Group

A group is a collection of users. You can assign roles to groups which are then inherited by users.

Policies

A policy is the combination of a rule and a compliance action. A rule checks and reports on specific conditions of the end user mobile device. A compliance action defines how MobileIron Cloud responds if the specified condition occurs. Compliance actions include:

- Monitor the device
- Send a message to the user
- Quarantine the device

Role

MobileIron Cloud supports the following roles:

- API Roles
  - System Admin – Used for calls to create tenants, perform licensing and site reporting
  - Tenant Admin – Used for all other API calls
- User and User Group Roles – Assigned to MobileIron Cloud users and user groups:

Administrative Roles	
Role	**Description**
System Management	If selected, this role includes the System Read Only and User Read Only roles.
User Management	If selected, this role includes the User Read Only role.
Device Management	If selected, this role includes the User Read Only role and the Device Read Only role.
App & Content Management	If selected, this role includes the User Read Only role and the App and Content Read Only role.
Helpdesk Roles	
Role	**Description**
System Read Only	If selected, this role includes the User Read Only role.
User Read Only	Allows grantee view user information.
Device Read Only	If selected, this role includes the User Read Only role.
App & Content Read Only	If selected, this role includes the User Read Only role.

MobileIron Cloud API Basics

System Role

Your implementation of the MobileIron Cloud Integration API supports the following role:

Tenant Admin – Authorized to make calls related to the tenant owned by the admin, such as creating and updating accounts.

Authentication

The MobileIron Cloud Integration APIs use Basic Authentication to authorize API calls. You need to add an authentication header when using a REST tool such as Postman, and when making cURL calls directly. See the examples provided in the sections Getting Account Information and Creating a User in the chapter Making Your First API Calls for how to add authentication to your calls.

NOTE: Some of the example calls in this guide do not illustrate an authentication component, however, you should add authentication to your actual calls.

GDPR Consideration

If the API user selected to authenticate API calls is associated with a GDPR profile, then MobileIron Cloud obfuscates the specified fields in the GDPR profile that API calls return.

Typical fields include:

- User ID
- Person name
- Email address
- Phone number
- MEI
- Serial Number
- ICCID
- MEID
- esimIdentifier
- ipAddress

API Limits

If you are using a MobileIron Cloud API call that is not described in this guide, then that call is unpublished and unsupported.

Rows Parameter Limit

MobileIron paginates the results of APIs and limits the maximum number of results returned to 500 per page to avoid performance issues that may occur when retrieving and transferring large data sets.

When making API calls:

- **Do not send a value greater than 500 for the rows parameter.** MobileIron Cloud release 75 and later will return the following error response when encountering API calls that violate the 500 row limit:

```
400 Bad Request
 {
    "errors": {
        "globalErrors": null,
        "fieldErrors": [
            {
                "code": "Range",
                "message": "must be between 1 and 500",
                "field": "rows"
            }
        ]
    },
    "result": null
}
```

- **Paginate your API returns.** If you are using any published API that takes as input the rows parameter, but your code is not paginating the returned results, then you should change that code to enforce pagination, extracting objects one page at a time. You can change the number of results returned per page by using the `rows` parameter, and the set of results returned by using the `start` parameter. See Controlling Results for complete details and examples.

Controlling Results

Because of MobileIron Cloud APIs 500 row limit per page described in API Limits, you may need to use the following parameters to avoid hitting the API limit.

Parameter	Description
rows	Syntax: rows=*n* Limits the number of records retrieved. For example, `rows=100` returns 100 rows of records. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500.
start	Syntax: start=*n* Specifies the record on which to start the return. For example, if you have 200 devices, to get the last 40 devices, use `start=160`.

Examples

You have 12340 devices and you cannot retrieve them all at once because you need to chunk them up into rows of at most 500 to avoid the 500 row limit described in API Limits.

To get first 100 devices:

```
&rows=100&start=0
```

To get second 100 devices:

```
&rows=100&start=100
```

To get the last 40 devices from the list ;

```
&rows=100&start=12300
```

Sorting Results

You can use the `sortFields[0].name` and `sortFields[0].order` parameters to sort results. When sort order is not set for an API, the API returns the response sorted for the fastest response.

Parameter	Description
sortFields [0].name	Syntax: sortFields[0].name=*field* Specifies the field on which to sort. For example, `sortFields[0].name=emailAddress` sorts on the emailAddress field. Here it is URL encoded: `sortFields%5B0%5D.name=emailAddress`
sortFields [0].order	Syntax: sortFields[0].order=[ASC][DESC] Specifies ascending or descending sort order. For example, `sortFields[0].order=ASC` sorts in ascending order. Here it is URL encoded: `sortFields%5B0%5D.order=ASC`

HTTP Response Codes

The API issues the codes listed below in its responses, and issues a “Success” message for successful calls. When a call fails, the API issues a descriptive error message.

- 200 OK - Success
- 400 Bad request - The request was invalid. The accompanying error message in the output explains the reason.
- 401 Unauthorized - Authentication to the API has failed. Authentication credentials are missing or wrong.
- 403 Forbidden – You are trying to access a resource that does not belong to you.
- 404 Not found - The requested resource is not found. The accompanying error message explains the reason.
- 500 Internal Server Error - An internal server error has occurred while processing the request.
- 502 Bad Gateway - The MobileIron server is not reachable.

Response Types

The API can return responses in JSON.

Common Response Objects

This section contains descriptions of the common response objects returned by the API.

Error

This object represents error response.

```
{
    "fieldErrors": [
      {
        object(FieldError
)
      }
    ],
    "globalErrors": [
      {
        object(GlobalError
)
      }
    ]
}
```

Field	Description
Field	Description
fieldErrors[]	object(FieldError) A list of errors related to request parameters.
globalErrors[]	object(GlobalError) A list of general errors.

FieldError

This object represents errors related to request parameters.

```
{
    "code": string,
    "field": string,
    "message": string
}
```

Field	Description
code	**string** HTTP response error code as documented in the API guide.
field	**string** The request field that has an error.
message	**string** Localized description of the error message.

GlobalError

This object represents global errors.

```
{
"code": string,
"message": string
}
```

Field	Description
code	**string** HTTP response error code as documented in the API guide.
message	**string** Localized description of the error message.

The Importance of the Device Space ID

The device space ID is an important value in MobileIron Cloud and is needed to make a variety of device-related API calls. You can get the default device space ID by examining the response of the GET Tenant Metadata call, described in the section, Get Device Enrollment Program (DEP) details by DEP profile ID. You can get a list of all device spaces in a tenant using the Get Device Spaces call. The device space ID appears as shown below in the Get Tenant Metadata call:

```
"defaultDmPartitionId": 23004,
```

Note: Device “spaces” were previously named device “partitions” in the MobileIron Cloud user interface, however, the term “partition” remains in API parameters and returns.

Making Your First API Calls

Assumptions and Prerequisites

This chapter assumes that you are somewhat familiar with REST APIs.

You also need:

- a MobileIron Cloud tenant
- The URL to your MobileIron Cloud system
- Admin user name and password for the tenant
- One of the following tools installed:

o Postman REST Client installed on Chrome web browser

o DEV HTTP Client installed on Chrome web browser

o RESTClient installed on Firefox browser

o cURL installed on your computer

In this guide, we will use Postman REST Client and cURL for our examples.

Making a Few Simple Calls

In this section, we'll perform the following calls:

- Get account information for all existing users.
- Create a new user.

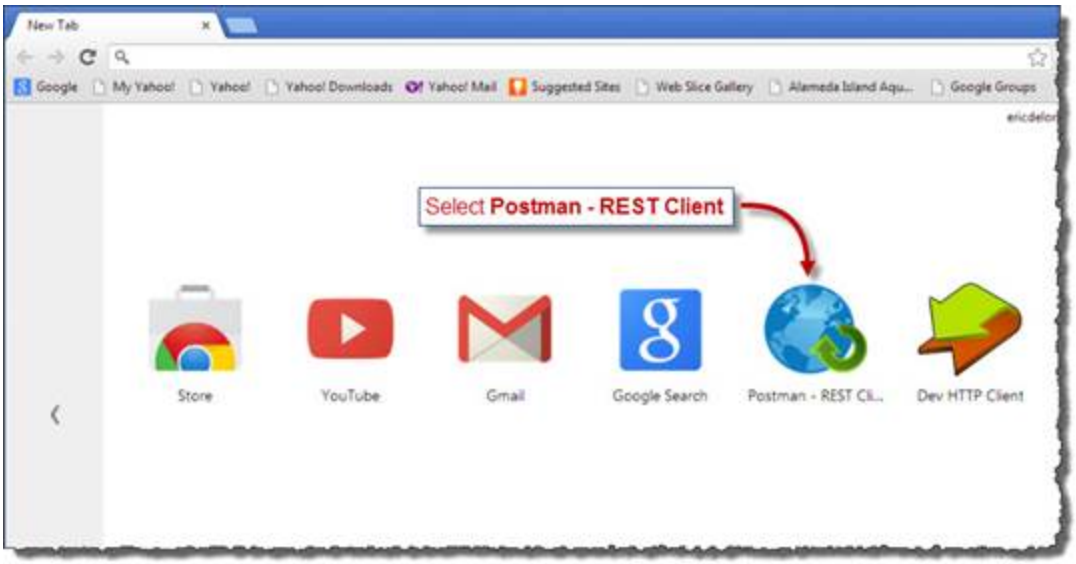
Getting Account Information

This call returns information about all the users in the current tenant.

Using Postman REST Client

To get account information for all users on your MobileIron Cloud system:

1. Start Google Chrome and then select Postman – REST Client:



A Postman tab appears.

2. Enter http://url_to_your_mobileiron_cloud_environment/api/v1/account/, select GET from the Operations dropdown menu, and then click the Basic Auth tab:

NOTE: Note: Replace url_to_your_ mobileiron_cloud_environment with the actual URL to your environment.

The Basic Auth tab appears.

3. Enter your admin username and password, click Refresh headers, and then click Send:

NOTE: Note: The MobileIron Cloud Integration API uses basic authentication.

The response appears in the Postman's lower pane:


```
{
    "errors": null,
    "result": {
        "totalCount": 2,
        "queryTime": 2,
        "searchResults": [
            {
                "id": 10000,
                "createdAt": null,
                "createdBy": null,
                "modifiedAt": null,
                "modifiedBy": null,
                "displayName": null,
                "firstName": null,
                "lastName": null,
                "ldapServerId": null,
                "uid": "nobody@auto0001.acme.com",
                "emailAddress": "nobody@auto0001.acme.com",
                "username": null,
                "accountSource": "LOCAL",
                "inviteState": "None",
                "inviteResendCount": 0,
                "inviteLastSentAt": null,
                "locale": null,
                "enabled": false,
                "locked": false,
                "superUser": false,
                "termsAccepted": false,
                "passwordExpiresAt": null,
                "distinguishedName": null,
                "objectGuid": null,
                "trash": false,
                "mutable": false,
                "loginFailureCount": 0,
                "loginSuccessAt": null,
                "passwordHistory": "{\"passwords\":[]}",
                "actionExceptionCodes": null,
                "groups": [
                    "All Users"
                ],
                "deviceCount": 0
```

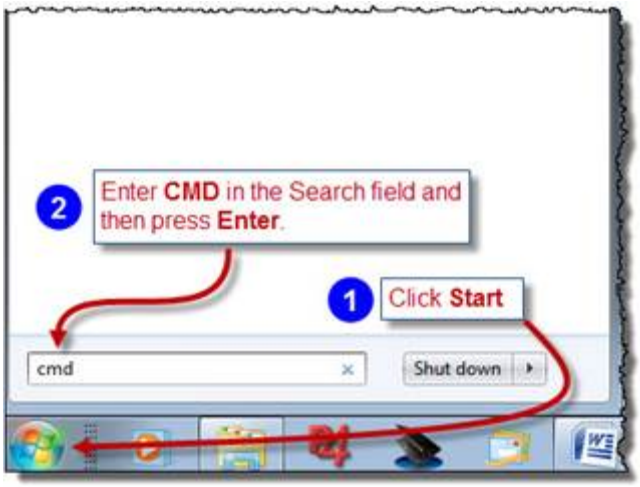
```
            },
            {
                "id": 10001,
                "createdAt": null,
                "createdBy": null,
                "modifiedAt": null,
                "modifiedBy": null,
                "displayName": null,
                "firstName": "FirstName0001",
                "lastName": "LastName0001",
                "ldapServerId": null,
                "uid": "miadmin@auto0001.acme.com",
                "emailAddress": "miadmin@auto0001.acme.com",
                "username": null,
                "accountSource": "LOCAL",
                "inviteState": "None",
                "inviteResendCount": 0,
                "inviteLastSentAt": null,
                "locale": null,
                "enabled": false,
                "locked": false,
                "superUser": false,
                "termsAccepted": false,
                "passwordExpiresAt": null,
                "distinguishedName": null,
                "objectGuid": null,
                "trash": false,
                "mutable": false,
                "loginFailureCount": 0,
                "loginSuccessAt": null,
                "passwordHistory": "{\"passwords\":[]}",
                "actionExceptionCodes": null,
                "groups": [
                    "All Users"
                ],
                "deviceCount": 0
            }
        ],
        "offset": 0,
        "facetedResults": {
            "TERMSACCEPTED": {
                "true": 0,
                "false": 2
            },
            "ACCOUNTGROUP": {
                "All Users": 2
            },
            "INVITESTATE": {
                "Expired": 0,
                "Completed": 0,
                "None": 2,
                "Pending": 0
            }
        }
    }
}
```


Using cURL

This section describes how to use a Windows 7 cURL client to get account information for all users on your MobileIron Cloud system.

To get account information for all users on your MobileIron Cloud system:

4. Open a Command Prompt window as illustrated below:



A Command Prompt window appears.

5. Enter the following command in the Command Prompt window, replacing admin_username with the actual admin username, admin_password with the actual admin user password, and URL_to_your_mobileiron_cloud_environment with your actual MobileIron Cloud URL:

curl -u admin_username:admin_password –kv "https://URL_to_your_mobileiron_cloud_environment/api/v1/account/"

For example:

curl -u admin@auto0001.acme.com:Pi3man11 –kv

"https://[mobileiron cloud]/api/v1/account/"

```
C:\Windows\system32\cmd.exe
C:\Users>curl -u admin_username:admin_password -kv "https://URL_to_your_anyware_
environment/api/v1/account/"
```

The response appears:

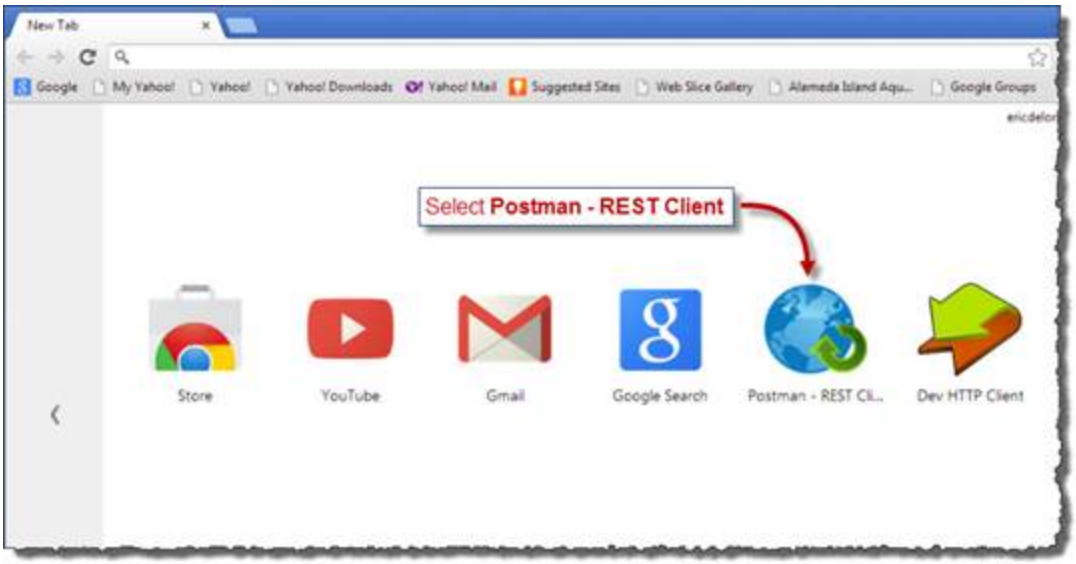
```
C:\Windows\system32\cmd.exe
{"errors":null,"result":{"totalCount":2,"queryTime":2,"searchResults":[{"id":100
00,"createdAt":null,"createdBy":null,"modifiedAt":null,"modifiedBy":null,"displa
yName":null,"firstName":null,"lastName":null,"ldapServerId":null,"uid":"nobody@a
uto0001.mobileiron.com","emailAddress":"nobody@auto0001.mobileiron.com","usernam
e":null,"accountSource":"LOCAL","inviteState":"None","inviteResendCount":0,"invi
teLastSentAt":null,"locale":null,"enabled":false,"locked":false,"superUser":fals
e,"termsAccepted":false,"passwordExpiresAt":null,"distinguishedName":null,"objec
tGuid":null,"trash":false,"mutable":false,"loginFailureCount":0,"loginSuccessAt"
:null,"passwordHistory":"{\"passwords\":[]}","actionExceptionCodes":null,"groups
":["All Users"],"deviceCount":0},{"id":10001,"createdAt":null,"createdBy":null,"
modifiedAt":null,"modifiedBy":null,"displayName":null,"firstName":"FirstName0001
","lastName":"LastName0001","ldapServerId":null,"uid":"miadmin@auto0001.mobileir
on.com","emailAddress":"miadmin@auto0001.mobileiron.com","username":null,"accoun
tSource":"LOCAL","inviteState":"None","inviteResendCount":0,"inviteLastSentAt":n
ull,"locale":null,"enabled":false,"locked":false,"superUser":false,"termsAccepte
d":false,"passwordExpiresAt":null,"distinguishedName":null,"objectGuid":null,"tr
ash":false,"mutable":false,"loginFailureCount":0,"loginSuccessAt":null,"password
History":"{\"passwords\":[]}","actionExceptionCodes":null,"groups":["All Users"]
,"deviceCount":0}],"offset":0,"facetedResults":{"TERMSACCEPTED":{"true":0,"false
":2},"ACCOUNTGROUP":{"All Users":2},"INVITESTATE":{"Expired":0,"Completed":0,"No
ne":2,"Pending":0}}}}*

C:\Users>
```

Creating a User

Using Postman REST Client

This call creates a new user in the current tenant.

1. Start Google Chrome and then select Postman – REST Client:



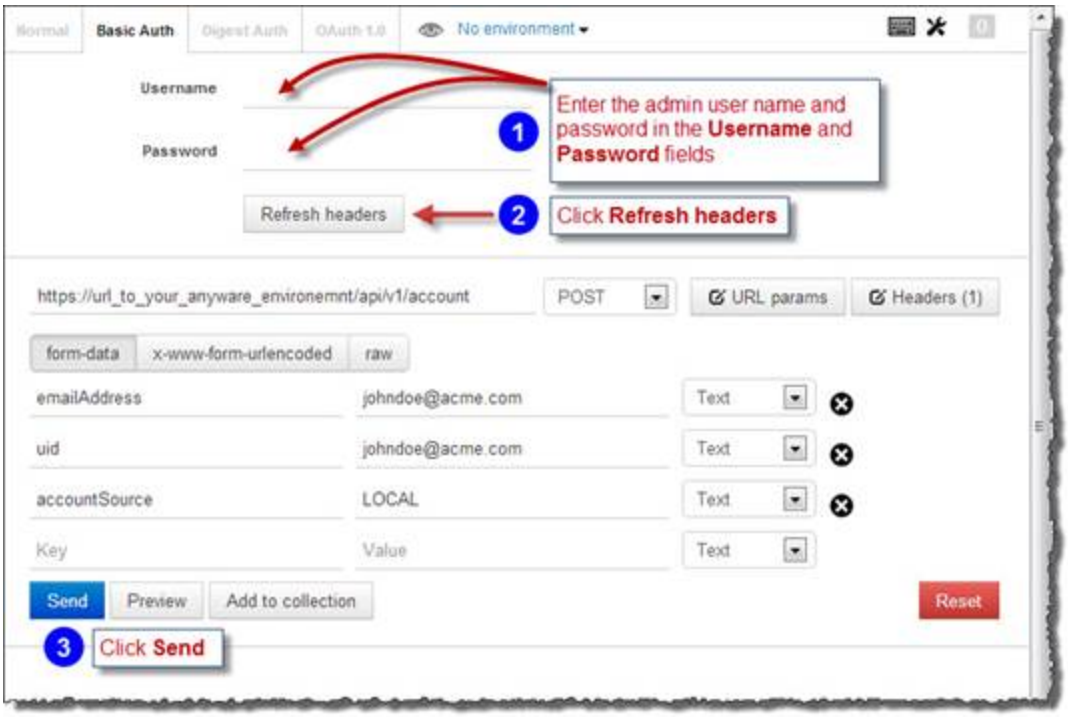
A Postman tab appears.

2. Configure the Postman tab as illustrated below:

NOTE: Note: Replace url_to_your_mobileiron_cloud_environment with the actual URL to your environment.

The Basic Auth tab appears.

3. Enter your admin username and password, click Refresh headers, and then click Send:



NOTE: Note: If your authentication credentials already exist from the previous call, the you can skip steps 1 and 2 in the illustration above.

Postman indicates a successful call and posts the response the lower pane:


```
{
    "errors": null,
    "result": {
        "id": 10629,
        "createdAt": null,
        "createdBy": 10001,
        "modifiedAt": null,
        "modifiedBy": 10001,
        "displayName": null,
        "firstName": null,
        "lastName": null,
        "ldapServerId": null,
        "uid": "johndoe@acme.com",
        "emailAddress": "johndoe@acme.com",
        "username": null,
        "accountSource": "LOCAL",
        "inviteState": null,
        "inviteResendCount": 0,
        "inviteLastSentAt": null,
        "locale": "en_US",
        "enabled": false,
        "locked": false,
        "superUser": false,
        "termsAccepted": false,
        "passwordExpiresAt": null,
        "distinguishedName": null,
        "objectGuid": null,
        "trash": false,
        "mutable": true,
        "loginFailureCount": 0,
        "loginSuccessAt": null,
```

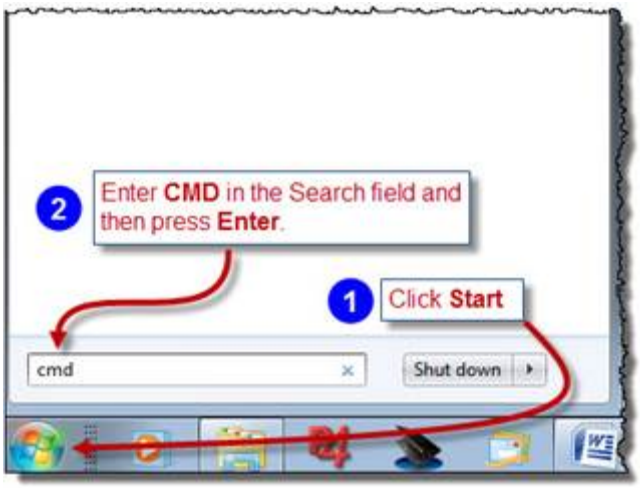
```
        "passwordHistory": "{\"passwords\":[]}",
        "actionExceptionCodes": null
    }
}
```


Using cURL

This section describes how to use a Windows 7 cURL client to create a new user on your MobileIron Cloud system.

To create a new user on your MobileIron Cloud system:

1. Open a Command Prompt window as illustrated below:



A Command Prompt window appears.

2. Enter the following command in the Command Prompt window, replacing admin_username with the actual admin username, admin_password with the actual admin user password, and URL_to_your_mobileiron_cloud_environment with your actual MobileIron Cloud URL:

curl -u admin_username:admin_password -kv "https://URL_to_your_mobileiron_cloud_environment/api/v1/account?emailAddress=johnnydoe@acme.com&uid=johnnydoe@acme.com&accountSource=Local" -d ''

For example:

curl -u admin@auto0001.acme.com:Pi3man11 –kv "https://[mobileiron cloud]/api/v1/account?emailAddress=johnnydoe@acme.com&uid=johnnydoe@acme.com&accountSource=Local" –d ''

```
C:\Windows\system32\cmd.exe
C:\Users>curl -u admin_username:admin_password -kv "https://URL_to_your_anyware_
environment/api/v1/account?emailAddress=johnnydoe@acme.com&uid=johnnydoe@acme.co
m&accountSource=Local" -d ''
```

The response appears:

```
C:\Windows\system32\cmd.exe
> Content-Type: application/x-www-form-urlencoded
>
* upload completely sent off: 2 out of 2 bytes
< HTTP/1.1 200 OK
* Server Apache-Coyote/1.1 is not blacklisted
< Server: Apache-Coyote/1.1
< Pragma: no-cache
< Expires: Thu, 01 Jan 1970 00:00:00 GMT
< Cache-Control: no-cache
< Cache-Control: no-store
< Content-Type: application/json;charset=UTF-8
< Transfer-Encoding: chunked
< Date: Wed, 17 Jul 2013 18:38:46 GMT
<
<
<{"errors":null,"result":{"id":10630,"createdAt":null,"createdBy":10001,"modified
At":null,"modifiedBy":10001,"displayName":null,"firstName":null,"lastName":null,
"ldapServerId":null,"uid":"johnnydoe@acme.com","emailAddress":"johnnydoe@acme.co
m","username":null,"accountSource":"LOCAL","inviteState":null,"inviteResendCount
":0,"inviteLastSentAt":null,"locale":"en_US","enabled":false,"locked":false,"sup
erUser":false,"termsAccepted":false,"passwordExpiresAt":null,"distinguishedName"
:null,"objectGuid":null,"trash":false,"mutable":true,"loginFailureCount":0,"logi
nSuccessAt":null,"passwordHistory":"{\"passwords\":[]}","actionExceptionCodes":n
ull}}*
```

User API Calls

This chapter describes the supported API calls for customer integration using the API. If the call does not appear in this document, then it is unsupported.

Create User without Password

This call creates a user without a password.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

POST

Request URI

api/v1/accounts

Request Parameters

Parameter	Argument Type	Description	Sample Value
sendInvite	Path	True if we want to send invite	true
emailAddress	Request body	Email address	nsmith@acme.com
accountSource	Request body	Type of user. LOCAL	LOCAL
uid	Request body	Same as the email address	nsmith@acme.com

Example Request

Example Request URL

```
https://cluster056.auto.acme.com/api/v1/accounts?sendInvite=true
```

Example Request Body

```
accounts[0].emailAddress=nsmith@acme.com
accounts[0].accountSource=LOCAL
accounts[0].uid=nsmith@acme.com
```

Response Fields

Field	Description
errors	Errors returned by the call
result– Results container for user information	
id	Internal ID for the user
createdAt	When created.
createdBy	Who created it.
modifiedAt	When modified.
modifiedBy	Who modified it.
displayName	Display name of account.
firstName	First name for the account.
lastName	Last name for the account.
ldapServerId	LDAP server ID for the account.
uid	UID for the account. Same as the email address.
emailAddress	Email address for the account Same as UID.
username	User name for the account.
accountSource	Account source. Can be LOCAL, and perhaps LDAP later.
inviteState	Has the user responded to the invitation?
inviteResendCount	How many times has the invite been resent?
inviteLastSentAt	When was the invite last sent?
locale	The account's locale.
enabled	Is the account enabled?
locked	Is the account locked?
superUser	Is this account a superuser?
termsAccepted	Did this account accept the terms?
passwordExpiresAt	When does the password expire?

Field	Description
distinguishedName	
objectGuid	
trash	Has this account been discarded?
mutable	Can be modified by default.
loginFailureCount	How many times has the user unsuccessfully tried to login?
loginSuccessAt	
passwordHistory	
guid	
actionExceptionCodes	

Example Response


```
{
  "errors": null,
  "result": [
    {
      "id": 10023,
      "createdAt": null,
      "createdBy": 10001,
      "modifiedAt": null,
      "modifiedBy": 10001,
      "displayName": null,
      "firstName": null,
      "lastName": null,
      "ldapServerId": null,
      "uid": "nsmith@acme.com",
      "emailAddress": "nsmith@acme.com",
      "username": null,
      "accountSource": "LOCAL",
      "inviteState": null,
      "inviteResendCount": 0,
      "inviteLastSentAt": null,
      "locale": "en_US",
      "enabled": false,
      "locked": false,
      "superUser": false,
      "termsAccepted": false,
      "passwordExpiresAt": null,
      "distinguishedName": null,
      "objectGuid": null,
      "trash": false,
      "mutable": true,
      "loginFailureCount": 0,
      "loginSuccessAt": null,
      "passwordHistory": "{\"passwords\":[]}",
      "guid": null,
      "actionExceptionCodes": null
    }
  ]
}
```

Create User with Password

This call creates a user with a password.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

POST

Request URI

api/v1/account

Request Parameters

Parameter	Argument Type	Description	Example Value
sendInvite	Path	True if we want to send invite	true
accountSource: LOCAL	Request body	Email address	nsmith@acme.com
accountSource	Request body	Type of user. Can be LOCAL or LDAP	LOCAL
uid	Request body	Same as the email address	nsmith@acme.com
emailAddress	Request body	email address of the user	
firstName	Request body	first name	
lastName	Request body	last name	
displayName	Request body	display name	
password	Request body	password for the user	
confirmPassword	Request body	confirm the password	

Example Request

Example Request URL

```
https://cluster056.auto.acme.com/api/v1/account?sendInvite=true
```

Example Request Body

```
accountSource=LOCAL
uid=test@acme.com
emailAddress=test@acme.com
firstName=Cool
lastName=Tester
displayName=Cool+Tester
password=Testing!23
confirmPassword=Testing!23
```

Response Fields

Field	Description
errors	Errors returned by the call
id	Internal ID for the user
createdAt	When the account was created.
createdBy	Who created the account?
modifiedAt	When was the account modified?
modifiedBy	Who modified the account?
displayName	Display name for account.
firstName	First name of account.
lastName	Last name of account.
ldapServerId	LDAP server ID for the account.
uid	UID for the account.
emailAddress	Email address for the account.
username	Username for the account.
accountSource	Source for the account. Can be LOCAL. LDAP may be supported later.
inviteState	Has the use been invited?
inviteResendCount	How many times has the invitation been resent?
inviteLastSentAt	When was the invitation last sent?
locale	What is the account locale?
enabled	Is the account enabled?

Field	Description
locked	Is the account locked?
superUser	Is the user a supersuer?
termsAccepted	Has the user accepted the terms?
passwordExpiresAt	When does the password expire?
distinguishedName	
objectGuid	
trash	Has the account been discarded?
mutable	Can be modified by default.
loginFailureCount	
loginSuccessAt	
passwordHistory	
guid	
actionExceptionCodes	

Example Response


```
{
  "errors": null,
  "result": {
    "id": 10024,
    "createdAt": null,
    "createdBy": 10001,
    "modifiedAt": null,
    "modifiedBy": 10001,
    "displayName": "TestFName TestLame",
    "firstName": "TestFName",
    "lastName": "TestLame",
    "ldapServerId": null,
    "uid": "test@acme.com",
    "emailAddress": "test@acme.com",
    "username": null,
    "accountSource": "LOCAL",
    "inviteState": null,
    "inviteResendCount": 0,
    "inviteLastSentAt": null,
    "locale": "en_US",
    "enabled": true,
    "locked": false,
    "superUser": false,
    "termsAccepted": false,
    "passwordExpiresAt": null,
    "distinguishedName": null,
    "objectGuid": null,
    "trash": false,
    "mutable": true,
```

```
    "loginFailureCount": 0,
    "loginSuccessAt": null,
    "passwordHistory": "{\"passwords\":[]}",
    "guid": null,
    "actionExceptionCodes": null
  }
}
```


Invite User

This call invites a user to register with MobileIron Cloud, optionally setting device ownership to EMPLOYEE, COMPANY, or UNKNOWN.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

POST

Request URI

/api/v1/invite/enduser

Request Parameters

Parameter	Argument Type	Description	Example Value
accountIds	Request body	The accounts you wish to invite.	10552
deviceOwnershipType	Request body	Optional. Sets the device ownership. Valid values are: • EMPLOYEE • COMPANY • UNKNOWN	EMPLOYEE

Example Request

```
curl "https://<mobileiron_cloud>/api/v1/invite/enduser" -H "Accept: application/json,
text/plain, */*" --data "accountIds=10552&deviceOwnershipType=EMPLOYEE" --compressed
```

Response Fields

Field	Description
errors	Errors returned by the call
result	The result set container

Example Response

```
{
    "errors": null,
    "result": true
}
```

Get Enrollment URL

This call creates an enrollment URL that enrolls a user without the user having to enter a pin.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

POST

Request URI

/api/v1/tenant/enrollment/url

Request Parameters

Parameter	Argument Type	Description	Example Value
accountIds	Request body	The accounts for which you want to create the enrollment URL.	10022
tokenLifetime	Request body	The token lifetime.	604800000

Example Request

```
cURL 'https://na1.mobileiron.com/api/v1/tenant/enrollment/url' -d'{"accountIds": [ 10022 ],
"tokenLifetime": 604800000}' -H 'Content-Type: application/json'
```

Response Fields

Field	Description
errors	Errors returned by the call
result	The result set container
accountId	The account Id and corresponding enrollment URL.

Example Response


```
{
    "errors": null,
    "result": {
        "10022":
"https://na1.mobileiron.com/c/i/reg/enroll.mobileconfig?token=7F7F00009C44AFBE0001000600108
EAB34439F38473CAC15E4A6A10B69D8BEAF04474710AE859B37454248922171D5A969B312C66E844678C80800E7
DF7E3EAABF8E35E12322E4ABD6988314AD333C3740B7DD9550F98EA78704CD1AD7D82636162CE31E85B857DF5EB
C2636F161EF7713663361AFC93A03009307E2B70C37D893E55E5E659D6F34FF36C3A747E47640811F00FCF9F153
7D5B20AD2EC3264775B45780B942EC3F3D6C790D3F38514F6EB274B463D1557CD68273FD325FB6FE006777499F7
0858B427CBCB67943F1070B6EDBAC1115C1"
    }
}
```


Get All Accounts

This call gets information about all accounts, including the id and emailAddress values that you need for the next call.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/api/v1/account

Request Parameters

Parameter	Argument Type	Description	Example Value
rows	Path	How many rows to return in the query. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	50
start	Path	Where in the results set to start displaying the rows.	0

Example Request

curl 'https://[mobileiron_
cloud]/api/v1/account?q=&rows=50&start=0&sortFields%5B0%5D.name=displayName&sortFields%5B0%5D.order=ASC&nav=true' \
-H 'Accept: application/json, text/plain, */*' \

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 21,
        "searchResults": [
            {
                "id": 6150167,
                "createdAt": 1442949222375,
                "displayName": "r m",
                "firstName": "r",
                "lastName": "m",
                "uid": "harrison2728@juno.com",
                "emailAddress": "harrison2728@juno.com",
                "accountSource": "LOCAL",
                "inviteState": "Expired",
                "inviteResendCount": 0,
                "accountType": "USER",
                "enabled": true,
                "locked": false,
                "superUser": false,
                "termsAccepted": false,
                "accountSettings": "null",
                "mutable": true,
                "loginFailureCount": 0,
                "passwordHistory": "{}",
                "androidWorkUserStatus": "NONE",
                "androidWorkRetryCount": 0,
                "registrationPin": {
                    "createdAt": null,
                    "expiresAt": null,
                    "pin": null,
                    "used": false
                },
                "groups": [
                    "All Users"
                ],
                "deviceCount": 0
```

```
            },
…
        ],
        "offset": 0,
        "queryTime": 16,
        "facetedResults": {
            "ACCOUNTSOURCE": {
                "LOCAL": 21
            },
            "TERMSACCEPTED": {
                "false": 16,
                "true": 5
            },
            "INVITESTATE": {
                "Completed": 9,
                "Expired": 5,
                "None": 6,
                "Pending": 1
            },
            "ANDROIDWORKSTATUS": {
                "NONE": 21
            },
            "ACCOUNTGROUP": {
                "ForDocs": 1,
                "Group 8": 2,
                "All Users": 21,
                "North American Users": 1,
                "European Users": 1,
                "Appusers": 1
            }
        },
        "totalUnfilteredResultCount": 0
    }
}
```


Check Delete User Viability

This call informs you whether you can delete a specific user.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/api/v1/account?checkDeleteViability=true&ids={id}

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Query	ID of the target account. You get it with the Get All Accounts call.	47253017

Example Request

curl 'https://[mobileiron_cloud]/api/v1/account?checkDeleteViability=true&ids=47253017'

Example Response

```
{
    "errors": null,
    "result": {
        "searchResults": [ ],
        "totalCount": 0,
        "offset": 0,
        "limit": 0
    }
}
```

Delete User

This call deletes a user. You should run the Check Delete User Viability firt to determine whther you can delete the target user.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

DELETE

Request URI

/api/v1/account?id={id}

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Request body	ID of the target account. You get it with the Get All Accounts call.	47253017

Example Request

curl 'https://[mobileiron_cloud]/api/v1/account?id=47252222' -X DELETE

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Update User Account

This call updates a user's account information.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

/api/v1/account

Request Parameters

Parameter	Argument Type	Description	Example Value
displayName	Request body	New value for the display name. Cleared if not present in the call.	John Doe
androidWorkDeviceAccountEnabled	Request body	New value to enable android work device. true or false. Cleared if not present in the call.	false
emailAddress	Request body	New value for email address. Cleared if not present in the call.	johndoe@mobileiron.com

Parameter	Argument Type	Description	Example Value
firstName	Request body	New value for first name. Cleared if not present in the call.	John
lastName	Request body	New value for last name. Cleared if not present in the call.	Doe
enabled	Request body	New value to enable/disable the account. true or false. Cleared if not present in the call.	true
passwordNeverExpire	Request body	New value to indicate if password never expires for the account. true or false. Cleared if not present in the call.	false
gdprProfileId	Request body	New value for GDPR profile identifier. Cleared if not present in the call.	259
managedAppleId	Request body	New value for managed Apple identifier. Cleared if not present in the call.	aa@a.com
edipi	Request body	New value for Electronic Data Interchange Personal Identifier. Cleared if not present in the call.	1234567899

Parameter	Argument Type	Description	Example Value
password	Request body	New value for password.	Letme77in@
confirmPassword	Request body	New value for password.	Letme77in@
id	Request body	ID of the target account. You get it with the Get All Accounts call.	11193157

Example Request

```
curl --location --request PUT 'https://[mobileiron_cloud]/api/v1/account' \
--header 'Accept: application/json, text/plain, */*' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--header 'Authorization: Basic xxxxxEBzYW5kYm94Lm1vYmlsZWlyb24uY29tOk1pNG1hbjEx' \
--data-urlencode 'firstName=John' \
--data-urlencode 'lastName=Doe' \
--data-urlencode 'emailAddress=johndoe@mobileiron.com' \
--data-urlencode 'uid=johndoe@mobileiron.com' \
--data-urlencode 'displayName=John Doe' \
--data-urlencode 'id=11193157' \
--data-urlencode 'accountSource=LOCAL' \
--data-urlencode 'enabled=true' \
--data-urlencode 'managedAppleId=epsmith@a.com' \
--data-urlencode 'mamWithOutMDM=' \
--data-urlencode 'password=Letme77in@' \
--data-urlencode 'confirmPassword=Letme77in@' \
--data-urlencode 'edipi=1234567895' \
--data-urlencode 'androidWorkDeviceAccountEnabled=false' \
--data-urlencode 'gdprProfileId=' \
--data-urlencode 'passwordNeverExpire=true'
```

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Change Password

This call changes the password for the given account.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

/api/v1/account

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Request body	ID of the target account. You get it with the Get All Accounts call.	12477207
emailAddress	Request body	Email address associated with the target account. You get it with the Get All Accounts call.	fordocs@mobileiron.com
password	Request body	• New password for the account.	Clever78password
confirmPassword	Request body	• New password for the account.	Clever78password
enabled	Request body	Can be: • true • false NOTE: The default is false, therefore, if you do not send this parameter as true with the call, the account will be disabled.	true

Example Request

```
curl --location --request PUT 'https://[mobileiron_cloud]/api/v1/account' \
--header 'Accept: application/json, text/plain, */*' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--header 'Authorization: Basic xxxxxEBzYW5kYm94Lm1vYmlsZWlyb24uY29tOk1pNG1hbjEx' \
--data-urlencode 'emailAddress=fordocs@mobileiron.com' \
--data-urlencode 'id=12477207' \
--data-urlencode 'enabled=true' \
--data-urlencode 'password=Clever78password' \
--data-urlencode 'confirmPassword=Clever78password'
```

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Import LDAP User

There are two calls you use to accomplish the user import:

- Import LDAP User: Sends a request to import a specific LDAP user.
- Check LDAP Import Status: Checks the status of the import request.

- A suggested choreography is that after having issued the Import LDAP User call, you wait fifteen seconds and then issue the Check LDAP Import Status call. You can then re-issue the Check LDAP Import Status call every fifteen seconds until ninety seconds have elapsed.

This call sends a request to import an LDAP user.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

POST

Request URI

/api/v1/ldap/import/user

Request Parameters

Parameter	Argument Type	Description	Example Value
uidOrEmail	Path	User ID of the LDAP user to import.	testuser123623@ auto12.mobileiron.com
ldapServerName	Path	Optional. Name of the LDAP server. If no ldapServerName is specified, then the tenant should have a single LDAP server added and it will be used for the user search & import.	ldap-2k
sendInvite	Path	Optional. Specifies whether to send the user an email invitation.	true

Parameter	Argument Type	Description	Example Value
		Valid values: • true • false	
deviceOwnershipType	Path	Optional. Specifies whether to set device ownership. Valid values: • EMPLOYEE • COMPANY	EMPLOYEE

Example Request

$curl -X POST -u username:password -kv "https://[mobileiron_cloud]/api/v1/ldap/import/user?uidOrEmail=testuser123623@auto12.mobileiron.com&ldapServerName=ldap-2k&sendInvite=true"

Response Fields

Field	Description
errors	Errors returned by the call.
result	Returned request ID. You will use this value in the Check LDAP Import Status call.

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Check LDAP Import Status

This call checks whether the Import LDAP User call was successful.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/api/v1/ldap/import/user/status

Request Parameters

Parameter	Argument Type	Description	Example Value
requestId	Path	The request Id returned by the Import LDAP User call.	1

Example Request

```
$curl -X GET -u username:password -kv "https://mobileiron_
cloud/api/v1/ldap/import/user/status?requestId=1"
```

Response Fields

Field	Description
requestId	Errors returned by the call
status	The result set container
errorCode	The error code returned by the call. See the Example Responses below for the kinds of error codes the call may return.
errorMessage	The error message returned by the call. See the Example Responses below for the kinds of error messages the call may return.

Example Responses

User import successfully completed

```
{
    "requestId": 1,
    "status": "COMPLETED",
    "errorCode": "",
    "errorMessage": ""
}
```

User import in-progress

```
{
    "requestId": 1,
    "status": "IN_PROGRESS",
    "errorCode": "",
    "errorMessage": ""
}
```

User import failed - User not found

```
{
    "requestId": 1,
    "status": "FAILED",
```

```
    "errorCode": "LDAP_USER_IMPORT-106",
    "errorMessage": "The LDAP user unknown@auto12.mbileiron.com not found to import."
}
```

User import failed - Invalid Entry

```
{
    "requestId": 1,
    "status": "FAILED",
    "errorCode": "KC-103",
    "errorMessage": "The LDAP entry has invalid attribute to be imported."
}
```

Invalid LDAP server name

```
{
    "errors": {
        "globalErrors": [
            {
                "code": "LDAP_USER_IMPORT-103",
                "message": "No LDAP server with name invalid-ldap found."
            }
        ],
        "fieldErrors": null
    },
    "result": null
}
```

Request not found

```
{
    "errors": {
        "globalErrors": [
            {
                "code": "LDAP_USER_IMPORT-100",
                "message": "The LDAP user import request id 1 not found."
            }
        ],
        "fieldErrors": null
    },
    "result": null
}
```

Get Account Metadata

This gets account metadata for the current user. This is a useful call for finding the default content and space IDs for a user.

Authentication

This call requires Tenant Admin credentials

HTTP Method

GET

Request URI

api/v1/account/metadata

Request Parameter

Parameter	Description	Example Value
metadata	Instructs the API to get account metadata for the current user.	metadata

Example Request

https://[mobileiron cloud]/api/v1/account?metadata

Response Fields

Field	Description
errors	
result	
accountId	
displayName	
lastName	
firstName	
emailAddress	
defaultCmPartitionId	
defaultDmPartitionId	
globalAuthorities	
accountRole.to.group.update	
kocab.update	
contentstore.preview	
ldap.authenticate.user	
app.store.settings.update	
configurator.authtoken.read	
account.invite.admin	

Field	Description
accountGroup.delete	
ldap.server.sync	
sfdc.oauth.profile.update	
account.permission.tenant.read	
accountRole.delete	
accountGroup.create	
mizar.delete	
account.read	
account.password.reset	
partition.device.delete	
app.category.delete	
account.delete	
partition.device.update	
message.delete	
whitelabel.resource.tenant.read	
account.invite.enduser	
kocab.delete	
message.read	
partition.device.create	
sfdc.oauth.profile.read	
mizar.read	
accountRole.read	
alcor.update	
configurator.authtoken.create	
mizar.create	
partition.content.update	
alcor.delete	

Field	Description
app.search.googleplay	
accountRole.to.permission.update	
partition.content.read	
account.update	
account.send.message	
accountGroup.update	
message.create	
policy.certificate.store.read.all	
account.to.group.update	
partition.content.create	
alcor.create	
account.preferences.change	
ldap.search.group	
policy.template.tenant.read	
report.snapshot.read	
configurator.authtoken.delete	
accountRole.update	
account.password.change	
kocab.create	
appstore.preview	
ldap.server.persist.generic	
device.register	
eula.tenant.read	
accountRole.to.account.update	
kocab.read	
app.category.create	
app.category.update	

Field	Description
open.sfdc.support.case	
tenant.settings.update	
mizar.update	
report.metadata.read	
ldap.server.default.read	
ldap.persist.organizationalUnit	
ldap.search.generic	
accountGroup.to.role.update	
alcor.read	
audit.account.read	
account.generate.pin	
ldap.server.test.connection	
accountRole.create	
ldap.server.read	
report.trending.read	
ldap.server.update	
content.category.update	
accountGroup.to.account.update	
content.category.delete	
account.create	
app.category.read	
ldap.search.organizationalUnit	
configurator.plist.read	
ldap.server.delete	
tenant.settings.read	
ldap.persist.group	
ldap.server.decouple.generic	

Field	Description
partition.device.read	
ldap.persist.user	
app.store.settings.read	
message.update	
content.category.create	
accountGroup.read	
content.category.read	
audit.accountGroup.read	
eula.tenant.accept	
utils.x509.fingerprint.read	
ldap.search.user	
app.search.itunes	
ldap.server.create	
account.to.role.update	
accountGroup.to.group.update	
dmPartitions	
23000	
name	
authorities	
policy.subscribedCalendar.create	
policy.passcode.delete	
policy.sso.account.update	
policy.scep.to.ruleGroup.update	
policy.identity.certificate.dg.to.ruleGroup.update	
policy.subscribedCalendar.update	
policy.opaque.ios.create	
policy.cellular.create	

Field	Description
policy.aim.audit.read	
policy.jabber.delete	
policy.appconnect.zone.config.update	
policy.certificate.create	
mdm.queue.delete	
policy.device.registration.audit.read	
policy.user.interface.settings.delete	
policy.apn.to.ruleGroup.update	
policy.identity.certificate.dg.update	
policy.app.lock.delete	
policy.air.play.read	
policy.android.lockdown.create	
policy.webclip.read	
policy.email.read	
policy.identityCertificate.to.ruleGroup.update	
policy.mdm.audit.read	
policy.android.kiosk.create	
policy.opaque.ios.delete	
device.stop.mirroring	
device.delete	
policy.device.registration.read	
policy.org.info.setting.update	
policy.appconnect.zone.config.delete	
policy.android.kiosk.to.ruleGroup.update	
policy.email.delete	
policy.apn.read	
policy.exchange.update	

Field	Description
policy.vpn.read	
policy.air.print.to.ruleGroup.update	
policy.font.delete	
policy.web.content.filter.to.ruleGroup.update	
policy.subscribedCalendar.read	
policy.telecom.settings.delete	
policy.apn.update	
policy.android.encryption.create	
policy.certificate.audit.read	
policy.web.content.filter.audit.read	
policy.provisioningProfile.create	
policy.jabber.audit.read	
policy.font.read	
policy.localCa.audit.read	
ca.create	
policy.exchange.delete	
policy.vpn.ondemand.update	
policy.application.access.audit.read	
policy.android.kiosk.delete	
policy.cellular.delete	
policy.localCa.to.ruleGroup.update	
policy.restrictions.read	
policy.cellular.update	
policy.jabber.update	
policy.email.to.ruleGroup.update	
policy.vpn.ondemand.read	
policy.org.info.setting.to.rule.group.update	

Field	Description
policy.device.registration.create	
policy.telecom.settings.update	
policy.appconnect.app.config.audit.read	
policy.vpn.per.app.read	
policy.vpn.per.app.update	
policy.scep.create	
policy.osx.restrictions.audit.read	
policy.caldav.create	
policy.app.lock.create	
policy.osx.restrictions.to.ruleGroup.update	
policy.sso.account.to.ruleGroup.update	
policy.app.lock.read	
policy.caldav.to.ruleGroup.update	
policy.certificate.store.create	
policy.appconnect.app.policy.delete	
policy.webclip.to.ruleGroup.update	
policy.email.update	
policy.apn.create	
device.retire	
policy.osx.restrictions.update	
policy.application.access.update	
policy.appconnect.app.policy.audit.read	
policy.webclip.create	
policy.ldap.audit.read	
policy.app.lock.update	
policy.sync.delete	
policy.identityCertificate.audit.read	

Field	Description
policy.vpn.per.app.delete	
policy.appconnect.zone.config.read	
policy.android.lockdown.audit.read	
policy.aim.to.ruleGroup.update	
policy.exchange.read	
ruleGroup.update	
policy.vpn.ondemand.audit.read	
policy.carddav.create	
policy.restrictions.delete	
policy.vpn.to.ruleGroup.update	
policy.vpn.create	
policy.user.interface.settings.update	
policy.web.content.filter.create	
policy.appconnect.app.config.read	
app.inventory.read	
device.push.profile	
policy.jabber.to.ruleGroup.update	
policy.aim.update	
policy.sync.audit.read	
policy.device.registration.to.ruleGroup.update	
policy.scep.read	
policy.osx.restrictions.read	
policy.certificate.store.read	
policy.org.info.setting.read	
&# 160; policy.appconnect.app.policy.to.ruleGroup.update	
device.send.message	
policy.android.lockdown.read	

Field	Description
policy.vpn.per.app.audit.read	
policy.android.encryption.to.ruleGroup.update	
policy.jabber.read	
policy.identityCertificate.read	
policy.sync.update	
policy.vpn.audit.read	
policy.policy.delete	
policy.sharepoint.create	
policy.user.interface.settings.read	
policy.general.ios.read	
policy.sharepoint.delete	
policy.vpn.delete	
ca.delete	
policy.ldap.update	
policy.sharepoint.update	
policy.sync.to.ruleGroup.update	
policy.osx.restrictions.create	
policy.scep.update	
policy.web.content.filter.delete	
policy.android.lockdown.to.ruleGroup.update	
policy.policy.create	
policy.scep.delete	
policy.font.create	
policy.cellular.audit.read	
policy.certificate.store.delete	
policy.app.lock.audit.read	
policy.general.ios.audit.read	

Field	Description
ruleGroup.read	
policy.font.to.ruleGroup.update	
policy.appconnect.zone.config.to.ruleGroup.update	
policy.general.ios.update	
policy.passcode.to.ruleGroup.update	
policy.org.info.setting.audit.read	
policy.sync.create	
policy.email.create	
policy.android.encryption.read	
policy.carddav.read	
policy.provisioningProfile.delete	
ca.read	
policy.wifi.to.ruleGroup.update	
policy.appconnect.app.config.create	
policy.identity.certificate.dg.read	
device.read	
policy.android.encryption.audit.read	
policy.certificate.store.update	
policy.android.encryption.update	
policy.restrictions.audit.read	
policy.identity.certificate.dg.delete	
policy.webclip.update	
device.force.checkin	
policy.restrictions.update	
policy.identityCertificate.delete	
policy.carddav.audit.read	
policy.application.access.create	

Field	Description
policy.sso.account.read	
policy.opaque.ios.to.ruleGroup.update	
policy.restrictions.to.ruleGroup.update	
policy.air.print.create	
ruleGroup.create	
policy.web.content.filter.read	
policy.appconnect.app.config.to.ruleGroup.update	
policy.passcode.create	
policy.webclip.delete	
policy.apn.delete	
policy.provisioningProfile.update	
policy.air.print.update	
policy.appconnect.app.policy.read	
device.wipe	
policy.vpn.ondemand.to.ruleGroup.update	
policy.ldap.delete	
policy.passcode.update	
policy.localCa.create	
policy.exchange.to.ruleGroup.update	
policy.exchange.create	
policy.global.proxy.delete	
policy.air.play.to.ruleGroup.update	
policy.org.info.setting.delete	
policy.android.kiosk.audit.read	
policy.cellular.to.ruleGroup.update	
policy.sharepoint.read	
policy.user.interface.settings.audit.read	

Field	Description
policy.wifi.update	
policy.telecom.settings.read	
policy.apn.audit.read	
policy.scep.audit.read	
policy.global.proxy.audit.read	
ca.update	
policy.policy.to.ruleGroup.update	
policy.carddav.to.ruleGroup.update	
policy.mdm.read	
policy.certificate.delete	
policy.font.audit.read	
policy.device.registration.update	
policy.telecom.settings.to.ruleGroup.update	
policy.web.content.filter.update	
policy.jabber.create	
policy.provisioningProfile.to.ruleGroup.update	
policy.device.registration.delete	
policy.localCa.read	
device.create	
policy.caldav.read	
policy.application.access.to.ruleGroup.update	
policy.air.print.read	
policy.email.audit.read	
policy.wifi.delete	
policy.identityCertificate.update	
policy.global.proxy.to.ruleGroup.update	
policy.android.lockdown.delete	

Field	Description
policy.identityCertificate.create	
policy.appconnect.app.config.delete	
policy.localCa.update	
policy.identity.certificate.dg.create	
policy.wifi.audit.read	
policy.sync.read	
policy.certificate.read	
policy.air.play.create	
policy.carddav.update	
policy.opaque.ios.read	
policy.air.print.delete	
policy.caldav.audit.read	
policy.app.lock.to.ruleGroup.update	
policy.passcode.audit.read	
device.start.mirroring	
policy.caldav.delete	
policy.sso.account.delete	
device.unlock	
policy.caldav.update	
policy.global.proxy.update	
device.wipe.cancel	
policy.subscribedCalendar.to.ruleGroup.update	
policy.general.ios.to.ruleGroup.update	
policy.cellular.read	
policy.appconnect.zone.config.audit.read	
policy.read	
policy.vpn.per.app.to.ruleGroup.update	

Field	Description
policy.sharepoint.to.ruleGroup.update	
policy.ldap.to.ruleGroup.update	
policy.policy.read	
policy.carddav.delete	
policy.webclip.audit.read	
policy.sso.account.audit.read	
policy.mdm.delete	
policy.opaque.ios.update	
policy.localCa.delete	
policy.general.ios.delete	
policy.restrictions.create	
policy.global.proxy.read	
policy.user.interface.settings.create	
policy.identity.certificate.dg.audit.read	
policy.subscribedCalendar.audit.read	
policy.air.play.delete	
policy.application.access.read	
policy.air.play.update	
policy.appconnect.zone.config.create	
policy.exchange.audit.read	
policy.user.interface.settings.to.ruleGroup.update	
policy.mdm.update	
device.lock	
policy.policy.update	
device.update	
policy.aim.create	
policy.policy.audit.read	

Field	Description
policy.sso.account.create	
ruleGroup.delete	
policy.telecom.settings.create	
policy.vpn.update	
policy.ldap.create	
policy.android.lockdown.update	
policy.certificate.update	
device.locate	
policy.mdm.to.ruleGroup.update	
policy.global.proxy.create	
policy.sharepoint.audit.read	
policy.org.info.setting.create	
policy.ldap.read	
policy.osx.restrictions.delete	
policy.subscribedCalendar.delete	
policy.passcode.read	
policy.provisioningProfile.audit.read	
policy.provisioningProfile.read	
policy.vpn.ondemand.create	
policy.certificate.to.ruleGroup.update	
policy.android.kiosk.read	
policy.vpn.ondemand.delete	
policy.aim.delete	
policy.android.kiosk.update	
policy.vpn.per.app.create	
policy.appconnect.app.config.update	
mdm.queue.read	

Field	Description
device.retire.cancel	
policy.air.print.audit.read	
policy.application.access.delete	
policy.appconnect.app.policy.create	
policy.android.encryption.delete	
policy.wifi.create	
policy.appconnect.app.policy.update	
policy.mdm.create	
policy.air.play.audit.read	
policy.opaque.ios.audit.read	
policy.wifi.read	
policy.font.update	
policy.telecom.settings.audit.read	
policy.aim.read	
policy.general.ios.create	
cmPartitions	
20000	
name	
authorities	
vpp.order.delete	
vpp.code.read	
content.update	
content.delete	
app.distribution.read	
app.distribution.update	
vpp.license.delete	
vpp.license.sync	

Field	Description
vpp.license.update	
app.read	
vpp.profile.read	
vpp.profile.create	
audit.app.read	
app.review.update	
app.review.delete	
app.update	
vpp.license.read	
app.review.read	
audit.content.read	
content.read	
vpp.code.update	
app.delete	
vpp.order.read	
content.distribution.update	
vpp.order.update	
content.create	
vpp.order.create	
content.distribution.read	
app.rating.update	
app.rating.read	
app.create"	
groupIdAllUsers	
allDevicesRuleGroupId	
preferences	
reportDefinitions	

Field	Description
reportName	
dimName	
dimKeys	
dim2Name	
dim2Keys	
rangeStart	
rangeEnd	
chartUuid	
chartName	
chartType	
chartSubType	
chartTimeRangeMillis	
reportName	
dimName	
dimKeys	
dim2Name	
dim2Keys	
rangeStart	
rangeEnd	
chartUuid	
chartName	
chartType	
chartSubType	
chartTimeRangeMillis	
reportName	
dimName	
dimKeys	

Field	Description
dim2Name	
dim2Keys	
rangeStart	
rangeEnd	
chartUuid	
chartName	
chartType	
chartSubType	
chartTimeRangeMillis	
userTableColumnDefinition	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
deviceTableColumnDefinition	
name	
show	
name	
show	
name	
show	

Field	Description
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
appTableColumnDefinition	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	

Field	Description
name	
show	
name	
show	
configTableColumnDefinition	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
appInventoryTableColumnDefinition	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
name	

Field	Description
show	
userGroupTableColumnDefinition	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
deviceGroupTableColumnDefinition	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
contentTableColumnDefinition	
name	

Field	Description
show	
name	
show	
name	
show	
name	
show	
name	
show	
policyTableColumnDefinition	
name	
show	
name	
show	
name	
show	
name	
show	
name	
show	
appReviewTableColumnDefinition	
name	
show	
name	
show	
name	
show	

Field	Description
name	
show	
name	
show	
name	
show	
name	
show	
uiDefaultDmPartitionId	
uiDefaultCmPartitionId	

Example Response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{
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    "result": {
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        "displayName": null,
        "lastName": "LastName0001",
        "firstName": "FirstName0001",
        "emailAddress": "miadmin@auto0001.mobileiron.com",
        "defaultCmPartitionId": 20000,
        "defaultDmPartitionId": 23000,
        "globalAuthorities": [
            "accountRole.to.group.update",
            "kocab.update",
            "contentstore.preview",
            "ldap.authenticate.user",
            "app.store.settings.update",
            "configurator.authtoken.read",
            "account.invite.admin",
            "accountGroup.delete",
            "ldap.server.sync",
            "sfdc.oauth.profile.update",
            "account.permission.tenant.read",
            "accountRole.delete",
            "accountGroup.create",
            "mizar.delete",
            "account.read",
            "account.password.reset",
            "partition.device.delete",
            "app.category.delete",
            "account.delete",
            "partition.device.update",
            "message.delete",
            "whitelabel.resource.tenant.read",
```

```
"account.invite.enduser",
"kocab.delete",
"message.read",
"partition.device.create",
"sfdc.oauth.profile.read",
"mizar.read",
"accountRole.read",
"alcor.update",
"configurator.authtoken.create",
"mizar.create",
"partition.content.update",
"alcor.delete",
"app.search.googleplay",
"accountRole.to.permission.update",
"partition.content.read",
"account.update",
"account.send.message",
"accountGroup.update",
"message.create",
"policy.certificate.store.read.all",
"account.to.group.update",
"partition.content.create",
"alcor.create",
"account.preferences.change",
"ldap.search.group",
"policy.template.tenant.read",
"report.snapshot.read",
"configurator.authtoken.delete",
"accountRole.update",
"account.password.change",
"kocab.create",
"appstore.preview",
"ldap.server.persist.generic",
"device.register",
"eula.tenant.read",
"accountRole.to.account.update",
"kocab.read",
"app.category.create",
"app.category.update",
"open.sfdc.support.case",
"tenant.settings.update",
"mizar.update",
"report.metadata.read",
"ldap.server.default.read",
"ldap.persist.organizationalUnit",
"ldap.search.generic",
"accountGroup.to.role.update",
"alcor.read",
"audit.account.read",
"account.generate.pin",
"ldap.server.test.connection",
"accountRole.create",
"ldap.server.read",
"report.trending.read",
"ldap.server.update",
"content.category.update",
"accountGroup.to.account.update",
"content.category.delete",
"account.create",
"app.category.read",
"ldap.search.organizationalUnit",
"configurator.plist.read",
"ldap.server.delete",
"tenant.settings.read",
"ldap.persist.group",
"ldap.server.decouple.generic",
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        "partition.device.read",
        "ldap.persist.user",
        "app.store.settings.read",
        "message.update",
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        "accountGroup.read",
        "content.category.read",
        "audit.accountGroup.read",
        "eula.tenant.accept",
        "utils.x509.fingerprint.read",
        "ldap.search.user",
        "app.search.itunes",
        "ldap.server.create",
        "account.to.role.update",
        "accountGroup.to.group.update"
    ],
    "dmPartitions": {
        "23000": {
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            "authorities": [
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                "policy.passcode.delete",
                "policy.sso.account.update",
                "policy.scep.to.ruleGroup.update",
                "policy.identity.certificate.dg.to.ruleGroup.update",
                "policy.subscribedCalendar.update",
                "policy.opaque.ios.create",
                "policy.cellular.create",
                "policy.aim.audit.read",
                "policy.jabber.delete",
                "policy.appconnect.zone.config.update",
                "policy.certificate.create",
                "mdm.queue.delete",
                "policy.device.registration.audit.read",
                "policy.user.interface.settings.delete",
                "policy.apn.to.ruleGroup.update",
                "policy.identity.certificate.dg.update",
                "policy.app.lock.delete",
                "policy.air.play.read",
                "policy.android.lockdown.create",
                "policy.webclip.read",
                "policy.email.read",
                "policy.identityCertificate.to.ruleGroup.update",
                "policy.mdm.audit.read",
                "policy.android.kiosk.create",
                "policy.opaque.ios.delete",
                "device.stop.mirroring",
                "device.delete",
                "policy.device.registration.read",
                "policy.org.info.setting.update",
                "policy.appconnect.zone.config.delete",
                "policy.android.kiosk.to.ruleGroup.update",
                "policy.email.delete",
                "policy.apn.read",
                "policy.exchange.update",
                "policy.vpn.read",
                "policy.air.print.to.ruleGroup.update",
                "policy.font.delete",
                "policy.web.content.filter.to.ruleGroup.update",
                "policy.subscribedCalendar.read",
                "policy.telecom.settings.delete",
                "policy.apn.update",
                "policy.android.encryption.create",
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                "policy.web.content.filter.audit.read",
                "policy.provisioningProfile.create",
```

```
"policy.jabber.audit.read",
"policy.font.read",
"policy.localCa.audit.read",
"ca.create",
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"policy.cellular.delete",
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"policy.cellular.update",
"policy.jabber.update",
"policy.email.to.ruleGroup.update",
"policy.vpn.ondemand.read",
"policy.org.info.setting.to.rule.group.update",
"policy.device.registration.create",
"policy.telecom.settings.update",
"policy.appconnect.app.config.audit.read",
"policy.vpn.per.app.read",
"policy.vpn.per.app.update",
"policy.scep.create",
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"policy.app.lock.create",
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"policy.sso.account.to.ruleGroup.update",
"policy.app.lock.read",
"policy.caldav.to.ruleGroup.update",
"policy.certificate.store.create",
"policy.appconnect.app.policy.delete",
"policy.webclip.to.ruleGroup.update",
"policy.email.update",
"policy.apn.create",
"device.retire",
"policy.osx.restrictions.update",
"policy.application.access.update",
"policy.appconnect.app.policy.audit.read",
"policy.webclip.create",
"policy.ldap.audit.read",
"policy.app.lock.update",
"policy.sync.delete",
"policy.identityCertificate.audit.read",
"policy.vpn.per.app.delete",
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"policy.exchange.read",
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"policy.restrictions.delete",
"policy.vpn.to.ruleGroup.update",
"policy.vpn.create",
"policy.user.interface.settings.update",
"policy.web.content.filter.create",
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"app.inventory.read",
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"policy.user.interface.settings.read",
"policy.general.ios.read",
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"policy.vpn.delete",
"ca.delete",
"policy.ldap.update",
"policy.sharepoint.update",
"policy.sync.to.ruleGroup.update",
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"policy.sso.account.read",
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"policy.appconnect.app.policy.read",
"device.wipe",
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"policy.passcode.update",
"policy.localCa.create",
"policy.exchange.to.ruleGroup.update",
"policy.exchange.create",
"policy.global.proxy.delete",
"policy.air.play.to.ruleGroup.update",
"policy.org.info.setting.delete",
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"policy.cellular.to.ruleGroup.update",
"policy.sharepoint.read",
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"policy.wifi.update",
"policy.telecom.settings.read",
"policy.apn.audit.read",
"policy.scep.audit.read",
"policy.global.proxy.audit.read",
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"policy.policy.to.ruleGroup.update",
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"policy.air.play.create",
"policy.carddav.update",
"policy.opaque.ios.read",
"policy.air.print.delete",
"policy.caldav.audit.read",
"policy.app.lock.to.ruleGroup.update",
"policy.passcode.audit.read",
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"policy.sharepoint.to.ruleGroup.update",
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"policy.exchange.audit.read",
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"policy.policy.audit.read",
"policy.sso.account.create",
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"policy.ldap.create",
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"policy.aim.delete",
"policy.android.kiosk.update",
"policy.vpn.per.app.create",
"policy.appconnect.app.config.update",
"mdm.queue.read",
"device.retire.cancel",
"policy.air.print.audit.read",
"policy.application.access.delete",
"policy.appconnect.app.policy.create",
"policy.android.encryption.delete",
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                "policy.opaque.ios.audit.read",
                "policy.wifi.read",
                "policy.font.update",
                "policy.telecom.settings.audit.read",
                "policy.aim.read",
                "policy.general.ios.create"
            ]
        }
    },
    "cmPartitions": {
        "20000": {
            "name": "Root Partition",
            "authorities": [
                "vpp.order.delete",
                "vpp.code.read",
                "content.update",
                "content.delete",
                "app.distribution.read",
                "app.distribution.update",
                "vpp.license.delete",
                "vpp.license.sync",
                "vpp.license.update",
                "app.read",
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                "app.review.update",
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                "app.review.read",
                "audit.content.read",
                "content.read",
                "vpp.code.update",
                "app.delete",
                "vpp.order.read",
                "content.distribution.update",
                "vpp.order.update",
                "content.create",
                "vpp.order.create",
                "content.distribution.read",
                "app.rating.update",
                "app.rating.read",
                "app.create"
            ]
        }
    },
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    "allDevicesRuleGroupId": 38000,
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                "dimName": "platform",
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                "dim2Keys": null,
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                "chartName": "Devices By OS Type",
                "chartType": "pie",
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            "reportName": "Accounts",
            "dimName": "invitestate",
            "dimKeys": null,
            "dim2Name": "all",
            "dim2Keys": null,
            "rangeStart": null,
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            "chartUuid": "chartId-3",
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            "chartType": "pie",
            "chartSubType": "pie",
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            "dimName": "model",
            "dimKeys": null,
            "dim2Name": "all",
            "dim2Keys": null,
            "rangeStart": null,
            "rangeEnd": null,
            "chartUuid": "chartId-4",
            "chartName": "Devices By Model",
            "chartType": "pie",
            "chartSubType": "pie",
            "chartTimeRangeMillis": 604800000
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            "name": "userTable_checkbox",
            "show": true
        },
        {
            "name": "userTable_displayName",
            "show": true
        },
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            "show": true
        },
        {
            "name": "userTable_emailAddress",
            "show": true
        },
        {
            "name": "userTable_inviteState",
            "show": true
        }
    ],
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            "show": true
        },
        {
            "name": "deviceList_displayName",
            "show": true
        },
        {
            "name": "deviceList_emailAddress",
            "show": true
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            {
                "name": "deviceList_phoneNumber",
                "show": true
            },
            {
                "name": "deviceList_platformType",
                "show": true
            },
            {
                "name": "deviceList_prettyModel",
                "show": true
            },
            {
                "name": "deviceList_registrationState",
                "show": true
            },
            {
                "name": "deviceList_lastCheckin",
                "show": true
            },
            {
                "name": "deviceList_violationCount",
                "show": true
            }
        ],
        "appTableColumnDefinition": [
            {
                "name": "appTable_name",
                "show": true
            },
            {
                "name": "appTable_platformType",
                "show": true
            },
            {
                "name": "appTable_avgRating",
                "show": true
            },
            {
                "name": "appTable_distribution",
                "show": true
            },
            {
                "name": "appTable_installed",
                "show": true
            },
            {
                "name": "appTable_appType",
                "show": true
            },
            {
                "name": "appTable_cost",
                "show": true
            },
            {
                "name": "appTable_size",
                "show": true
            },
            {
                "name": "appTable_license",
                "show": true
            }
        ],
        "configTableColumnDefinition": [
            {
```

```
            "name": "configTable_status",
            "show": true
        },
        {
            "name": "configTable_name",
            "show": true
        },
        {
            "name": "configTable_updated",
            "show": true
        },
        {
            "name": "configTable_policyType",
            "show": true
        },
        {
            "name": "configTable_devicesCount",
            "show": true
        }
    ],
    "appInventoryTableColumnDefinition": [
        {
            "name": "appInventoryTable_name",
            "show": true
        },
        {
            "name": "appInventoryTable_installCount",
            "show": true
        },
        {
            "name": "appInventoryTable_platformType",
            "show": true
        },
        {
            "name": "appInventoryTable_appType",
            "show": true
        },
        {
            "name": "appInventoryTable_version",
            "show": true
        },
        {
            "name": "appInventoryTable_size",
            "show": true
        }
    ],
    "userGroupTableColumnDefinition": [
        {
            "name": "userGroupTable_checkbox",
            "show": true
        },
        {
            "name": "userGroupTable_name",
            "show": true
        },
        {
            "name": "userGroupTable_modifiedAt",
            "show": true
        },
        {
            "name": "userGroupTable_userCount",
            "show": true
        },
        {
            "name": "userGroupTable_deviceCount",
            "show": true
```

```
        },
        {
            "name": "userGroupTable_applicationCount",
            "show": true
        }
    ],
    "deviceGroupTableColumnDefinition": [
        {
            "name": "deviceGroupsTable_checkbox",
            "show": true
        },
        {
            "name": "deviceGroupsTable_name",
            "show": true
        },
        {
            "name": "deviceGroupsTable_memberCount",
            "show": true
        },
        {
            "name": "deviceGroupsTable_assignedConfigs",
            "show": true
        },
        {
            "name": "deviceGroupsTable_assignedPolicies",
            "show": true
        }
    ],
    "contentTableColumnDefinition": [
        {
            "name": "contentTable_images",
            "show": true
        },
        {
            "name": "contentTable_name",
            "show": true
        },
        {
            "name": "contentTable_author",
            "show": true
        },
        {
            "name": "contentTable_prettyContentType",
            "show": true
        },
        {
            "name": "contentTable_modifiedAt",
            "show": true
        }
    ],
    "policyTableColumnDefinition": [
        {
            "name": "policyTable_name",
            "show": true
        },
        {
            "name": "policyTable_type",
            "show": true
        },
        {
            "name": "policyTable_distributionCount",
            "show": true
        },
        {
            "name": "policyTable_activeViolationsCount",
            "show": true
```

```
                    },
                    {
                        "name": "policyTable_complianceAction",
                        "show": true
                    }
                ],
                "appReviewTableColumnDefinition": [
                    {
                        "name": "appReviewTable_checkbox",
                        "show": true
                    },
                    {
                        "name": "appReviewTable_name",
                        "show": true
                    },
                    {
                        "name": "appReviewTable_platformType",
                        "show": true
                    },
                    {
                        "name": "appReviewTable_modifiedBy",
                        "show": true
                    },
                    {
                        "name": "appReviewTable_reviewer",
                        "show": true
                    },
                    {
                        "name": "appReviewTable_rating",
                        "show": true
                    },
                    {
                        "name": "appReviewTable_title",
                        "show": true
                    }
                ],
                "uiDefaultDmPartitionId": 23000,
                "uiDefaultCmPartitionId": 20000
            }
        }
    }
```


Apply a Custom Attribute to a User

This applies a custom attribute to a single user.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PATCH

Request URI

/api/v1/account/customattributes

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Request Body	ID of the user to which you would like to assign a custom attribute.	9931017
attrs	Request Body	Sub-container for the custom attribute statement	"attrs":{"attrs": {"ios":["10"]}}
attrs	Request Body	• Container for the custom attributes to apply •	{"attrs":{"ios": ["10"]}}
forceOverwrite	Request Body	• Specify whether to overwite an existing value. • true of false	true

Example Request

```
curl 'https://na1.anyware.com/api/v1/account/customattributes' -X PATCH -H 'Content-Type:
application/json;charset=UTF-8' -H 'Accept: application/json, text/plain, */*' --data-binary
'{
    "ids": [
        "9931017"
    ],
    "attrs": {
        "attrs": {
            "ios": [
                "10"
            ]
        }
    },
    "forceOverwrite": true
}
' --compressed
```

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Search for a User by User ID (UID)

This call searches for a user by the user's user ID (UID).

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/api/v1/account?fq=UID%3DUID

Request Parameters

Parameter	Argument Type	Description	Example Value
fq=UID%3DUID	Query Path	The query searching for thje user by the user ID. %3D is = url encoded. UID is the user ID to search for.	fq=UID%3DJoe@mobileiron.com

Example Request

https://[mobileiron cloud]/api/v1/account?fq=UID%3Djdoe@mobileiron.com

Response Fields

Field	Description
errors	
result	
totalCount	
queryTime	
searchResults	
id	
createdAt	
displayName	
firstName	
lastName	
uid	
emailAddress	

Field	Description
accountSource	
inviteState	
inviteResendCount	
accountType	
enabled	
locked	
superUser	
termsAccepted	
mutable	Can be modified by default.
loginFailureCount	
loginSuccessAt	
passwordHistory	
registrationPin	
createdAt	
expiresAt	
used	
groups	
All Users"	
Engineering"	
deviceCount	
offset	
facetedResults	
ACCOUNTSOURCE	
LDAP	
LOCAL	
SALESFORCE	
false	

Field	Description
true	
ACCOUNTGROUP	
Professional Services	
Sales	
xteam	
EMEA-ISR	
UG2	
Anyware-Validate	
Demo Group	
Russ	
sbhasin	
UX Team	
Newell North America	
洋一テストユーザーグループ	
Customer Success	
IT Test Group	
Engineering	
Business Development	
Newell Georgia	
Marketing	
EMEA-Partner-Helpdesk	
all-productmanagers	
UX	
Newell	
RichardLi	
SE	
QA	

Field	Description
SAFE - Native Samsung Users	
Roupen Group	
IT	
Anyware-Validate2	
System Administrators	
Supervised Devices	
Vinay Parihar	
Tyson Wheeler - Android	
UG1	
RamseyNJesse	
Default Group	
All Users	
Sales Ops	
CN	
Japan	
Mirko	
INVITESTATE	
Expired	
Completed	
None	
Pending	
totalUnfilteredResultCount	

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 1,
        "queryTime": 3,
        "searchResults": [
            {
                "id": 10022,
                "createdAt": 1372188681178,
                "displayName": "John Doe",
                "firstName": "John",
                "lastName": "Doe",
```

```
            "uid": "jDoe@mobileiron.com",
            "emailAddress": "jDoe@mobileiron.com",
            "accountSource": "LOCAL",
            "inviteState": "Completed",
            "inviteResendCount": 0,
            "accountType": "USER",
            "enabled": true,
            "locked": false,
            "superUser": false,
            "termsAccepted": false,
            "mutable": true,
            "loginFailureCount": 0,
            "loginSuccessAt": 1416614208360,
            "passwordHistory": "{}",
            "registrationPin": {
                "createdAt": null,
                "expiresAt": null,
                "used": false
            },
            "groups": [
                "All Users",
                "Engineering"
            ],
            "deviceCount": 0
        }
    ],
    "offset": 0,
    "facetedResults": {
        "ACCOUNTSOURCE": {
            "LDAP": 0,
            "LOCAL": 1,
            "SALESFORCE": 0
        },
        "TERMSACCEPTED": {
            "false": 0,
            "true": 1
        },
        "ACCOUNTGROUP": {
            "Professional Services": 0,
            "Sales": 0,
            "xteam": 0,
            "EMEA-ISR": 0,
            "UG2": 0,
            "Anyware-Validate": 0,
            "Demo Group": 0,
            "Russ": 0,
            "sbhasin": 0,
            "UX Team": 0,
            "Newell North America": 0,
            "洋一テストユーザーグループ": 0,
            "Customer Success": 0,
            "IT Test Group": 0,
            "Engineering": 1,
            "Business Development": 0,
            "Newell Georgia": 0,
            "Marketing": 0,
            "EMEA-Partner-Helpdesk": 0,
            "all-productmanagers": 0,
            "UX": 0,
            "Newell": 0,
            "RichardLi": 0,
            "SE": 0,
            "QA": 0,
            "SAFE - Native Samsung Users": 0,
            "Roupen Group": 0,
            "IT": 0,
```

```
                "Anyware-Validate2": 0,
                "System Administrators": 0,
                "Supervised Devices": 0,
                "Vinay Parihar": 0,
                "Tyson Wheeler - Android": 0,
                "UG1": 0,
                "RamseyNJesse": 0,
                "Default Group": 0,
                "All Users": 1,
                "Sales Ops": 0,
                "CN": 0,
                "Japan": 0,
                "Mirko": 0
            },
            "INVITESTATE": {
                "Expired": 0,
                "Completed": 1,
                "None": 0,
                "Pending": 0
            }
        },
        "totalUnfilteredResultCount": 261
    }
}
```


Configuring User Device Registration Settings

This call controls if the user should be prompted for a password, password and PIN, or PIN only when registering a device. You need to set this to PIN to enable the following call, Generate User Registration PIN, to be successful.

Authentication

This call requires tenant admin credentials.

HTTP Method

PUT

Request URI

/api/v1/userpolicy

Request Parameters

Parameter	Argument Type	Description	Example Value
policyType	Query string		REGISTRATION_AUTH
deletable	Request body		false
description	Request body		Pin Only

Parameter	Argument Type	Description	Example Value
distributionMutable	Request body		false
enabled	Request body		true
name	Request body		Device Registration Authentication Type
pinLength	Request body		4
pinLifetimeMillis	Request body		604800000
pinResetByUser	Request body		true
pinType	Request body		NUMERIC
policyDataMutable	Request body		true
priority	Request body		2147483647
priorityMutable	Request body		false
registrationAuthMode	Request body		PIN
systemName	Request body		registrationAuthUserPolicy
uuid	Request body	Read-only	e2f22cfe-2757-4256-b46e-a3011cdf6080

Example Request

Example Request URL

https://[mobileiron cloud]/api/v1/userpolicy?policyType=REGISTRATION_AUTH

Example Request Body - Parsed

```
deletable: false
description: "PIN Only Setting"
distributionMutable: false
enabled: true
id: 50582
name: "Device Registration Authentication Type"
pinLength: 4
pinLifetimeMillis: 604800000
pinResetByUser: true
pinType: "NUMERIC"
policyDataMutable: true
policyType: "REGISTRATION_AUTH"
priority: 2147483647
priorityMutable: false
registrationAuthMode: "PIN"
systemName: "registrationAuthUserPolicy"
uuid: "65ca6590-b1a7-46d5-afcc-469c0f71526b"
Example Request Body - Source
```

```
{"systemName":"registrationAuthUserPolicy","name":"Device Registration Authentication
Type","description":"PIN Only Setting","policyType":"REGISTRATION_
AUTH","priority":2147483647,"enabled":true,"policyDataMutable":true,
"distributionMutable":false,"priorityMutable":false,"deletable":false,"registrationAuthMode
":"PIN",
"pinType":"NUMERIC","pinLength":4,"pinLifetimeMillis":604800000,"pinResetByUser":true}
```


Example CURL

```
curl "https://[mobileiron cloud]/api/v1/userpolicy?policyType=REGISTRATION_AUTH" -X PUT  --
data-binary "
{""id"":50582,""createdAt"":1395521907150,""createdBy"":1,""modifiedAt"":1395521907150,""mo
difiedBy"":null,""uuid"":""65ca6590-b1a7-46d5-afcc-
469c0f71526b"",""systemName"":""registrationAuthUserPolicy"",""name"":""Device Registration
Authentication Type"",""description"":""PIN Only Setting"",""policyType"":""REGISTRATION_
AUTH"",""priority"":2147483647,""enabled"":true,""policyDataMutable"":true,""distributionMu
table"":false,"
"priorityMutable"":false,""deletable"":false,""registrationAuthMode"":""PIN"",""pinType"":"
"NUMERIC"",""pinLength"":4,""pinLifetimeMillis"":604800000,"
"pinResetByUser"":true}"
```

Response Fields

Field	Description
errors	Describes whether there was an error
result	Describes the result
importSuccessGroups	
importSuccessOus	
inviteSuccessUsers	
importFailUsers	
importFailGroups	
importFailOus	

Example Response

```
{
  "errors": null,
  "result": 1
}
```

Generate User Registration PIN

This call generates a registration PIN for one or more accounts. You must use the Configuring User Device Registration Settings call to set the device registration type to PIN before using this call, or else the call will be unsuccessful. See Understanding Device Registration Authentication Type for more information.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

POST

Request URI

/api/v1/account/regpin

Request Parameters

Parameter	Argument Type	Description	Example Value
accountIds	Request body	Accounts for which to generate registration PINs	10004

Response Fields

Field	Description
errors	
id	
result	
createdAt	When the PIN was created.
createdBy	Who created the PIN.
accountId	Account for which the PIN was created
pin	The PIN itself.
expiredAt	When did the PIN expire?
used	Was the PIN used?

Example Response

```
"errors": null,
"result": [
    {
        "id": 37000,
        "createdAt": 1413954409916,
        "createdBy": 10051,
        "accountId": 10051,
        "pin": "6426",
```

```
            "expiresAt": 1414559209914,
            "used": false
        }
    ]
}
```

Group API Calls

Create a User Group

This call creates a user group. User groups allow you to assign apps, content and roles to multiple users. For example, you might create a Managers group if you want all department managers to be administrators for apps and content.

You can easily create static account groups. You can also create dynamic account groups, but this requires expertise in ANTLR expression, therefore, creating dynamic account groups is much easier from the MobileIron Cloud user interface.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

POST

Request URI

api/v1/group

Request Parameters

Parameter	Argument Type	Description	Example Value
name	Request body	Specify the name of the group.	
source	Request body	Valid value: LOCAL	LOCAL
membershipStatic	Request Body	Specifies to create a static account group. Values: true	true

Parameter	Argument Type	Description	Example Value
		false If the membershipStatic parameter is not present, then the system expects the definition parameter decribed below, which creates a dynamic account group.	
definition	Request body	Use only if you want to specify a dynamic account group. This requires an ANTLR expression. We recommend using the MobileIron Cloud user interface to create dynamic account groups, unless you are an expert in ANTLR expression.	

Example Request

Example Request URL

https://[mobileiron_cloud]/api/v1/group

Example Request Body

name=ForDocs2

source=LOCAL

membershipStatic=true

Response Fields

Field	Description
errors	Errors returned by the call
result	
id	Internal ID for the user
createdBy	Who created the group.
modifiedBy	Who modified the group.
name	Name of the group.

Field	Description
source	Can be LOCAL. LDAP may be supported later.
mutable	Can be modified by default.
membershipStatic	

Example Response

```
{
    "errors": null,
    "result": {
        "id": 2168413,
        "createdBy": 12533,
        "modifiedBy": 12533,
        "name": "ForDocs2",
        "source": "LOCAL",
        "mutable": true,
        "membershipStatic": true
    }
}
```

List User Groups

This call lists user groups.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

api/v1/group

Example Request

curl 'https:// [mobileiron_cloud]/api/v1/group'

Response Fields

Field	Description
errors	
result	
searchResults	
id	
modifiedAt	
modifiedBy	
name	
description	
source	
mutable	Can be modified by default.
definition	
membershipStatic	
idpGroupDeleted	
userCount	
deviceCount	
applicationCount	
lastRefresh	
treeView	
operator	
rule	
field	
cfAttributeName	
operator	
values	
All Users"	
children	

Field	Description
totalCount	
offset	
limit	

Example Response


```
{
    "errors": null,
"result": {
        "searchResults": [
            {
                "id": 11776,
                "modifiedAt": 1389288442684,
                "modifiedBy": 1,
                "name": "All Users",
                "description": "All Users",
                "source": "LOCAL",
                "mutable": true,
                "definition": "ACCOUNTGROUP EQ 'All Users'",
                "membershipStatic": true,
                "idpGroupDeleted": false,
                "userCount": 22,
                "deviceCount": 2,
                "applicationCount": 24,
                "lastRefresh": 1519943024892,
                "treeView": {
                    "operator": "LEAF",
                    "rule": {
                        "field": "ACCOUNTGROUP",
                        "cfAttributeName": null,
                        "operator": "EQ",
                        "values": [
                            "All Users"
                        ]
                    },
                    "children": null
                }
            },
            …
        ],
        "totalCount": 16,
        "offset": 0,
        "limit": 20
    }
}
```


Check Delete Viability

This call determines whether a group can be deleted.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/v1/group?checkDeleteViability=true&ids=<ids>

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Path	Groups for which to check delete viability. Use comma separated list for multiple IDs. You can get the IDs using the List User Groups call.	4677669

Example Request

```
curl 'https://<mobileiron_cloud]/api/v1/group?checkDeleteViability=true&ids=4677669'
```

Example Response

```
{
    "errors": null,
    "result": {
        "searchResults": [ ],
        "totalCount": 0,
        "offset": 0,
        "limit": 0
    }
}
```

Delete Group

This call deletes a group. You can run the Check Delete Viability call first to check whether the delete call would be successful.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

DELETE

Request URI

api/v1/group?id=<id>

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	ID of group to delete. You can get the ID using the List User Groups call.	4677669

Example Request

curl 'https://<mobileiron_cloud>/api/v1/group?id=4677669' -X DELETE

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Assign User to Group, Method 1

This call associates a user to a group.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

api/v1/account

Request Parameters

Parameter	Argument Type	Description	Example Value
accountIds	Path	Accounts to assign to the group.	102000
groupIds	Path	Groups to which to assign the users.	11124,11125
append	Path	Boolean, TRUE or FALSE, specifies whether to assign the given accounts to the given groups, or to replace the	TRUE

Parameter	Argument Type	Description	Example Value
		current group memberships of the given accounts with the new given groups.	

Example Request

https://[mobileiron cloud]/api/v1/account?accountIds=10200&groupIds=11124,11125&append=true

Example Response

```
{
"errors":null,
"result":true
}
```

Assign User to Group, Method 2

This call assigns a user(s) to a group.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

api/v1/group/{id}/accounts

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	ID of the group	11003
	Path		
	Path		

Parameter	Argument Type	Description	Example Value
accountIds	Request body	Accounts to assign to the group.	10004
append	Request body	Boolean, TRUE or FALSE, specifies whether to assign the group members to the group or to replace the group members with the new members	TRUE
	Request body		

Example Request

Example Request URL

https://cluster057.auto.acme.com/api/v1/group/11003/accounts

Example Request Body

accountIds=10004

append=TRUE

Example Response

```
{
"errors":null,
"result":true
}
```

Create a Device Group

This call creates a device rule group.

Authentication

This call requires tenant admin credentials.

HTTP Method

POST

Request URI

/api/v1/rule_group

Request Parameters

Parameter	Argument Type	Description	Example Value
name	Path	Rule group name	All Devices
type	Path	Value is DEVICE	DEVICE
dmPartitionId	Path	Device space ID. You can get this using the GET Tenant call	23003
description	Path	Describes the new group	Test+for+docs

Example Request

Example Request URL

http://[mobileiron cloud]/api/v1/rule_group

Example Request Body

```
name=TestForDocs
type=DEVICE
description=Test+for+docs
dmPartitionId=23003
definition=PRETTYMODEL+EQ+'HTC+One+X'+
```

Response Fields

200 OK

Example Response


```
{
  "errors": null,
  "result": {
    "id": 39340
    "createdAt": null,
    "createdBy": 10044,
    "modifiedAt": null,
    "modifiedBy": 10044,
    "name": "TestForDocs",
    "description": "Test group for docs",
    "type": "DEVICE",
    "definition": "PRETTYMODEL EQ 'iPad' ",
    "mutable": true,
    "memberCount": 0,
    "dmPartitionId": 23003,
    "treeView": {
```

```
      "operator": "LEAF",
      "rule": {
        "field": "PRETTYMODEL",
        "operator": "EQ",
        "values": [
          "iPad"
        ]
      },
      "children": null
    },
    "actionExceptionCodes": null,
    "assignedConfigs": null,
    "assignedPolicies": null
  }
}
```


Get List of Device Groups

This call returns a list of all device groups.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/rule_group?dmPartitionId=id&type=DEVICE

Request Parameters

Parameter	Argument Type	Description	Example Value
dmPartitionId	Path	dmPartitionId is she tenant's device space ID. You can get this with the GET /api/v1/metadata/tenant call.	23000
type=DEVICE	Path	Directs the call to retrieve all device groups.	type=DEVICE

Example Request

```
https://[mobileiron_cloud] /api/v1/rule_group?dmPartitionId=23003&type=DEVICE
```

Response Fields

Field	Description
errors	
result	
totalCount	
queryTime	
searchResults	
id	
createdAt	
createdBy	
modifiedAt	
modifiedBy	
dmPartitionId	
name	
description	
type	
definition	
mutable	Can be modified by default.
memberCount	
systemName	
membershipStatic	
treeView	
actionExceptionCodes	
assignedConfigs	
id	
dmPartitionId	
name	
systemName	

Field	Description
description	
dmPartitionDistributionType	
policyType	
policyRuleType	
uuid	
enabled	
priority	
configurationMutable	
distributionMutable	
priorityMutable	
deletable	
totalDeviceCount	
installedDeviceCount	
violationDeviceCount	
modifiedAt	
modifiedBy	
actions	
systemDefault	
assignedPolicies	
id	
dmPartitionId	
name	
systemName	
description	
dmPartitionDistributionType	
policyType	
policyRuleType	

Field	Description
uuid	
enabled	
priority	
configurationMutable	
distributionMutable	
priorityMutable	
deletable	
totalDeviceCount	
installedDeviceCount	
violationDeviceCount	
modifiedAt	
modifiedBy	
actions	
systemDefault	
staticMembers	
offset	
limit	

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 43,
        "queryTime": 0,
        "searchResults": [
            {
                "id": 38009,
                "createdAt": null,
                "createdBy": null,
                "modifiedAt": null,
                "modifiedBy": null,
                "dmPartitionId": 23003,
                "name": "All Devices",
                "description": "Targets any type of device.",
                "type": "DEVICE",
                "definition": null,
                "mutable": false,
                "memberCount": 510,
                "systemName": "ALL_DEVICES",
                "membershipStatic": false,
                "treeView": null,
                "actionExceptionCodes": null,
```

```
                "assignedConfigs": [
                    {
                        "id": null,
                        "dmPartitionId": null,
                        "name": "Privacy",
                        "systemName": null,
                        "description": null,
                        "dmPartitionDistributionType": null,
                        "policyType": "PRIVACY",
                        "policyRuleType": "NONE",
                        "uuid": null,
                        "enabled": false,
                        "priority": null,
                        "configurationMutable": false,
                        "distributionMutable": false,
                        "priorityMutable": false,
                        "deletable": false,
                        "totalDeviceCount": 0,
                        "installedDeviceCount": 0,
                        "violationDeviceCount": 0,
                        "modifiedAt": null,
                        "modifiedBy": null,
                        "actions": null,
                        "systemDefault": false
                    },
…
                ],
                "assignedPolicies": [
                    {
                        "id": null,
                        "dmPartitionId": null,
                        "name": "Out of Contact ",
                        "systemName": null,
                        "description": null,
                        "dmPartitionDistributionType": null,
                        "policyType": "POLICY",
                        "policyRuleType": "OUT_OF_CONTACT",
                        "uuid": null,
                        "enabled": false,
                        "priority": null,
                        "configurationMutable": false,
                        "distributionMutable": false,
                        "priorityMutable": false,
                        "deletable": false,
                        "totalDeviceCount": 0,
                        "installedDeviceCount": 0,
                        "violationDeviceCount": 0,
                        "modifiedAt": null,
                        "modifiedBy": null,
                        "actions": null,
                        "systemDefault": false
                    },
…
                ],
                "staticMembers": null
            },
            {
…
        ],
        "offset": 0,
        "limit": 50
    }
}
```

Get General Information about a Device Group

This call returns a general information about a device group, for example, the query that is uded to assemble the members of the device group. You can use this call to help contruct the Get Device Details by Device Group call that gets all details about the devices in a device group. The return values in rule container (field, cfAttributeName, operator, and values) are the ones you use to help construct the Get Device Details by Device Group call.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/rule_group/ruleGroupId?dmPartitionId=dmPartitionId&type=DEVICE

Request Parameters

Parameter	Argument Type	Description	Example Value
ruleGroupId	Path	Device group id. You can get this with the GET /api/v1/rule_group?dmPartitionId=id&type=DEVICE call.	38010
dmPartitionId	Path	dmPartitionId is she tenant's device space ID. You can get this with the GET /api/v1/metadata/tenant call.	23003
type=DEVICE	Path	Directs the call to retrieve all device groups.	type=DEVICE

Response Fields

Field	Decription
errors	
result	
id	
createdAt	
createdBy	

Field	Decription
modifiedAt	
modifiedBy	
dmPartitionId	
name	
description	
type	
definition	
mutable	Can be modified by default.
memberCount	
systemName	
membershipStatic	
treeView	
operator	
rule	The values in this container (field, cfAttributeName, operator, and values) are the ones you use to construct the Get Device Details by Device Group call.
field	
cfAttributeName	
operator	
values	
children	
actionExceptionCodes	
assignedConfigs	
assignedPolicies	
staticMembers	

Example Request

https://[mobileiron_cloud]/api/v1/rule_group/43743?dmPartitionId=23003&type=DEVICE

Example Response

```
{
```

```
    "errors": null,
    "result": {
        "id": 43743,
        "createdAt": null,
        "createdBy": null,
        "modifiedAt": null,
        "modifiedBy": null,
        "dmPartitionId": 23003,
        "name": "Android 5.0",
        "description": null,
        "type": "DEVICE",
        "definition": "OSVERSION EQ '5.0'",
        "mutable": true,
        "memberCount": 9,
        "systemName": null,
        "membershipStatic": false,
        "treeView": {
            "operator": "LEAF",
            "rule": {
                "field": "OSVERSION",
                "cfAttributeName": null,
                "operator": "EQ",
                "values": [
                    "5.0"
                ]
            },
            "children": null
        },
        "actionExceptionCodes": null,
        "assignedConfigs": null,
        "assignedPolicies": null,
        "staticMembers": null
    }
}
```


Get Device Details by Device Group

This call returns a list and details of all devices in a device group within the device space specified by the parameter dmPartitionId. A device group is also known as a rule group. You will need to issue the call that describes the rules used to construct the parent device group to construct this call.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/device?q=&rows=rows&start=start&dmPartitionId=dmPartitionId&fq=field+operator+fieldValue'&sortFields[0].name=sortField&sortFields[0].order=sortFieldOrder

Request Parameters

Parameter	Argument Type	Description	Example Value
rows	Path	Integer. How many rows to retrieve. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	50
start	Path	Integer. Where in the record set to start displaying records.	0
dmPartitionId	Path	dmPartitionId is she tenant's device space ID. You can get this with the GET /api/v1/metadata/tenant call.	23003
field	Path	A field on which to base the query.	OSVERSION
operator	Path	Comparison operator for the field	EQ
fieldValue	Path	Value to compare with the comparison operator.	'5.0'
sortField	Path	The field on which to sort the results.	lastCheckin
sortFieldOrder	Path	How to sort the results, ascending or descending.	ASC

Example Request

```
https://[mobileiron_
cloud]/api/v1/device?q=&rows=50&start=0&dmPartitionId=23003&fq=OSVERSION+EQ+%275.0%27&sortF
ields%5B0%5D.name=lastCheckin&sortFields%5B0%5D.order=ASC
```

Response Fields

Field	Description
errors	
result	
totalCount	
searchResults	
id	
mdmChannelId	Identifier of MDMchannel which is generated by MobileIron Cloud.
phoneNumber	
deviceModel	

Field	Description
deviceName	
platformType	
platformVersion	
osBuildVersion	
lastCheckin	
registrationState	
displayName	
firstName	
lastName	
uid	
emailAddress	
clientVersion	
manufacturer	
imei	
imsi	
locatorServiceEnabled	
meid	
wifiMacAddress	
serialNumber	
cellularTechnology	
currentCarrierNetwork	
subscriberCarrierNetwork	
locale	
ownershipType	
complianceState	
roaming	
supervised	

Field	Description
udid	
clientLastCheckin	
iccid	
currentMcc	
currentMnc	
subscriberMcc	
subscriberMnc	
prettyModel	
policyViolationCount	
latitude	
longitude	
locationLastCapturedAt	
lastRegistrationTime	
lostModeEnabled	
multiUser	
clientDeviceIdentifier	
quarantined	
jailbroken	
passcodeCompliant	True if the passcode is compliant with all the requirements on the device, including Exchange and other accounts. Applicable for iOS only (null for the other platforms).
passcodeCompliantWithProfiles	True if the passcode is compliant with EMM profiles. Applicable for iOS and Android only (null for other platforms).
blocked	
locationStatusDetail	
androidWorkContainerEnabled	
androidWorkUid	

Field	Description
fcmEnabled	
actionExceptionCodes	
violatedPolicies	
supportLockMessage	
ownerId	
legalOwnerId	Legal owner of the device, for shared iPad devices.
legalOwnerEmailAddress	Email address of the device legal owner, for shared iPad devices.
kioskState	
customAttributes	
easDeviceIdentifiers	
appEasIdentifiers	
androidDeviceOwnerModeEnabled	
windowsDeviceType	
secureAppsStatus	
secureAppsEncryptionStatus	
secureAppsEncryptionMode	
tpmSpecificationVersion	
bridgeVersion	
bridgeDeviceDataLastCapturedAt	
lastHotfixId	
lastHotfixInstalledOn	
offset	
limit	
queryTime	
facetedResults	
LAST_HOTFIX_ID	

Field	Description
SUBSCRIBERCARRIERNETWORK	
UNKNOWN	
COMPLIANCESTATE	
false	
true	
SUPERVISED	
false	
SECUREAPPSSTATUS	
ANDROIDDEVICEOWNERMODEENABLED	
false	
PRETTYMODEL	
ACCOUNTGROUP	
REGISTRATIONSTATE	
ACTIVE	
ACCOUNTENABLED	
MULTIUSER	
ANDROIDWORKENABLED	
OSBUILDVERSION	
KIOSKSTATE	
ANDROIDSECURITYPATCHLEVEL	
ROAMING	
LOSTMODEENABLED	
JAILBROKEN	
PLATFORMTYPE	
OWNERSHIPTYPE	
totalUnfilteredResultCount	

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 2,
        "searchResults": [
            {
                "id": 1169944,
                "mdmChannelId": "adc04c0b-724a-49fd-a665-730ce6c88289",
                "phoneNumber": null,
                "deviceModel": "MacBookPro11,1",
                "deviceName": "Stuart's MacBook Pro",
                "platformType": "OSX",
                "platformVersion": "10.13.3",
                "osBuildVersion": "17D47",
                "lastCheckin": 1517353729653,
                "registrationState": "ACTIVE",
                "displayName": "Stuart Cordery",
                "firstName": "Stuart",
                "lastName": "Cordery",
                "uid": "scordery@mobileiron.com",
                "emailAddress": "scordery@mobileiron.com",
                "clientVersion": null,
                "manufacturer": "Apple Inc.",
                "imei": "",
                "imsi": null,
                "locatorServiceEnabled": false,
                "meid": null,
                "wifiMacAddress": "60:f8:1d:b1:ed:c8",
                "serialNumber": "C02NT2XDG3QK",
                "cellularTechnology": "device__p_cellular_technology",
                "currentCarrierNetwork": "UNKNOWN",
                "subscriberCarrierNetwork": "UNKNOWN",
                "locale": null,
                "ownershipType": "UNKNOWN",
                "complianceState": true,
                "roaming": false,
                "supervised": false,
                "udid": "6A13DA42-D60E-5B46-BBFC-D88846AAD3B0",
                "clientLastCheckin": null,
                "iccid": "",
                "currentMcc": null,
                "currentMnc": null,
                "subscriberMcc": null,
                "subscriberMnc": null,
                "prettyModel": "MacBookPro11,1",
                "policyViolationCount": 0,
                "latitude": null,
                "longitude": null,
                "locationLastCapturedAt": null,
                "lastRegistrationTime": 1517357240374,
                "lostModeEnabled": false,
                "multiUser": false,
                "clientDeviceIdentifier": null,
                "quarantined": false,
                "jailbroken": false,
                "passcodeCompliant": null,
                "passcodeCompliantWithProfiles": null,
                "blocked": false,
                "locationStatusDetail": null,
                "androidWorkContainerEnabled": false,
                "androidWorkUid": null,
                "fcmEnabled": false,
                "actionExceptionCodes": [ ],
```

```
        "violatedPolicies": [ ],
        "supportLockMessage": false,
        "ownerId": 1110567,
        "legalOwnerId": null,
        "legalOwnerEmailAddress": null,
        "kioskState": "NOT_CONFIGURED",
        "customAttributes": null,
        "easDeviceIdentifiers": [ ],
        "appEasIdentifiers": null,
        "androidDeviceOwnerModeEnabled": false,
        "windowsDeviceType": null,
        "secureAppsStatus": null,
        "secureAppsEncryptionStatus": null,
        "secureAppsEncryptionMode": null,
        "tpmSpecificationVersion": null,
        "bridgeVersion": null,
        "bridgeDeviceDataLastCapturedAt": null,
        "lastHotfixId": null,
        "lastHotfixInstalledOn": null
    },
    {
        "id": 197483,
        "mdmChannelId": "3e85199d-1774-4032-9ec1-aebd08bfd442",
        "phoneNumber": "+447480308390",
        "deviceModel": "iPhone6,2",
        "deviceName": "iPhone",
        "platformType": "IOS",
        "platformVersion": "8.1.2",
        "osBuildVersion": "12B440",
        "lastCheckin": 1422649201021,
        "registrationState": "ACTIVE",
        "displayName": "Stuart Cordery",
        "firstName": "Stuart",
        "lastName": "Cordery",
        "uid": "scordery@mobileiron.com",
        "emailAddress": "scordery@mobileiron.com",
        "clientVersion": "2.9.0 (2.9.0.15)",
        "manufacturer": "Apple Inc.",
        "imei": "35 876105 566321 0",
        "imsi": null,
        "locatorServiceEnabled": false,
        "meid": null,
        "wifiMacAddress": "90:b9:31:73:5b:f6",
        "serialNumber": "F2LLMEE9FFG8",
        "cellularTechnology": "device__p_cellular_technology",
        "currentCarrierNetwork": "UNKNOWN",
        "subscriberCarrierNetwork": "Three",
        "locale": null,
        "ownershipType": "UNKNOWN",
        "complianceState": false,
        "roaming": true,
        "supervised": false,
        "udid": "f831a81049c541ad78b12e09db0849e06ad6dadb",
        "clientLastCheckin": 1422640798139,
        "iccid": "8944 2001 0071 0054 856",
        "currentMcc": "310",
        "currentMnc": "410",
        "subscriberMcc": "234",
        "subscriberMnc": "20",
        "prettyModel": "iPhone 5S",
        "policyViolationCount": 3,
        "latitude": 33.651546,
        "longitude": -117.99167,
        "locationLastCapturedAt": 1422640798182,
```

```
            "lastRegistrationTime": 1418162611699,
            "lostModeEnabled": false,
            "multiUser": false,
            "clientDeviceIdentifier": "0B6DC679-A419-4288-951A-C3C470097C71",
            "quarantined": false,
            "jailbroken": false,
            "passcodeCompliant": true,
            "passcodeCompliantWithProfiles": true,
            "blocked": false,
            "locationStatusDetail": {
                "lastUpdatedAt": 1422640798182,
                "locationStatus": "AVAILABLE"
            },
            "androidWorkContainerEnabled": false,
            "androidWorkUid": null,
            "fcmEnabled": false,
            "actionExceptionCodes": [ ],
            "violatedPolicies": [
                "International Roaming Devices",
                "MDM / Device Administration Disabled",
                "Out of Contact "
            ],
            "supportLockMessage": true,
            "ownerId": 1110567,
            "legalOwnerId": null,
            "legalOwnerEmailAddress": null,
            "kioskState": "NOT_CONFIGURED",
            "customAttributes": null,
            "easDeviceIdentifiers": [
                "ApplF2LLMEE9FFG8"
            ],
            "appEasIdentifiers": null,
            "androidDeviceOwnerModeEnabled": false,
            "windowsDeviceType": null,
            "secureAppsStatus": null,
            "secureAppsEncryptionStatus": null,
            "secureAppsEncryptionMode": null,
            "tpmSpecificationVersion": null,
            "bridgeVersion": null,
            "bridgeDeviceDataLastCapturedAt": null,
            "lastHotfixId": null,
            "lastHotfixInstalledOn": null
        }
    ],
    "offset": 0,
    "limit": 50,
    "queryTime": 1,
    "facetedResults": {
        "LAST_HOTFIX_ID": { },
        "SUBSCRIBERCARRIERNETWORK": {
            "UNKNOWN": 1,
            "Three": 1
        },
        "COMPLIANCESTATE": {
            "false": 1,
            "true": 1
        },
        "SUPERVISED": {
            "false": 2
        },
        "SECUREAPPSSTATUS": { },
        "ANDROIDDEVICEOWNERMODEENABLED": {
            "false": 2
        },
        "PRETTYMODEL": {
```

```
                "iPhone 5S": 1,
                "MacBookPro11,1": 1
            },
            "ACCOUNTGROUP": {
                "All Users": 2
            },
            "REGISTRATIONSTATE": {
                "ACTIVE": 2
            },
            "ACCOUNTENABLED": {
                "true": 2
            },
            "MULTIUSER": {
                "false": 2
            },
            "ANDROIDWORKENABLED": {
                "false": 2
            },
            "OSBUILDVERSION": {
                "12B440": 1,
                "17D47": 1
            },
            "KIOSKSTATE": {
                "NOT_CONFIGURED": 2
            },
            "ANDROIDSECURITYPATCHLEVEL": { },
            "ROAMING": {
                "false": 1,
                "true": 1
            },
            "LOSTMODEENABLED": {
                "false": 2
            },
            "JAILBROKEN": {
                "false": 2
            },
            "PLATFORMTYPE": {
                "OSX": 1,
                "IOS": 1
            },
            "OWNERSHIPTYPE": {
                "UNKNOWN": 2
            }
        },
        "totalUnfilteredResultCount": 0
    }
}
```


Add or Remove a Device to or from a Device Group

This call adds or removes a device to or from a device group. To add a device, include its deviceId in the call. To remove a device, exclude its deviceId from the call.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

POST

Request URI

/api/v1/rule_group/deviceGroupId/devices

Request Parameters

Parameter	Argument Type	Description	Example Value
deviceGroupId	Query Path	ID of the device group.	47803
deviceIds	Request Body	IDs of the devices to add to the group. Exlude the ID to remove the corresponding device from the group.	"{""deviceIds"": [""337552""]}"

Example Request

Add a Device to a Device Group

```
curl "https://[mobileiron_cloud]/api/v1/rule_group/47808/devices"  --data-binary "
{""deviceIds"":[""337552""]}"
```

Remove a Device from a Device Group

```
curl "https://[mobileiron_cloud /api/v1/rule_group/47808/devices"  --data-binary "
{""deviceIds"":[]}"
```

Device API Calls

Assign a Device to a User

This call assigns a device to a user. This call only works for supervised iOS devices.

Required User Permissions

This call requires tenant admin credentials.

HTTP Method

PUT

Request URI

/api/v1/device/updateAccount

Request Parameters

Parameter	Argument Type	Description	Example Value
accountId	Request body	ID of the account to which to assign the device.	10542407
deviceIds	Request body	IDs of the devices to assign to the user.	73542

Example Request

curl --location --request PUT 'https://<mobileiron_cloud>]/api/v1/device/updateAccount' \ --header 'Accept: application/json, text/plain, */*' \ --data-urlencode 'accountId=10542407' \ --data-urlencode 'deviceIds=73542'

Response Fields

Field	Description
errors	Errors returned by the call
result	1 (one) for success. 0 (zero) for failure.

Example Response

```
{
    "errors": null,
```

```
    "result": 1
}
```

Get Custom Attributes Per Device

This API returns a list of custom attributes for the target device. You can use the device ID or GUID to identify the target device.

Required User Permissions

Device Management or Device Read Only.

HTTP Method

GET

Request URI

/api/v1/device/{id}|{guid}/customattributes

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	The device ID	22000
guid	Path	The device GUID	57d9903c-aadf-4b40-aef3-e1f24302f180

Example Requests

```
curl GET -kv -u user:password "https://[mobileiron_
cloud]/api/v1/device/22000/customattributes”
curl GET -kv -u user:password "https://[mobileiron_cloud]/api/v1/device/57d9903c-aadf-4b40-
aef3-e1f24302f180/customattributes”
```

Example Response

```
{
    “attrs” :
    {
        “cityId” : “SF”,
        “carrier” : “att”
    }
}
```

Add/Replace Custom Attributes Per Device

You can use this API call to assign a custom attribute, for example, cityId, to the device. You could then use this custom attribute to create a device group for all devices with that cityId. You can use the device ID or GUID to identify the target device. The call posts a request body consisting of a JSON payload containing a map of string attributes.

The POST method completely replaces the attributes on the device with the call's payload, deleting any existing attribute on the device not defined in the payload.

Required User Permissions

Device Management.

HTTP Method

POST to replace all values with the call's payload.

Request URI

/api/v1/device/{id}|{guid}/customattributes

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	The device ID	22000
guid	Path	The device GUID	8bcc4cee-dca9-476d-8710-9bb1e738ade9

attrs	Request body	The attributes to assign to the device as JSON:
		{
		“attrs” : {
		“key-1” : [
		“value-1”
		]
		}
		}
			{
			"attrs": {
			"cityid": [
			"SF"
			]
			}
			}

Example Request URLs

http://[mobileiron cloud]/api/v1/device/22000/customattributes

```
curl -X POST -kv -u user:password -H 'Content-Type: application/json' -d '{ "attrs" : {
"tlark" : [ "1" ] } } ' "https://[mobileiron_cloud]/api/v1/device/22000/customattributes"
curl -X POST -kv -u user:password -H 'Content-Type: application/json' -d '{ "attrs" : {
"tlark" : [ "1" ] } } ' "https://[mobileiron_cloud]/api/v1/device/8bcc4cee-dca9-476d-8710-
9bb1e738ade9/customattributes"
```

Example Request Body

```
{
     "attrs": {
         "cityid": [
             "SF"
         ]
     }
 }
```

Patch custom attributes per device

You can use this API call to patch a custom attribute, for example, cityId, of the device. You can use the device ID or GUID to identify the target device. The call posts a request body consisting of a JSON payload containing a map of string attributes.

The PATCH method retains attributes not defined in its payload, updates existing custom attributes, and adds custom attributes to the device that do not exist.

Required User Permissions

Device Management.

HTTP Method

PATCH to retain attributes not defined in the payload, update existing custom attributes, and add custom attributes to the device that do not exist.

Request URI

/api/v1/device/{id}|{guid}/customattributes

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	The device ID	22000
guid	Path	The device GUID	8bcc4cee-dca9-476d-8710-9bb1e738ade9
attrs	Request body	The attributes to assign to the device as JSON: `{ "attrs": { "key-1": [ "value-1" ] } }`	`{ "attrs": { "a": [ "value_a_patched" ] } }`
forceOverwrite	Request body	Set to true or false. If true, then the api updates the existing custom attribute, or adds a new one. If false, then the API would append the value to the existing custom attribute or add a new entry if it does not exist.	`"forceOverwrite": true`

Example Requests

Given these existing attributes:

```
{
    "errors": null,
    "result": {
        "deviceId": 22000,
        "guid": "e77fc91f-445d-4797-b8f1-a412279952e1",
        "attrs": {
            "a": [
                "valuea"
            ],
            "b": [
                "valueb"
            ]
        }
    }
}
```

Use this request to overwrite attribute **a** only:

```
curl --location --request PATCH 'https://[mobileiron_cloud]/api/v1/device/57d9903c-aadf-4b40-
aef3-e1f24302f180/customattributes' \
--header 'Content-Type: application/json' \
--header 'Authorization: Basic xxxxaW5AYWNtZS5jb206TWk0bWFuMSEyITMh' \
--header 'Content-Type: text/plain' \
--data-raw '{"attrs":{"a":["value_a_patched"]}, "forceOverwrite":true}'
```

Use this request to overwrite both attributes **a** and **b**:

```
curl --location --request PATCH 'https://[mobileiron_cloud]/api/v1/device/57d9903c-aadf-4b40-
aef3-e1f24302f180/customattributes' \
--header 'Content-Type: application/json' \
--header 'Authorization: Basic xxxxaW5AYWNtZS5jb206TWk0bWFuMSEyITMh' \
--header 'Content-Type: text/plain' \
--data-raw '{"attrs":{"a":["value_a_patched"], "b":["value_b_patched"]}, "for-
ceOverwrite":true}'
```

Use this request to add new attribute **c**:

```
curl --location --request PATCH 'https://[mobileiron_cloud]/api/v1/device/57d9903c-aadf-4b40-
aef3-e1f24302f180/customattributes' \
--header 'Content-Type: application/json' \
--header 'Authorization: Basic xxxxaW5AYWNtZS5jb206TWk0bWFuMSEyITMh' \
--header 'Content-Type: text/plain' \
--data-raw '{"attrs":{"c":["value_c_added"]}, "forceOverwrite":true}'
```

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Remove custom attributes per device - method 1

You can use this API call to remove selected custom attributes of the device. The call posts a request body as a JSON payload consisting of the device ID and a map of string attributes to remove.

Required User Permissions

Device Management.

HTTP Method

DELETE

Request URI

/api/v1/device/customattributes

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Request body	The device IDs whose custom attributes to remove.	73542

attrs	Request body	The attributes to remove from the device as JSON:
		
		{
		"ids": [
		"73542"
		],
		"attrKeys": [
		"ForDocs001",
		"forDocs002"
		]
		}
			{
			"ids": [
			"73542"
			],
			"attrKeys": [
			"ForDocs001",
			"forDocs002"
			]
			}

Example Requests

Example Request URLs

```
curl --location --request DELETE 'https://<mobileiron cloud>/api/v1/device/customattributes'
\ --header 'Accept: application/json, text/plain, */*' \ --header 'Content-Type:
application/json' \ --header 'Authorization: Basic
xxxxxEBzYW5kYm94Lm1vYmlsZWlyb24uY29tOk1pNG1hbjEx' \ --data-raw '{"ids":["73542"],"attrKeys":
["ForDocs001","forDocs002"]}'
```

Example Request Body, Formatted

```
{
    "ids": [
        "73542"
    ],
    "attrKeys": [
        "ForDocs001",
        "forDocs002"
    ]
}
```

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Remove custom attributes per device - method 2

You can use this API call to remove selected custom attributes of the device. The call posts a request body as a JSON payload consisting of the attributes to remove. This leaves in place the attributes not sent in the call.

Required User Permissions

Device Management.

HTTP Method

DELETE

Request URI

/api/v1/device/{ID or GUID}/customattributes

Request Parameters

Parameter	Argument Type	Description	Example Value
ID or GUID	Request body	The device whose custom attributes to remove. Can be ID or GUID	d67f2d3b-4ea7-44c6-9fb7-5f4107184e34

attrs	Request body	The attributes to remove from the device as JSON:
		
		{
		"attrs": {
		"attribute1": [
		"1"
		]
		}
		}
			{
			"attrs": {
			"attribute1": [
			"1"
			]
			}
			}

Example Request

```
curl --location --request DELETE 'https://[mobileiron_cloud]/api/v1/device/d67f2d3b-4ea7-44c6-9fb7-5f4107184e34/customattributes' \ --header 'Content-Type: application/json' \ --header 'Authorization: Basic xxxxxEBzYW5kYm94Lm1vYmlsZWlyb24uY29tOk1pNG1hbjEx' \ --data-raw '{ "attrs" : { "attribute1" : [ "1" ] } } '
```

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Get Device Details

This call gets the device details of a specific device. Details include, among other attributes, the device groups to which it belongs and last known location.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/api/v1/device/deviceId

Request Parameters

Parameter	Argument Type	Description	Example Value
deviceId	Path	The ID of the device for which to get details. Can be the device ID or the GUID.	Device ID example: 92752 Device GUID example: ed6b6e18-892f-4059-b605-def424308c4d

Response Fields

Field	Description
errors	
result	
id	
guid	

Field	Description
mdmChannelId	Identifier of MDMchannel which is generated by MobileIron Cloud.
phoneNumber	
deviceModel	
deviceName	
platformType	
platformVersion	
osBuildVersion	
lastCheckin	Last client checkin.
registrationState	
displayName	
firstName	
lastName	
uid	
emailAddress	
clientVersion	
manufacturer	
imei	
imei2	
imsi	
locatorServiceEnabled	
meid	
wifiMacAddress	
serialNumber	
altSerialNumber	
cellularTechnology	
currentCarrierNetwork	
subscriberCarrierNetwork	

Field	Description
locale	
ownershipType	
complianceState	
roaming	
supervised	
udid	
clientLastCheckin	
iccid	
currentMcc	
currentMnc	
subscriberMcc	
subscriberMnc	
prettyModel	
policyViolationCount	
latitude	Available if location services turned on by owner.
longitude	Available if location services turned on by owner.
locationLastCapturedAt	
lastRegistrationTime	
lostModeEnabled	
multiUser	
clientDeviceIdentifier	
availableCapacity	
totalCapacity	
clusterIdentifier	
deviceSource	
quarantined	
jailbroken	

Field	Description
passcodeCompliant	True if the passcode is compliant with all the requirements on the device, including Exchange and other accounts. Applicable for iOS only (null for the other platforms).
passcodeCompliantWithProfiles	True if the passcode is compliant with EMM profiles. Applicable for iOS and Android only (null for other platforms).
blocked	
locationStatusDetail	
androidBuildFingerprint	
androidBuildId	
androidZebraPatchLevel	
androidSystemUpdateStatus	
salesCode	
uptime	
androidWorkContainerEnabled	
androidWorkUid	
fcmEnabled	
actionExceptionCodes	
violatedPolicies	
supportLockMessage	
ownerId	
legalOwnerId	Legal owner of the device, for shared iPad devices.
legalOwnerEmailAddress	Email address of the device legal owner, for shared iPad devices.
kioskState	
customAttributes	
easDeviceIdentifiers	
IKTFNGAVQT7B1BLBD1NKUCVQ4S	
appEasIdentifiers	

Field	Description
androidDeviceOwnerModeEnabled	
windowsDeviceType	
secureAppsStatus	
secureAppsEncryptionStatus	
secureAppsEncryptionMode	
tpmSpecificationVersion	
bridgeVersion	
bridgeDeviceDataLastCapturedAt	
lastHotfixId	
lastHotfixInstalledOn	
mamOnly	
depEnrolled	
depEligible	
mobileThreatDefenseGeneralStatus	
antiPhishingGeneralStatus	
samsungEfotaCapable	
currentCountryName	If the value for currentCountryName is blank or null, the corresponding API response field will be "null."
currentCountryCode	
homeCountryName	If the value for homeCountryName is blank or null, the corresponding API response field will be "null."
homeCountryCode	
userPreferenceCSVHeader	
dmPartitionId	
dmPartitionName	
androidSecurityPatchLevel	
clientAppBundleId	

Field	Description
groups	
id	
createdAt	
createdBy	
modifiedAt	
modifiedBy	
visible	
dmPartitionId	
name	
description	
type	
definition	
mutable	Can be modified by default.
memberCount	
systemName	
membershipStatic	
treeView	
actionExceptionCodes	
assignedConfigs	
assignedPolicies	
staticMembers	
id	
createdAt	
createdBy	
modifiedAt	
modifiedBy	
visible	

Field	Description
dmPartitionId	
name	
description	
type	
definition	
mutable	Can be modified by default.
memberCount	
systemName	
membershipStatic	
treeView	
operator	
rule	
field	
cfAttributeName	
operator	
values	
IOS	
children	
actionExceptionCodes	
assignedConfigs	
assignedPolicies	
staticMembers	
privacyPolicy	
policyId	
policyName	
locateStatus	
wipeDisabled	

Field	Description
appInventoryCollectAllEnabled	
tos	
title	
body	
tosAcceptedTime	
tosId	
restrictions	
dataRoamingEnabled	
appConnectCheckInTime	
antiPhishingStatus	
mobileThreatDefenseStatus	
appFeedbackLastSync	
activationLockEnabled	
bypassCode	
cloudBackupEnabled	
networkTethered	
lastCloudBackupDate	
mirroringStatus	
voiceRoamingEnabled	
availableOSUpdate	
availableOSUpdates	
serviceSubscriptions	
carrierSettingsVersion	
currentCarrierNetwork	
currentMCC	
currentMNC	
esimIdentifier	eSim identifier. Is GDPR compliant.

Field	Description
iccid	
imei	
isDataPreferred	
isVoicePreferred	
label	
labelID	
phoneNumber	
slot	
timeZone	
osxFdeEnabled	
osxFdeHasInstitutionalRecoveryKey	
osxFdeHasPersonalRecoveryKey	
bootstrapTokenAvailable	
osxFirewallSettings	
osxSystemIntegrityProtectionEnabled	
osxAutoAdminAccountShortName	
osxFirmwarePasswordStatus	
osxFirmwarePasswordCommandStatus	
availableMacOSUpdates	
passcodeLockGracePeriodEnforced	
androidId	
androidSecurityPatchLevel	
androidWorkCapable	
androidWorkEnabled	
androidZebraCapable	

Field	Description
helpAtWorkAvailable	
samsungSafeCapable	
androidEnterpriseKioskLogoutEnabled	
androidWorkProfileEnabled	
androidDeviceOwnerEnabled	
androidWorkDeviceOwnerWithWorkProfileEnabled	
aadDeviceId	
winDmClientChannelUri	
windowsEncrypted	
wipConfigured	
applockerConfigured	
wipMandatorySettingsConfigured	
batteryEstimatedChargeRemaining	
batteryEstimatedRuntime	
osPlatform	
osEdition	
deviceFamily	
androidSafetyNetAttestationType	
aadBulkEnrolled	
enrollerId	
changeOwnerCounter	
aadEnrolled	
apnsCapable	
clientRegistered	
mdmDeviceIdentifier	
itunesAccountActive	
winServiceSubscriptions	

Example Request

```
https://[mobileiron_cloud]/api/v1/device/22001
```

Example Response


```
{
    "errors": null,
    "result": {
        "id": 92752,
        "guid": "ed6b6e18-892f-4059-b605-def424308c4d",
        "mdmChannelId": "850a62ec-c29a-42ff-b9e2-16846cf5eb2d",
        "phoneNumber": null,
        "deviceModel": "iPad4,5",
        "deviceName": "iPad",
        "platformType": "IOS",
        "platformVersion": "12.4.4",
        "osBuildVersion": "16G140",
        "lastCheckin": 1578404119952,
        "registrationState": "ACTIVE",
        "displayName": "praveen kh",
        "firstName": "praveen",
        "lastName": "kh",
        "uid": "8888@gmail.com",
        "emailAddress": "499@gmail.com",
        "clientVersion": null,
        "manufacturer": "Apple Inc.",
        "imei": "35 884805 038514 5",
        "imei2": null,
        "imsi": null,
        "locatorServiceEnabled": true,
        "meid": "35884805038514",
        "wifiMacAddress": "6c:70:9f:29:fe:d7",
        "serialNumber": "DLXMF0URFLMK",
        "altSerialNumber": null,
        "cellularTechnology": "GSM/CDMA",
        "currentCarrierNetwork": "UNKNOWN",
        "subscriberCarrierNetwork": "UNKNOWN",
        "locale": null,
        "ownershipType": "UNKNOWN",
        "complianceState": true,
        "roaming": true,
        "supervised": false,
        "udid": "f4e9953b586208023fc582ef2206f7f4b9389321",
        "clientLastCheckin": null,
        "iccid": null,
        "currentMcc": null,
        "currentMnc": null,
        "subscriberMcc": "",
        "subscriberMnc": "",
        "prettyModel": "iPad Mini 2nd gen",
        "policyViolationCount": 0,
        "latitude": null,
        "longitude": null,
        "locationLastCapturedAt": null,
        "lastRegistrationTime": 1578033658080,
        "lostModeEnabled": false,
        "multiUser": false,
        "clientDeviceIdentifier": null,
        "availableCapacity": 6.575844,
        "totalCapacity": 11.340248,
        "clusterIdentifier": "CLOUD",
        "deviceSource": "CLOUD",
        "quarantined": false,
```

```
"jailbroken": false,
"passcodeCompliant": false,
"passcodeCompliantWithProfiles": false,
"blocked": null,
"locationStatusDetail": null,
"androidBuildFingerprint": null,
"androidBuildId": null,
"androidZebraPatchLevel": null,
"androidSystemUpdateStatus": null,
"salesCode": null,
"uptime": null,
"androidWorkContainerEnabled": false,
"androidWorkUid": null,
"fcmEnabled": false,
"actionExceptionCodes": [],
"violatedPolicies": null,
"supportLockMessage": true,
"ownerId": 10586408,
"legalOwnerId": null,
"legalOwnerEmailAddress": null,
"kioskState": "NOT_CONFIGURED",
"customAttributes": null,
"easDeviceIdentifiers": [
    "IKTFNGAVQT7B1BLBD1NKUCVQ4S"
],
"appEasIdentifiers": null,
"androidDeviceOwnerModeEnabled": false,
"windowsDeviceType": null,
"secureAppsStatus": null,
"secureAppsEncryptionStatus": null,
"secureAppsEncryptionMode": null,
"tpmSpecificationVersion": null,
"bridgeVersion": null,
"bridgeDeviceDataLastCapturedAt": null,
"lastHotfixId": null,
"lastHotfixInstalledOn": null,
"mamOnly": false,
"depEnrolled": false,
"depEligible": false,
"mobileThreatDefenseGeneralStatus": "NA",
"antiPhishingGeneralStatus": "NA",
"samsungEfotaCapable": false,
"currentCountryName": null,
"currentCountryCode": null,
"homeCountryName": null,
"homeCountryCode": null,
"userPreferenceCSVHeader": null,
"dmPartitionId": 23504,
"dmPartitionName": null,
"androidSecurityPatchLevel": "2018-01-01",
"clientAppBundleId": null,
"groups": [
    {
        "id": 40165,
        "createdAt": 1444416984710,
        "createdBy": 1,
        "modifiedAt": 1444416984710,
        "modifiedBy": null,
        "visible": true,
        "dmPartitionId": 23504,
        "name": "All Devices",
        "description": "Targets any type of device.",
        "type": "DEVICE",
        "definition": null,
        "mutable": false,
```

```
            "memberCount": 0,
            "systemName": "ALL_DEVICES",
            "membershipStatic": false,
            "treeView": null,
            "actionExceptionCodes": null,
            "assignedConfigs": null,
            "assignedPolicies": null,
            "staticMembers": null
        },
        {
            "id": 40167,
            "createdAt": 1444416984710,
            "createdBy": 1,
            "modifiedAt": 1444416984710,
            "modifiedBy": null,
            "visible": true,
            "dmPartitionId": 23504,
            "name": "iOS Devices",
            "description": "Targets all iOS devices",
            "type": "DEVICE",
            "definition": "PLATFORMTYPE EQ 'IOS'",
            "mutable": false,
            "memberCount": 0,
            "systemName": "IOS_DEVICES",
            "membershipStatic": false,
            "treeView": {
                "operator": "LEAF",
                "rule": {
                    "field": "PLATFORMTYPE",
                    "cfAttributeName": null,
                    "operator": "EQ",
                    "values": [
                        "IOS"
                    ]
                },
                "children": null
            },
            "actionExceptionCodes": null,
            "assignedConfigs": null,
            "assignedPolicies": null,
            "staticMembers": null
        }
    ],
    "privacyPolicy": {
        "policyId": 42501,
        "policyName": "Privacy",
        "locateStatus": "ENABLED",
        "wipeDisabled": false,
        "appInventoryCollectAllEnabled": true
    },
    "tos": {
        "title": "test",
        "body": "test1"
    },
    "tosAcceptedTime": 1578033658080,
    "tosId": 50955,
    "restrictions": null,
    "dataRoamingEnabled": false,
    "appConnectCheckInTime": null,
    "antiPhishingStatus": "NA",
    "mobileThreatDefenseStatus": "NA",
    "appFeedbackLastSync": null,
    "activationLockEnabled": true,
    "bypassCode": null,
    "cloudBackupEnabled": true,
```

```
"networkTethered": false,
"lastCloudBackupDate": 1577955629000,
"mirroringStatus": null,
"voiceRoamingEnabled": false,
"availableOSUpdate": null,
"availableOSUpdates": [],
"serviceSubscriptions": [
    {
        "carrierSettingsVersion": null,
        "currentCarrierNetwork": null,
        "currentMCC": null,
        "currentMNC": null,
        "esimIdentifier": null,
        "iccid": null,
        "imei": "35 884805 038514 5",
        "isDataPreferred": false,
        "isVoicePreferred": false,
        "label": null,
        "labelID": null,
        "phoneNumber": null,
        "slot": "CTSubscriptionSlotOne"
    }
],
"timeZone": "Asia/Kolkata",
"osxFdeEnabled": false,
"osxFdeHasInstitutionalRecoveryKey": false,
"osxFdeHasPersonalRecoveryKey": false,
"bootstrapTokenAvailable": null,
"osxFirewallSettings": null,
"osxSystemIntegrityProtectionEnabled": false,
"osxAutoAdminAccountShortName": null,
"osxFirmwarePasswordStatus": null,
"osxFirmwarePasswordCommandStatus": null,
"availableMacOSUpdates": null,
"passcodeLockGracePeriodEnforced": null,
"androidId": null,
"androidSecurityPatchLevel": null,
"androidWorkCapable": false,
"androidWorkEnabled": false,
"androidZebraCapable": false,
"helpAtWorkAvailable": false,
"samsungSafeCapable": false,
"androidEnterpriseKioskLogoutEnabled": false,
"androidWorkProfileEnabled": false,
"androidDeviceOwnerEnabled": false,
"androidWorkDeviceOwnerWithWorkProfileEnabled": false,
"aadDeviceId": null,
"winDmClientChannelUri": null,
"windowsEncrypted": false,
"wipConfigured": false,
"applockerConfigured": false,
"wipMandatorySettingsConfigured": false,
"batteryEstimatedChargeRemaining": null,
"batteryEstimatedRuntime": null,
"osPlatform": null,
"osEdition": null,
"deviceFamily": null,
"androidSafetyNetAttestationType": null,
"aadBulkEnrolled": false,
"enrollerId": null,
"changeOwnerCounter": 0,
"aadEnrolled": false,
"apnsCapable": true,
"clientRegistered": false,
"mdmDeviceIdentifier": "f4e9953b586208023fc582ef2206f7f4b9389321",
```

```
        "itunesAccountActive": true,
        "winServiceSubscriptions": null
    }
}
```


Get Device Details Based on Attribute

This call gets the device details based on a custom device or LDAP attribute, for example, cityID as a custom device attribute, or a device attribute, for example, GUID.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URIs

Device custom attrribute:

/api/v1/device?fq=CFDEVICE[customAttributeName]=value&dmPartitionId=id

LDAP custom attrribute:

/api/v1/device?fq=CFLDAP[customAttributeName]=value&dmPartitionId=id

Attribute:

/api/v1/device?fq=attributeName=value&dmPartitionId=id

Request Parameters

Parameter	Argument Type	Description	Example Value
customAttributeName	Path	Custom Attribute by which to search. You must url encode the brackets (%5B and %5D). Similarly, if you want to search for ldap custom attributes you may use CFLDAP[attributeName]. For example, if you are setting up LDAP for a school, you may wish to add and be able to query a ROLLNUMBER attribute to track each student's roll number. Use the GET /api/v1/device or GET /api/v1/device/deviceId call to develop a list of fields against which you can query.	%5BcityId%5D=SF
attributeName	Path	Attribute by which to search.	
dmPartitionId	path	The tenant’s device space ID	23000

Response Fields

Field	Description
errors	
result	
totalCount	
searchResults	
id	
guid	
mdmChannelId	Identifier of MDMchannel which is generated by MobileIron Cloud.
phoneNumber	

Field	Description
deviceModel	
deviceName	
platformType	
platformVersion	
osBuildVersion	
lastCheckin	
registrationState	
displayName	
firstName	
lastName	
uid	
emailAddress	
clientVersion	
manufacturer	
imei	
imsi	
locatorServiceEnabled	
meid	
wifiMacAddress	
serialNumber	
cellularTechnology	
currentCarrierNetwork	
subscriberCarrierNetwork	
locale	
ownershipType	
complianceState	
roaming	

Field	Description
supervised	
udid	
clientLastCheckin	
iccid	
currentMcc	
currentMnc	
subscriberMcc	
subscriberMnc	
prettyModel	
policyViolationCount	
latitude	
longitude	
locationLastCapturedAt	
lastRegistrationTime	
lostModeEnabled	
multiUser	
clientDeviceIdentifier	
quarantined	
jailbroken	
passcodeCompliant	True if the passcode is compliant with all the requirements on the device, including Exchange and other accounts. Applicable for iOS only (null for the other platforms).
passcodeCompliantWithProfiles	True if the passcode is compliant with EMM profiles. Applicable for iOS and Android only (null for other platforms).
blocked	

Field	Description
locationStatusDetail	
androidWorkContainerEnabled	
androidWorkUid	
fcmEnabled	
actionExceptionCodes	
violatedPolicies	
supportLockMessage	
ownerId	
legalOwnerId	Legal owner of the device, for shared iPad devices.
legalOwnerEmailAddress	Email address of the device legal owner, for shared iPad devices.
kioskState	
customAttributes	
attrs	
easDeviceIdentifiers	
appEasIdentifiers	
androidDeviceOwnerModeEnabled	
windowsDeviceType	
secureAppsStatus	
secureAppsEncryptionStatus	
secureAppsEncryptionMode	
tpmSpecificationVersion	
bridgeVersion	
bridgeDeviceDataLastCapturedAt	
lastHotfixId	
lastHotfixInstalledOn	

Field	Description
mamOnly	
depEnrolled	
depEligible	
offset	
queryTime	
facetedResults	
LAST_HOTFIX_ID	
SUBSCRIBERCARRIERNETWORK	
ANDROIDDEVICEOWNERMODEENABLED	
PRETTYMODEL	
REGISTRATIONSTATE	
MULTIUSER	
ACCOUNTENABLED	
ANDROIDWORKPROFILEENABLED	
KIOSKSTATE	
ANDROIDSECURITYPATCHLEVEL	
JAILBROKEN	
PLATFORMTYPE	
OWNERSHIPTYPE	
ANTI_PHISHING_STATUS	
ANDROIDSAFETYNETATTESTATIONTYPE	
ANDROIDWORKDEVICEOWNERWITHWORKPROFILEENABLED	
COMPLIANCESTATE	
SUPERVISED	
SECUREAPPSSTATUS	
MAMONLY	
ACCOUNTGROUP	

Field	Description
ANDROIDWORKENABLED	
OSBUILDVERSION	
ROAMING	
LOSTMODEENABLED	
totalUnfilteredResultCount	

Example Request

https://[mobileiron_cloud]/api/v1/device?fq=CFDEVICE%5BcityId%5D=SF&dmPartitionId=23000

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 1,
        "searchResults": [
            {
                "id": 22004,
                "guid": "50459445-0f9e-456a-b485-534842acdf9f",
                "mdmChannelId": "be016af4-bd88-406d-ae48-82947f0a0eaf",
                "phoneNumber": "",
                "deviceModel": "Pixel 2",
                "deviceName": null,
                "platformType": "ANDROID",
                "platformVersion": "9.0",
                "osBuildVersion": null,
                "lastCheckin": 1546491367278,
                "registrationState": "RETIRED",
                "displayName": "a1 b",
                "firstName": "a1",
                "lastName": "b",
                "uid": "a1@b.com",
                "emailAddress": "a1@b.com",
                "clientVersion": "60.0.0.262",
                "manufacturer": "Google",
                "imei": "",
                "imsi": "",
                "locatorServiceEnabled": false,
                "meid": "",
                "wifiMacAddress": "40:4e:36:8c:db:2d",
                "serialNumber": "",
                "cellularTechnology": "device__p_cellular_technology",
                "currentCarrierNetwork": "UNKNOWN",
                "subscriberCarrierNetwork": "UNKNOWN",
                "locale": "en_US",
                "ownershipType": "UNKNOWN",
                "complianceState": true,
                "roaming": false,
                "supervised": null,
                "udid": null,
                "clientLastCheckin": 1546491367278,
                "iccid": "",
                "currentMcc": "0",
```

```
                "currentMnc": "0",
                "subscriberMcc": "0",
                "subscriberMnc": "0",
                "prettyModel": "Pixel 2",
                "policyViolationCount": 0,
                "latitude": null,
                "longitude": null,
                "locationLastCapturedAt": null,
                "lastRegistrationTime": 1546491255252,
                "lostModeEnabled": null,
                "multiUser": null,
                "clientDeviceIdentifier":
"684da0b411e03de9c30a76d5ee04f77575f8b5d27396c73e65c14c137a560663",
                "quarantined": false,
                "jailbroken": false,
                "passcodeCompliant": null,
                "passcodeCompliantWithProfiles": true,
                "blocked": false,
                "locationStatusDetail": null,
                "androidWorkContainerEnabled": false,
                "androidWorkUid": null,
                "fcmEnabled": false,
                "actionExceptionCodes": [],
                "violatedPolicies": [],
                "supportLockMessage": false,
                "ownerId": 10900,
                "legalOwnerId": null,
                "legalOwnerEmailAddress": null,
                "kioskState": "NOT_CONFIGURED",
                "customAttributes": {
                    "attrs": {
                        "cityid": [
                            "SF"
                        ]
                    }
                },
                "easDeviceIdentifiers": [
                    "bfe2136ea6602a80"
                ],
                "appEasIdentifiers": null,
                "androidDeviceOwnerModeEnabled": false,
                "windowsDeviceType": null,
                "secureAppsStatus": "FALSE",
                "secureAppsEncryptionStatus": "FALSE",
                "secureAppsEncryptionMode": "NONE",
                "tpmSpecificationVersion": null,
                "bridgeVersion": null,
                "bridgeDeviceDataLastCapturedAt": null,
                "lastHotfixId": null,
                "lastHotfixInstalledOn": null,
                "mamOnly": false,
                "depEnrolled": false,
                "depEligible": false
            }
        ],
        "offset": 0,
        "queryTime": 10,
        "facetedResults": {
            "LAST_HOTFIX_ID": {},
            "SUBSCRIBERCARRIERNETWORK": {
                "UNKNOWN": 1
            },
            "ANDROIDDEVICEOWNERMODEENABLED": {
                "false": 1
            },
```

```
        "PRETTYMODEL": {
            "Pixel 2": 1
        },
        "REGISTRATIONSTATE": {
            "RETIRED": 1
        },
        "MULTIUSER": {
            "false": 1
        },
        "ACCOUNTENABLED": {
            "true": 1
        },
        "ANDROIDWORKPROFILEENABLED": {
            "false": 1
        },
        "KIOSKSTATE": {
            "NOT_CONFIGURED": 1
        },
        "ANDROIDSECURITYPATCHLEVEL": {
            "2018-12-05": 1
        },
        "JAILBROKEN": {
            "false": 1
        },
        "PLATFORMTYPE": {
            "ANDROID": 1
        },
        "OWNERSHIPTYPE": {
            "UNKNOWN": 1
        },
        "ANTI_PHISHING_STATUS": {
            "UNKNOWN": 1
        },
        "ANDROIDSAFETYNETATTESTATIONTYPE": {
            "UNKNOWN": 1
        },
        "ANDROIDWORKDEVICEOWNERWITHWORKPROFILEENABLED": {
            "false": 1
        },
        "COMPLIANCESTATE": {
            "true": 1
        },
        "SUPERVISED": {
            "false": 1
        },
        "SECUREAPPSSTATUS": {
            "FALSE": 1
        },
        "MAMONLY": {
            "false": 1
        },
        "ACCOUNTGROUP": {
            "All Users": 1
        },
        "ANDROIDWORKENABLED": {
            "false": 1
        },
        "OSBUILDVERSION": {},
        "ROAMING": {
            "false": 1
        },
        "LOSTMODEENABLED": {
            "false": 1
        }
    },
```

```
        "totalUnfilteredResultCount": 0
    }
}
```

Get Device Configuration

This call gets device configurations on a specific device.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

api/v1/device/{id}/configs

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	The device identifier	22200

Example Request

https://[mobileiron cloud]/api/v1/device/22200/configs

Response Fields

Field	Description	Example Value
errors	Describes any errors encountered	null
result		
totalCount	Indicates how many configurations were retrieved.	6
queryTime	Indicates how long the query took to execute.	0
searchResults		

Field	Description	Example Value
id	ID of the configuration.	35046
name	Name of the configuration.	Passcode Config
systemName		null
description	Description of the configuration.	Corporate device passcode config
policyType	Type of policy	PASSCODE
policyRuleType		NONE
uuid		bd330bef-1ae8-4fe4-bdb7-dfbea2193aa1
enabled	Indicates whether the configuration is enabled.	true
priority	The priority of the configuration.	1
totalDeviceCount	How many devices use this configuration?	0
installedDeviceCount		0
violationDeviceCount	How many devices are in violation of this configuration?	0
modifiedAt	When the configuration was modified.	null
modifiedBy	The user who modified the configuration.	null
actions		null
status	The status of the configuration.	INSTALLED
offset		0
limit		6

Example Response


```
{
  "errors": null,
  "result": {
    "totalCount": 6,
    "queryTime": 0,
    "searchResults": [
      {
```

```
        "id": 35046,
        "name": "Passcode Config",
        "systemName": null,
        "description": "Corporate device passcode config",
        "policyType": "PASSCODE",
        "policyRuleType": "NONE",
        "uuid": "bd330bef-1ae8-4fe4-bdb7-dfbea2193aa1",
        "enabled": true,
        "priority": 1,
        "totalDeviceCount": 0,
        "installedDeviceCount": 0,
        "violationDeviceCount": 0,
        "modifiedAt": null,
        "modifiedBy": null,
        "actions": null,
        "status": "INSTALLED"
      },
      {
        "id": 37859,
        "name": "Identity for the App Catalog",
        "systemName": null,
        "description": "The Identity used by this device to access the iOS App Catalog
securely.",
        "policyType": "IDENTITY_CERTIFICATE_DG",
        "policyRuleType": "NONE",
        "uuid": "d48ed5cf-6fcb-47cf-b569-80ed3eeb201a",
        "enabled": true,
        "priority": 1,
        "totalDeviceCount": 0,
        "installedDeviceCount": 0,
        "violationDeviceCount": 0,
        "modifiedAt": null,
        "modifiedBy": null,
        "actions": null,
        "status": "INSTALLED"
      },
      {
        "id": 35161,
        "name": "MobileIron Corp Wifi",
        "systemName": null,
        "description": "WiFi for MobileIron corporate",
        "policyType": "WIFI",
        "policyRuleType": "NONE",
        "uuid": "35403a2b-52e7-48ed-9df6-598f3dbaec89",
        "enabled": true,
        "priority": 1,
        "totalDeviceCount": 0,
        "installedDeviceCount": 0,
        "violationDeviceCount": 0,
        "modifiedAt": null,
        "modifiedBy": null,
        "actions": null,
        "status": "INSTALLED"
      },
      {
        "id": 35148,
        "name": "MobileIron Cloud-Exchange-MS2",
        "systemName": null,
        "description": "",
        "policyType": "EXCHANGE",
        "policyRuleType": "NONE",
        "uuid": "acb5e979-2928-4799-999b-49e218e6bfc0",
        "enabled": true,
        "priority": 2,
        "totalDeviceCount": 0,
        "installedDeviceCount": 0,
```

```
        "violationDeviceCount": 0,
        "modifiedAt": null,
        "modifiedBy": null,
        "actions": null,
        "status": "INSTALLED"
      },
      {
        "id": 35037,
        "name": "App Catalog",
        "systemName": null,
        "description": "Access the iOS App Catalog via this Web Clip.",
        "policyType": "WEBCLIP",
        "policyRuleType": "NONE",
        "uuid": "c7a8ed81-0322-405f-90bc-5c1134a5ea5d",
        "enabled": true,
        "priority": 1,
        "totalDeviceCount": 0,
        "installedDeviceCount": 0,
        "violationDeviceCount": 0,
        "modifiedAt": null,
        "modifiedBy": null,
        "actions": null,
        "status": "INSTALLED"
      },
      {
        "id": 35162,
        "name": "MobileIron Corporate SSL",
        "systemName": null,
        "description": null,
        "policyType": "VPN",
        "policyRuleType": "NONE",
        "uuid": "5812cc6a-ba6b-4dd0-b879-403420cba703",
        "enabled": true,
        "priority": 1,
        "totalDeviceCount": 0,
        "installedDeviceCount": 0,
        "violationDeviceCount": 0,
        "modifiedAt": null,
        "modifiedBy": null,
        "actions": null,
        "status": "INSTALLED"
      }
    ],
    "offset": 0,
    "limit": 6
  }
}
```


Remove a Configuration from a Device

This call removes a configuration from a device.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

/api/v1/device/{id}/uninstallconfigs

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	id of the device.	197483
policyIds	Request body	id of the policy to remove. Can issue several in a comma-separated list.	47269

Example Request

curl 'https://[mobileiron cloud]/api/v1/device/197483/uninstallconfigs' -X PUT -H 'Content-Type: application/x-www-form-urlencoded' -H 'Accept: application/json, text/plain, */*' --data 'policyIds=47269'

Example Response

```
{
    "errors": null,
    "result": true
}
```

Delete a Configuration from the Uninstalled List

This call removes a configuration from the list of configurations added to the uninstalled list. For example, if you used the Remove a Configuration from a Device call to remove a configuration from a device, you can use this call to add the configuration back to the device.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

DELETE

Request URI

api/v1/device/{id}/uninstallconfigs?policyIds={policyIds}

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	id of the device	197483
policyIds	Path	id of the policy to remove from the uninstalled list. Can issue several in a comma-separated list.	47269

Example Request

curl 'https://[mobileiron cloud]/api/v1/device/197483/uninstallconfigs?policyIds=47269' -X DELETE -H 'Accept: application/json, text/plain, */*'

Example Response

```
{
    "errors": null,
    "result": true
}
```

Push a Configuration to a Device

This call pushes a configuration to a device.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

api/v1/device/{id}/reinstallconfigs

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	id of the device	197483
policyIds	Request body	id of the policy to push. Can issue several in a comma-separated list.	47269

Example Request

curl 'https://[mobileiron cloud]/api/v1/device/197483/reinstallconfigs' -X PUT -H 'Content-Type: application/x-www-form-urlencoded' -H 'Accept: application/json, text/plain, */*' --data 'policyIds=54694'

Example Response

```
{
    "errors": null,
    "result": true
}
```

Get Compliance Status of a Particular Device

Gets the compliance status of a device.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

api/v1/device/{id}/policies

Request Parameters

Parameter	Argument Type	Description	Sample Value
Id	Path	Id of the device.	22000

Example Request

https://cluster056.auto.acme.com/api/v1/device/22000/policies

Response Fields

Field	Description	Valid Values	Sample Value
errors			null
result			
totalCount			4
queryTime			0
searchResults			
id			35009
name			Compromised Devices
systemName			null
description			Checks for devices which are compromised.
policyType			POLICY
policyRuleType			COMPROMISED
uuid			ad452ba7-2922-41e6-9720-3c229c70f95c
enabled			true
priority			1
totalDeviceCount			0
installedDeviceCount			0
violationDeviceCount			0
modifiedAt			null
modifiedBy			null
actions			null
compliant			true

Field	Description	Valid Values	Sample Value
pendingCompliant			true
offset			0
limit			4

Example Response


```
{
  "errors": null,
  "result": {
    "totalCount": 4,
    "queryTime": 0,
    "searchResults": [
      {
        "id": 35009,
        "name": "Compromised Devices",
        "systemName": null,
        "description": "Checks for devices which are compromised.",
        "policyType": "POLICY",
        "policyRuleType": "COMPROMISED",
        "uuid": "ad452ba7-2922-41e6-9720-3c229c70f95c",
        "enabled": true,
        "priority": 1,
        "totalDeviceCount": 0,
        "installedDeviceCount": 0,
        "violationDeviceCount": 0,
        "modifiedAt": null,
        "modifiedBy": null,
        "actions": null,
        "compliant": true,
        "pendingCompliant": true
      },
      {
        "id": 35011,
        "name": "MDM / Device Administration Disabled",
        "systemName": null,
        "description": "Checks for devices which do not have MDM/Device Administration
Enabled.",
        "policyType": "POLICY",
        "policyRuleType": "MDM_DISABLED",
        "uuid": "c9b7891c-7f98-4bb1-a28c-1dab0e532916",
        "enabled": true,
        "priority": 3,
        "totalDeviceCount": 0,
        "installedDeviceCount": 0,
        "violationDeviceCount": 0,
        "modifiedAt": null,
        "modifiedBy": null,
        "actions": null,
        "compliant": true,
        "pendingCompliant": true
      },
      {
        "id": 35012,
        "name": "Out of Contact ",
        "systemName": null,
        "description": "Checks for devices which have been out of contact for the specified
time.",
        "policyType": "POLICY",
```

```
          "policyRuleType": "OUT_OF_CONTACT",
          "uuid": "4edbe47b-2ce2-4a45-a9df-c2e8c03e3fd6",
          "enabled": true,
          "priority": 4,
          "totalDeviceCount": 0,
          "installedDeviceCount": 0,
          "violationDeviceCount": 0,
          "modifiedAt": null,
          "modifiedBy": null,
          "actions": null,
          "compliant": true,
          "pendingCompliant": true
        },
        {
          "id": 35010,
          "name": "International Roaming Devices",
          "systemName": null,
          "description": "Checks for devices which are currently roaming.",
          "policyType": "POLICY",
          "policyRuleType": "ROAMING",
          "uuid": "0f70be4a-19a5-4ecb-9d04-a9127a4a613f",
          "enabled": true,
          "priority": 2,
          "totalDeviceCount": 0,
          "installedDeviceCount": 0,
          "violationDeviceCount": 0,
          "modifiedAt": null,
          "modifiedBy": null,
          "actions": null,
          "compliant": false,
          "pendingCompliant": false
        }
      ],
      "offset": 0,
      "limit": 4
    }
  }
```


Check Force Check-in Viability

This call determines whether a device can be force checked-in.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

api/v1/device/forceCheckin?checkViability=true&ids=ids

Request Parameters

Parameter	Argument Type	Description	Example Value
checkViability	Path	Specify true if you want to just check	true
ids	Path	id of the device	22000

Example Request

https://[mobileiron cloud]/api/v1/device/forceCheckin?checkViability=true&ids=22062&ids=22196

Example Response

```
{
    "errors": null,
    "result": {
        "totalCount": 0,
        "queryTime": 0,
        "searchResults": [ ],
        "offset": 0,
        "limit": 0
    }
}
```

Force check in a device or devices

This call forces a single or multiple devices to check in. You can use device IDs or GUIDs (global unique identifier) as parameters. The parameters of this call are included in a request body, however, you can issue them as query parameters, and the server will parse them into a request body for you.

Required User Permissions

Device Actions or Device Management.

HTTP Method

PUT

Request URI

/api/v1/device/forceCheckin

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Request Body	IDs of the devices to force checkin. You can force checkin multiple devices by chaining the ids, for example: ids=22015,22002.	ids=22015,22002
guids	Request Body	GUIDs of the devices to force checkin. You can force checkin multiple devices by chaining the GUIDs, for example: guids=57d9903c-aadf-4b40-aef3-e1f24302f180,56d8803c-aadf-4b40-aef3-e1f24302f180.	guids=57d9903c-aadf-4b40-aef3-e1f24302f180,56d8803c-aadf-4b40-aef3-e1f24302f180

Example Requests

curl "https://[mobileiron cloud]/api/v1/device/forceCheckin" -X PUT --data "ids=22062&ids=22196"

curl -X PUT -kv -u *user*:*password* "https://[mobileiron cloud]/api/v1/device/forceCheckin?ids=22000”

curl -X PUT -kv -u *user*:*password* "https://[mobileiron cloud]/api/v1/device/forceCheckin?guids=57d9903c-aadf-4b40-aef3-e1f24302f180”

Example Response

```
{
  "errors": null,
  "result": 2
}
```

Check Wipe Viability

This call determines whether a device can be wiped.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

api/v1/device/wipe

Request Parameters

Parameter	Argument Type	Description	Example Value
checkViability	Path	Specify true if you want to just check	true
ids	Path	id of the device	22000

Example Request

https://[mobileiron cloud]/api/v1/device/wipe?checkViability=true&ids=22000

Example Response

```
{
  "errors": null,
  "result": {
    "totalCount": 0,
    "queryTime": 0,
    "searchResults": [ ],
    "offset": 0,
    "limit": 0
  }
}
```

Wipe device

This call wipes a device.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

api/v1/device/wipe

Request Body Parameters

Parameter	Argument Type	Description	Example Value
ids	Request body	id of the device to wipe	22000

Example Request

curl –X PUT “https://[mobileiron cloud]/api/v1/device/wipe” –d “ids=22000”

Example Response

```
{
  "errors": null,
  "result": 1
}
```

Check Lock viability

This call checks whether a device can be locked.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

api/v1/device/lock

Request Parameters

Parameter	Argument Type	Description	Example Value
checkViability	Path	Specify true if you want to just check	true
ids	Path	id of the device	22000

Example Request

https://[mobileiron cloud]/api/v1/device/lock?checkViability=true&ids=22000

Example Response

```
{
  "errors": null,
  "result": {
    "totalCount": 0,
    "queryTime": 0,
    "searchResults": [ ],
    "offset": 0,
    "limit": 0
  }
```

```
}
```

Lock a device or devices

This call locks a single or several devices. You can use device IDs or GUIDs (global unique identifier) as parameters. The parameters of this call are included in a request body, however, you can issue them as query parameters, and the server will parse them into a request body for you.

Required User Permissions

Device Actions or Device Management.

HTTP Method

PUT

Request URI

api/v1/device/lock

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Request body	ids of the devices to lock. To lock multiple devices, you can chain the ids parameter, for example: ids=126070&ids=337552	22000
guids	Request Body	GUIDs of the devices to lock. You can lock multiple devices by chaining the GUIDs, for example: guids=57d9903c-aadf-4b40-aef3-e1f24302f180&guids=56d8803c-aadf-4b40-aef3-e1f24302f180.	57d9903c-aadf-4b40-aef3-e1f24302f180

Example Requests

```
curl –X PUT “https://[mobileiron cloud]/api/v1/device/lock” –d “ids=22000”
curl -X PUT -kv -u user:password "https://[mobileiron cloud]/api/v1/device/lock?ids=22000”
curl -X PUT -kv -u user:password "https://[mobileiron
cloud]/api/v1/device/lock?guids=57d9903c-aadf-4b40-aef3-e1f24302f180”
```

Example Response

```
{
  "errors": null,
  "result": 1
}
```

Unlock a device or devices

This call unlocks a single or several devices.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

api/v1/device/unlock

Request Parameters

Parameter	Argument Type	Description	Sample Value
ids	Request body	id of the device to unlock. To unlock multiple devices, you can chain the ids parameter, for example: ids=126070&ids=337552	22000

Example Request

```
curl -X PUT “https://mobileiron cloud/api/v1/device/unlock” -d “ids=22000”
```

Example Response

```
{
  "errors": null,
  "result": 1
}
```

Check Retire Viability

This call checks whether a device can be retired

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

api/v1/device/retire

Request Parameters

Parameter	Argument Type	Description	Example Value
checkViability	Path	Specify true if you want to just check	true
ids	Path	id of the device	22000

Example Request

https://[mobileiron cloud]/api/v1/device/retire?checkViability=true&ids=22000

Example Response

```
{
  "errors": null,
  "result": {
    "totalCount": 0,
    "queryTime": 0,
    "searchResults": [ ],
    "offset": 0,
    "limit": 0
  }
}
```

Retire device

This call retires a device.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

api/v1/device/retire

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Request body	id of the device to retire	1007966

Example Request

curl –X PUT “https://[mobileiron cloud]/api/v1/device/retire” –d “ids= 1007966”

Example Response

```
{
  "errors": null,
  "result": 1
}
```

Delete Device

This call deletes a device. You must run the Retire device call first before deleting the device.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

DELETE

Request URI

/api/v1/device?deviceIds={id}

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Request body	id of the device to retire	1007966

Example Request

curl 'https://[mobileiron cloud]/api/v1/device?deviceIds=1007966' -X DELETE

Example Response

```
{
  "errors": null,
  "result": 1
```

```
}
```

Send a device or devices a message

This call sends a device or devices a push notification message.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

/api/v1/device/message

Request Parameters

Parameter	Argument Type	Description	Example Value
sendPushNotification	Request body	Instructs the call to send a push notification message. Value is true.	sendPushNotification=true
pushNotificationMessage	Request body	The content of the message, concatenated with plus signs (+).	pushNotificationMessage=Docs+test+of+bulk+messages
sendEmail	Request body	Instructs the call not to send an email also. Value is false.	sendEmail=false
emailSubject	Request	Should be	emailSubject=

Parameter	Argument Type	Description	Example Value
	body	sent as shown in the next column.	
emailBody	Request body	Should be sent as shown in the next column.	emailBody=
dmPartitionId	Request body	The device space ID of the device(s).	dmPartitionId=23003
q=&deviceIds	Request body	The IDs of the devices to which to send the push notification message, separated by url-encoded commas. , is %2C url-encoded.	q=&deviceIds=370872%2C383279

Example Request

curl "https://[mobileiron_cloud]/api/v1/device/message" -X PUT --data "sendPushNotification=true&pushNotificationMessage=Docs+test+of+bulk+messages&sendEmail=false&emailSubject=&emailBody=&dmPartitionId=23003&q=&deviceIds=370872"%"2C383279"

Example Response

```
{
      "errors": null,
      "result": true

}
```

Check Enter Kiosk Mode Viability

This call checks whether a device can be entered into kiosk mode.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/api/v1/device/enterKioskMode?checkViability=true&ids=deviceIds

Request Parameters

Parameter	Argument Type	Description	Example Value
deviceIds	Path	id of the device	22000

Example Request

https://[mobileiron cloud]/api/v1/device/enterKioskMode?checkViability=true&ids=22000

Example Response

```
{
    "errors": null,
    "result": {
        "totalCount": 0,
        "queryTime": 0,
        "searchResults": [ ],
        "offset": 0,
        "limit": 0
    }
}
```

Enter a Device into Kiosk Mode

This call enters a device into Kiosk mode and is available for Android devices only.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

api/v1/device/enterKioskMode

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Request body	ids of the devices to enter into Kiosk mode	22000

Example Request

curl -X PUT 'https://[mobileiron_cloud]/api/v1/device/enterKioskMode' --data 'ids=22000'

Example Response

```
{
  "errors": null,
  "result": 1
}
```

Remove Device from Kiosk Mode

This call removes a device from Kiosk mode and is available for Android devices only.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

PUT

Request URI

api/v1/device/exitKioskMode

Request Parameters

Parameter	Argument Type	Description	Example Value
ids	Request body	ids of the devices to remove from Kiosk mode	22000

Example Request

curl –X PUT “https://[mobileiron cloud]/api/v1/device/exitKioskMode” –d “ids=22000”

Example Response

```
{
  "errors": null,
  "result": 1
}
```

Get List of Devices Registered Within x Amount of Time

This call gets a list of devices registered within the last x days, hours, minutes, and seconds.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/api/v1/device?dmPartitionId=dmPartitionId&fq=lastRegistrationTime<'dd:hr:mm:ss'&rows=rows&start=start

Request Parameters

Parameter	Argument Type	Description	Example Value
dmPartitionId	Path	Integer. The device space ID.	23003
dd:hr:mm:ss	Path	Time. The time in days, hours, minutes, and seconds to search for the last registration.	0:0:03:06 (Represents in the last 3 minutes 6 seconds)
rows	Path	Integer. How many rows to retrieve. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	5
start	Path	Integer. The row on which to start the display.	0

Example Request

```
http://[mobileiron_
cloud]/api/v1/device?dmPartitionId=23003&fq=lastRegistrationTime<'0:0:03:06'&rows=5&start=0
```

Response Fields

Response Fields	Description
errors	
result	
totalCount	
queryTime	
searchResults	
id	
phoneNumber	
deviceModel	
platformType	
platformVersion	
lastCheckin	
registrationState	
displayName	
firstName	
lastName	
uid	
emailAddress	
clientVersion	
manufacturer	
imei	
wifiMacAddress	
serialNumber	
currentCarrierNetwork	
subscriberCarrierNetwork	

Response Fields	Description
locale	
ownershipType	
complianceState	
roaming	
supervised	
udid	
clientLastCheckin	
iccid	
currentMcc	
currentMnc	
subscriberMcc	
subscriberMnc	
prettyModel	
policyViolationCount	
latitude	
longitude	
locationLastCapturedAt	
lastRegistrationTime	
locationStatusDetail	
actionExceptionCodes	
null	
supportLockMessage	
ownerId	
legalOwnerId	Legal owner of the device, for shared iPad devices.
legalOwnerEmailAddress	Email address of the device legal owner, for shared iPad devices.
kioskState	

Response Fields	Description
customAttributes	
offset	
limit	
facetedResults	
PRETTYMODEL	
List of models	
COMPLIANCESTATE	
false	
true	
OWNERSHIPTYPE	
COMPANY	
EMPLOYEE	
UNKNOWN	
SUBSCRIBERCARRIERNETWORK	
List of networks	
JAILBROKEN	
true	
false	
ACCOUNTGROUP	
List of groups	
REGISTRATIONSTATE	
RETIRED	
WIPE_CANCELED	
RETIRE_CANCELED	
RETIRE_SENT	
WIPE_PENDING	

Response Fields	Description
WIPE_SENT	
WIPED	
RETIRE_PENDING	
ACTIVE	
SUPERVISED	
true	
false	
ROAMING	
true	
false	
PLATFORMTYPE	
ANDROID	
IOS	
WINDOWS_PHONE	
OSX	
KIOSKSTATE	
NOT_CONFIGURED	
INACTIVE	
ACTIVE	
totalUnfilteredResultCount	

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 1,
        "queryTime": 28,
        "searchResults": [
            {
                "id": 394985,
                "phoneNumber": "+15558555543",
                "deviceModel": "XT1095",
                "platformType": "ANDROID",
                "platformVersion": "5.0",
                "lastCheckin": 1426183813073,
                "registrationState": "ACTIVE",
                "displayName": "Bill Smith",
                "firstName": "Bill",
```

```
            "lastName": "Smith",
            "uid": "bsmith@acme.com",
            "emailAddress": " bsmith@acme.com",
            "clientVersion": "3.0.1.3",
            "manufacturer": "motorola",
            "imei": "353345061657294",
            "wifiMacAddress": "f8:cf:c5:00:b1:4a",
            "serialNumber": "TA4490808E",
            "currentCarrierNetwork": "T-Mobile",
            "subscriberCarrierNetwork": "UNKNOWN",
            "locale": "en_US",
            "ownershipType": "UNKNOWN",
            "complianceState": true,
            "roaming": false,
            "supervised": null,
            "udid": null,
            "clientLastCheckin": 1426183813073,
            "iccid": "8901260222782933598",
            "currentMcc": "310",
            "currentMnc": "260",
            "subscriberMcc": "310",
            "subscriberMnc": "260",
            "prettyModel": "XT1095",
            "policyViolationCount": 0,
            "latitude": null,
            "longitude": null,
            "locationLastCapturedAt": null,
            "lastRegistrationTime": 1426183707585,
            "locationStatusDetail": null,
            "actionExceptionCodes": [
                null
            ],
            "supportLockMessage": false,
            "ownerId": 10220,
            "legalOwnerId": null,
            "legalOwnerEmailAddress": null,
            "kioskState": "NOT_CONFIGURED",
            "customAttributes": null
        }
    ],
    "offset": 0,
    "limit": 5,
    "facetedResults": {
        "PRETTYMODEL": {
            "SM-N900V": 0,
            "iPad": 0,
            "GT-I9505": 0,
            "SAMSUNG-SM-N900A": 0,
            "HTC 802w": 0,
            "SM-N900T": 0,
            "GT-I9500": 0,
            "SAMSUNG-SGH-I337": 0,
            "Nexus 9": 0,
            "GT-N8013": 0,
            "iPhone": 0,
            "MI 2S": 0,
            "SM-G900F": 0,
            "SM-T210R": 0,
            "SM-G900H": 0,
            "SC-02E": 0,
            "SM-G530H": 0,
            "Nexus 4": 0,
            "SAMSUNG-SGH-I727": 0,
            "iPod touch": 0,
            "Nexus 5": 0,
            "SM-T530NU": 0,
```

```
            "SPH-L720": 0,
            "Nexus 6": 0,
            "Nexus 7": 0,
            "SM-T320": 0,
            "iPhone 4s": 0,
            "SM-P600": 0,
            "iPad Mini": 0,
            "GT-I9105P": 0,
            "SGH-M919": 0,
            "SCH-I535": 0,
            "C6802": 0,
            "A0001": 0,
            "SC-03D": 0,
            "GT-P3113": 0,
            "iPhone 3Gs": 0,
            "DROID RAZR": 0,
            "LG-D858HK": 0,
            "SAMSUNG-SM-G900A": 0,
            "iPad 2": 0,
            "iPhone 5s": 0,
            "XT1095": 1,
            "Galaxy Nexus": 0,
            "GT-N7000": 0,
            "iPhone 6 Plus": 0,
            "iPad4,7": 0,
            "iPad5,3": 0,
            "iPad5,4": 0,
            "Nexus 10": 0,
            "Lumia 520": 0,
            "iPhone 5c": 0,
            "GT-P5113": 0,
            "SCH-I545": 0,
            "MacBookAir6,2": 0,
            "SAMSUNG-SGH-I317": 0,
            "GT-N7105": 0,
            "LG-D851": 0,
            "SAMSUNG-SGH-I747": 0,
            "GT-N7100": 0,
            "iPad 4th gen": 0,
            "iPhone3,2": 0,
            "iPod touch 4th gen": 0,
            "HTC One X": 0,
            "SM-N910G": 0,
            "XT1080": 0,
            "Lumia 635": 0,
            "GT-I9000": 0,
            "iPad 3rd gen": 0,
            "iPad Air": 0,
            "Lumia 925": 0,
            "iPhone 4": 0,
            "SCH-I915": 0,
            "iPhone 5": 0,
            "iPhone 6": 0,
            "HTC One": 0,
            "GT-I9300": 0,
            "iPod touch 5th gen": 0,
            "Lumia 630": 0,
            "iPad Mini 2nd gen": 0,
            "iPhone Simulator": 0,
            "SC-01F": 0,
            "MacBookAir4,2": 0,
            "Nexus S": 0
        },
        "COMPLIANCESTATE": {
            "false": 0,
            "true": 1
```

```
},
"OWNERSHIPTYPE": {
    "COMPANY": 0,
    "EMPLOYEE": 0,
    "UNKNOWN": 1
},
"SUBSCRIBERCARRIERNETWORK": {
    "Verizon": 0,
    "vf nl": 0,
    "Viettel": 0,
    "ドコモ": 0,
    "KDDI": 0,
    "T-Mobile": 0,
    "AT&T": 0,
    "ATT-US": 0,
    "中国移动": 0,
    "Sprint": 0,
    "Vodafone India": 0,
    "movistar": 0,
    "Vodafone.de": 0,
    "OPTUS": 0,
    "UNKNOWN": 1,
    "NTT DOCOMO": 0,
    "Airtel TZ": 0,
    "vodafone UK": 0,
    "TELCEL": 0,
    "airtel": 0,
    "SingTel": 0,
    "YES OPTUS": 0,
    "Singtel": 0,
    "AirTel": 0,
    "000-IN": 0,
    "Carrier": 0,
    "CMCC": 0,
    "Telekom.de": 0,
    "中国联通": 0,
    "Verizon Wireless": 0,
    "EE": 0,
    "Telstra": 0
},
"JAILBROKEN": {
    "true": 0,
    "false": 1
},
"ACCOUNTGROUP": {
    "Professional Services": 0,
    "xteam": 0,
    "UX Test Group": 0,
    "Sales": 1,
    "EMEA-ISR": 0,
    "MiOnMi-AllO365": 1,
    "UG2": 0,
    "Demo Group": 0,
    "hari": 0,
    "Russ": 0,
    "UX Team": 0,
    "Test Group - Created by/for ArjanV@mobileiron.com": 0,
    "Newell North America": 0,
    "洋一テストユーザーグループ": 0,
    "Customer Success": 0,
    "IT Test Group": 0,
    "Engineering": 0,
    "Business Development": 0,
    "Newell Georgia": 0,
    "MIMIC-o365Test": 0,
    "Marketing": 0,
```

```
                "EMEA-Partner-Helpdesk": 0,
                "all-productmanagers": 0,
                "UX": 0,
                "Newell": 0,
                "RichardLi": 0,
                "Users Not Syncing groups": 0,
                "SE": 1,
                "QA": 0,
                "SAFE - Native Samsung Users": 0,
                "Roupen Group": 0,
                "IT": 0,
                "Local Users - Unable to Link to AD": 0,
                "System Administrators": 0,
                "Supervised Devices": 0,
                "Vinay Parihar": 0,
                "Tyson Wheeler - Android": 0,
                "MIOnMI-AllServices": 0,
                "UG1": 0,
                "RamseyNJesse": 0,
                "Default Group": 1,
                "All Users": 1,
                "Sales Ops": 0,
                "Chris Kim": 0,
                "CN": 0,
                "Japan": 0,
                "Mirko": 0
            },
            "REGISTRATIONSTATE": {
                "RETIRED": 0,
                "WIPE_CANCELED": 0,
                "RETIRE_CANCELED": 0,
                "RETIRE_SENT": 0,
                "WIPE_PENDING": 0,
                "WIPE_SENT": 0,
                "WIPED": 0,
                "RETIRE_PENDING": 0,
                "ACTIVE": 1
            },
            "SUPERVISED": {
                "true": 0,
                "false": 1
            },
            "ROAMING": {
                "true": 0,
                "false": 1
            },
            "PLATFORMTYPE": {
                "ANDROID": 1,
                "IOS": 0,
                "WINDOWS_PHONE": 0,
                "OSX": 0
            },
            "KIOSKSTATE": {
                "NOT_CONFIGURED": 1,
                "INACTIVE": 0,
                "ACTIVE": 0
            }
        },
        "totalUnfilteredResultCount": 503
    }
}
```

Get List of Devices Checked In Within x Amount of Time

This call gets a list of devices checked in within the last x seconds, minutes or hours. The call returns such fields, for example, as availableCapacity and totalCapacity, to aid troubleshooting why apps are not installing.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/api/v1/device?dmPartitionId=*dmPartitionId*&fq=lastCheckin<'*hh:mm:ss*'&rows=*rows*&start=*start*

Request Parameters

Parameter	Argument Type	Description	Example Value
dmPartitionId	Path	Integer. The device space ID.	23003
fq=lastCheckin	Query	Solr Filter Query parameter (fq) filtering the query to return devices checked in within the time specified in hours, minutes and seconds.	fq=lastCheckin<'00:01:00'
rows	Query	Integer. How many rows to retrieve. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	5
start	Query	Integer. The row on which to start the display.	0

Example Request

```
https://[mobileiron_
cloud]/api/v1/device?dmPartitionId=23003&fq=lastCheckin<'00:01:00'&rows=5&start=0
```

Response Fields

Field	Description
errors	
result	
totalCount	
searchResults	
id	
guid	
mdmChannelId	
phoneNumber	
deviceModel	
deviceName	
platformType	
platformVersion	
osBuildVersion	
lastCheckin	
registrationState	
displayName	
firstName	
lastName	
uid	
emailAddress	
clientVersion	
manufacturer	
imei	
imei2	

Field	Description
imsi	
locatorServiceEnabled	
meid	
wifiMacAddress	
wifiMacAddressForInventory	
systemUpdateInformation	
serialNumber	
altSerialNumber	
cellularTechnology	
currentCarrierNetwork	
subscriberCarrierNetwork	
locale	
ownershipType	
complianceState	
roaming	
supervised	
udid	
clientLastCheckin	
iccid	
currentMcc	
currentMnc	
subscriberMcc	
subscriberMnc	
prettyModel	

Field	Description
policyViolationCount	
latitude	
longitude	
locationLastCapturedAt	
lastRegistrationTime	
lostModeEnabled	
multiUser	
maxResidentUsers	
clientDeviceIdentifier	
availableCapacity	
totalCapacity	
clusterIdentifier	
deviceSource	
quarantined	
jailbroken	
passcodeCompliant	True if the passcode is compliant with all the requirements on the device, including Exchange and other accounts. Applicable for iOS only (null for the other platforms).
passcodeCompliantWithProfiles	True if the passcode is compliant with EMM profiles.
blocked	
locationStatusDetail	

Field	Description
androidBuildFingerprint	
androidBuildId	
androidZebraPatchLevel	
androidSystemUpdateStatus	
salesCode	
firmwareVersion	
uptime	
userEnrolled	
androidWorkContainerEnabled	
androidWorkUid	
androidManagedByGoogle	
fcmEnabled	
actionExceptionCodes	
violatedPolicies	
supportLockMessage	
ownerId	
legalOwnerId	Legal owner of the device, for shared iPad devices.
legalOwnerEmailAddress	Email address of the device legal owner, for shared iPad devices.
kioskState	
customAttributes	
easDeviceIdentifiers	
appEasIdentifiers	
androidDeviceOwnerModeEnabled	

Field	Description
windowsDeviceType	
secureAppsStatus	
secureAppsEncryptionStatus	
secureAppsEncryptionMode	
tpmSpecificationVersion	
bridgeVersion	
bridgeDeviceDataLastCapturedAt	
lastHotfixId	
lastHotfixInstalledOn	
mamOnly	
authOnly	
ipAddress	Is GDPR compliant.
depEnrolled	
depEligible	
mobileThreatDefenseGeneralStatus	
antiPhishingGeneralStatus	
samsungEfotaCapable	
currentCountryName	If the value for currentCountryName is blank or null, the corres ponding API response field will be "null."
currentCountryCode	
homeCountryName	If the value for homeCountryName is blank or null, the corresp onding API response field will be "null."

Field	Description
homeCountryCode	
userPreferenceCSVHeader	
dmPartitionId	
dmPartitionName	
entityName	
offset	
queryTime	
facetedResults	
LAST_HOTFIX_ID	
SUBSCRIBERCARRIERNETWORK	
AUTHONLY	
ANDROIDWORKPROFILEONCOMPANYOWNEDDEVICEENABLED	
ANDROIDDEVICEOWNERMODEENABLED	
PRETTYMODEL	
REGISTRATIONSTATE	
DEVICESOURCE	
MULTIUSER	
ACCOUNTENABLED	
ANDROIDWORKPROFILEENABLED	
KIOSKSTATE	
ANDROIDSECURITYPATCHLEVEL	
JAILBROKEN	
PLATFORMTYPE	
OWNERSHIPTYPE	

Field	Description
ANDROIDSAFETYNETATTESTATIONTYPE	
ANDROIDWORKDEVICEOWNERWITHWORKPROFILEENABLED	
COMPLIANCESTATE	
MOBILE_THREAT_DEFENSE_GENERAL_STATUS	
SUPERVISED	
ANTIPHISHINGGENERALSTATUS	
SECUREAPPSSTATUS	
MAMONLY	
ANDROIDMANAGEDBYGOOGLE	
ACCOUNTGROUP	
ANDROIDWORKENABLED	
OSBUILDVERSION	
ROAMING	
LOSTMODEENABLED	
totalUnfilteredResultCount	

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 1,
        "searchResults": [
            {
                "id": 89073,
                "guid": "50cf8b26-4514-4f16-b0b8-2b4a5f9a965d",
                "mdmChannelId": "50f0321c-f12d-492e-99c1-61bbbe31b4ef",
                "phoneNumber": null,
                "deviceModel": "iPad7,5",
                "deviceName": "Micloud’s iPad",
                "platformType": "IOS",
                "platformVersion": "12.4",
                "osBuildVersion": "16G77",
                "lastCheckin": 1597793723830,
                "registrationState": "ACTIVE",
                "displayName": "ad fs",
                "firstName": "ad",
                "lastName": "fs",
                "uid": "adfsuser1@micadfs.com",
                "emailAddress": "a@mobileiron.com",
```

```
"clientVersion": null,
"manufacturer": "Apple Inc.",
"imei": null,
"imei2": null,
"imsi": null,
"locatorServiceEnabled": true,
"meid": null,
"wifiMacAddress": "60:8c:4a:ac:b6:24",
"wifiMacAddressForInventory": null,
"systemUpdateInformation": null,
"serialNumber": "GG7XCJ38JF8K",
"altSerialNumber": null,
"cellularTechnology": "device__p_cellular_technology",
"currentCarrierNetwork": "UNKNOWN",
"subscriberCarrierNetwork": "UNKNOWN",
"locale": null,
"ownershipType": "UNKNOWN",
"complianceState": true,
"roaming": false,
"supervised": false,
"udid": "aa02889fa80c43e2e22f33d12ff12d564d735d49",
"clientLastCheckin": null,
"iccid": null,
"currentMcc": null,
"currentMnc": null,
"subscriberMcc": null,
"subscriberMnc": null,
"prettyModel": "iPad 6th gen",
"policyViolationCount": 0,
"latitude": null,
"longitude": null,
"locationLastCapturedAt": null,
"lastRegistrationTime": 1597349037211,
"lostModeEnabled": false,
"multiUser": false,
"maxResidentUsers": null,
"clientDeviceIdentifier": null,
"availableCapacity": 17.063477,
"totalCapacity": 22.111652,
"clusterIdentifier": "CLOUD",
"deviceSource": "CLOUD",
"quarantined": false,
"jailbroken": false,
"passcodeCompliant": true,
"passcodeCompliantWithProfiles": true,
"blocked": false,
"locationStatusDetail": null,
"androidBuildFingerprint": null,
"androidBuildId": null,
"androidZebraPatchLevel": null,
"androidSystemUpdateStatus": null,
"salesCode": null,
"firmwareVersion": null,
"uptime": null,
"userEnrolled": false,
"androidWorkContainerEnabled": false,
"androidWorkUid": null,
"androidManagedByGoogle": false,
"fcmEnabled": false,
"actionExceptionCodes": [ ],
"violatedPolicies": [ ],
"supportLockMessage": true,
"ownerId": 12206107,
"legalOwnerId": null,
"legalOwnerEmailAddress": null,
```

```
            "kioskState": "NOT_CONFIGURED",
            "legalOwnerId": null,
            "legalOwnerEmailAddress": null,
            "customAttributes": null,
            "easDeviceIdentifiers": [
                "LQQEGK4VED1H75L0S40DBA9MB8"
            ],
            "appEasIdentifiers": null,
            "androidDeviceOwnerModeEnabled": false,
            "windowsDeviceType": null,
            "secureAppsStatus": null,
            "secureAppsEncryptionStatus": null,
            "secureAppsEncryptionMode": null,
            "tpmSpecificationVersion": null,
            "bridgeVersion": null,
            "bridgeDeviceDataLastCapturedAt": null,
            "lastHotfixId": null,
            "lastHotfixInstalledOn": null,
            "mamOnly": false,
            "authOnly": false,
            "ipAddress": null,
            "depEnrolled": false,
            "depEligible": false,
            "mobileThreatDefenseGeneralStatus": "NA",
            "antiPhishingGeneralStatus": "NA",
            "samsungEfotaCapable": false,
            "currentCountryName": null,
            "currentCountryCode": null,
            "homeCountryName": null,
            "homeCountryCode": null,
            "userPreferenceCSVHeader": null,
            "dmPartitionId": 23504,
            "dmPartitionName": "Default Space",
            "entityName": "Micloud’s iPad"
        }
    ],
    "offset": 0,
    "queryTime": 5,
    "facetedResults": {
        "LAST_HOTFIX_ID": { },
        "SUBSCRIBERCARRIERNETWORK": {
            "UNKNOWN": 1
        },
        "AUTHONLY": {
            "false": 1
        },
        "ANDROIDWORKPROFILEONCOMPANYOWNEDDEVICEENABLED": {
            "false": 1
        },
        "ANDROIDDEVICEOWNERMODEENABLED": {
            "false": 1
        },
        "PRETTYMODEL": {
            "iPad 6th gen": 1
        },
        "REGISTRATIONSTATE": {
            "ACTIVE": 1
        },
        "DEVICESOURCE": {
            "CLOUD": 1
        },
        "MULTIUSER": {
            "false": 1
        },
        "ACCOUNTENABLED": {
```

```
                "true": 1
            },
            "ANDROIDWORKPROFILEENABLED": {
                "false": 1
            },
            "KIOSKSTATE": {
                "NOT_CONFIGURED": 1
            },
            "ANDROIDSECURITYPATCHLEVEL": { },
            "JAILBROKEN": {
                "false": 1
            },
            "PLATFORMTYPE": {
                "IOS": 1
            },
            "OWNERSHIPTYPE": {
                "UNKNOWN": 1
            },
            "ANDROIDSAFETYNETATTESTATIONTYPE": {
                "UNKNOWN": 1
            },
            "ANDROIDWORKDEVICEOWNERWITHWORKPROFILEENABLED": {
                "false": 1
            },
            "COMPLIANCESTATE": {
                "true": 1
            },
            "MOBILE_THREAT_DEFENSE_GENERAL_STATUS": {
                "NA": 1
            },
            "SUPERVISED": {
                "false": 1
            },
            "ANTIPHISHINGGENERALSTATUS": {
                "NA": 1
            },
            "SECUREAPPSSTATUS": { },
            "MAMONLY": {
                "false": 1
            },
            "ANDROIDMANAGEDBYGOOGLE": {
                "false": 1
            },
            "ACCOUNTGROUP": {
                "All Users": 1,
                "ADFS IDP": 1
            },
            "ANDROIDWORKENABLED": {
                "false": 1
            },
            "OSBUILDVERSION": {
                "16G77": 1
            },
            "ROAMING": {
                "false": 1
            },
            "LOSTMODEENABLED": {
                "false": 1
            }
        },
        "totalUnfilteredResultCount": 0
    }
}
```

List Devices by UID or Email Address

This call lists devices by UID or by email address.

Authentication

This call requires Tenant Admin credentials.

HTTP Method

GET

Request URI

/api/v1/device

Request Parameters

Parameter	Argument Type	Description	Example Value
q	Path	The query container	?q=&dmPartitionId=23505&fq=EMAILADDRESS+EQ+smith@mobileiron.com
dmPartitionId	Path	The device space ID.	23505
fq	Path	• Searches for a device by email address or by UID: • By email address: • fq=EMAILADDRESS+EQ+emailaddress • By UID: • fq=UID+EQ+UID	fq=EMAILADDRESS+EQ+smith@mobileiron.com or fq=UID+EQ+smith@mobileiron.com

Example Request

https://[mobileiron_cloud]/api/v1/device?q=&dmPartitionId=23505&fq=EMAILADDRESS+EQ+smith@mobileiron.com

or

https://[mobileiron_cloud]/api/v1/device?q=&dmPartitionId=23505&fq=UID+EQ+ smith@mobileiron.com

Example Response


```
{

 "errors": null,
    "result": {
        "totalCount": 1,
        "searchResults": [
            {
                "id": 197483,
                "mdmChannelId": null,
                "phoneNumber": "+447480308390",
                "deviceModel": "iPhone6,2",
                "deviceName": "iPhone",
                "platformType": "IOS",
                "platformVersion": "8.1.2",
                "osBuildVersion": "12B440",
                "lastCheckin": 1422649201021,
                "registrationState": "ACTIVE",
                "displayName": "Stuart Cordery",
                "firstName": "Stuart",
                "lastName": "Cordery",
                "uid": "ssmith@mobileiron.com",
                "emailAddress": "ssmith@mobileiron.com",
                "clientVersion": "2.9.0 (2.9.0.15)",
                "manufacturer": "Apple Inc.",
                "imei": "35 876105 566321 0",
                "imsi": null,
                "meid": null,
                "wifiMacAddress": "90:b9:31:73:5b:f6",
                "serialNumber": "F2LLMEE9FFG8",
                "cellularTechnology": "device__p_cellular_technology",
                "currentCarrierNetwork": "UNKNOWN",
                "subscriberCarrierNetwork": "Three",
                "locale": null,
                "ownershipType": "UNKNOWN",
                "complianceState": false,
                "roaming": true,
                "supervised": false,
                "udid": "f831a81049c541ad78b12e09db0849e06ad6dadb",
                "clientLastCheckin": 1422640798139,
                "iccid": "8944 2001 0071 0054 856",
                "currentMcc": "310",
                "currentMnc": "410",
                "subscriberMcc": "234",
                "subscriberMnc": "20",
                "prettyModel": "iPhone 5S",
                "policyViolationCount": 2,
                "latitude": 33.651546,
                "longitude": -117.99167,
                "locationLastCapturedAt": 1422640798182,
                "lastRegistrationTime": 1418162611699,
                "lostModeEnabled": false,
                "multiUser": false,
                "locationStatusDetail": {
                    "lastUpdatedAt": 1422640798182,
                    "locationStatus": "AVAILABLE"
                },
                "androidWorkContainerEnabled": false,
                "actionExceptionCodes": [ ],
                "supportLockMessage": true,
                "ownerId": 1110567,
```

```
            "legalOwnerId": null,
            "legalOwnerEmailAddress": null,
            "kioskState": "NOT_CONFIGURED",
            "customAttributes": null,
            "easDeviceIdentifiers": [
                "ApplF2LLMEE9FFG8"
            ],
            "androidDeviceOwnerModeEnabled": false,
            "windowsDeviceType": null,
            "secureAppsStatus": null,
            "secureAppsEncryptionStatus": null,
            "secureAppsEncryptionMode": null
        }
    ],
    "offset": 0,
    "queryTime": 2,
    "facetedResults": {
        "SUBSCRIBERCARRIERNETWORK": {
            "Three": 1
        },
        "COMPLIANCESTATE": {
            "false": 1
        },
        "SUPERVISED": {
            "false": 1
        },
        "SECUREAPPSSTATUS": { },
        "ANDROIDDEVICEOWNERMODEENABLED": {
            "false": 1
        },
        "PRETTYMODEL": {
            "iPhone 5S": 1
        },
        "ACCOUNTGROUP": {
            "All Users": 1
        },
        "REGISTRATIONSTATE": {
            "ACTIVE": 1
        },
        "MULTIUSER": {
            "false": 1
        },
        "OSBUILDVERSION": {
            "12B440": 1
        },
        "KIOSKSTATE": {
            "NOT_CONFIGURED": 1
        },
        "ANDROIDWORKCONTAINERENABLED": {
            "false": 1
        },
        "ROAMING": {
            "true": 1
        },
        "LOSTMODEENABLED": {
            "false": 1
        },
        "JAILBROKEN": {
            "false": 1
        },
        "PLATFORMTYPE": {
            "IOS": 1
        },
        "OWNERSHIPTYPE": {
            "UNKNOWN": 1
        }
```

```
        },
        "totalUnfilteredResultCount": 0
    }
}
```

Get Device Enrollment Program (DEP) details by DEP profile ID

iOS only. This call returns DEP details by DEP profile ID. Apple allows customers to purchase devices in bulk and automatically enroll those devices in MDM during device activation. You can create a DEP profile and apply it to all devices associated with that MDM Server. This call returns details about a specific DEP profile.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/depServer{id}/profiles

Request Parameters

Parameter	Argument Type	Description	Example Value

id	Path	The profile ID of the DEP for which you get details. You can get this value using the GET /api/v1/depServer call, and then use the value for **id** found here in that return:
		`{`
		`"errors": null,`
		`"result": {`
		`"searchResults": [`
		`{`
		`"id": 198,`
		`"serverUuid": "xxxxaa95-3bd7-4dde-8339-6218d43d8937",`
		`...`
		`"limit": 50`
		`}`
		`}`
			198

Example Request

curl -X GET https://<mobileiron_cloud>/api/v1/depServer/198/profiles

Response Fields

Field	Description
errors	
result	
id	
uuid	
profileName	
allowPairing	
softwareUpdateEnabled	
anchorCerts	
department	
mandatory	
mdmRemovable	
maximumResidentUsers	
multiUser	
orgMagic	
skipSetupItems	
Location	
Restore	
Android	
AppleID	
TOS	
Biometric	

Field	Description
Payment	
Zoom	
Siri	
Diagnostics	
Passcode	
supervised	
supervisingHostCerts	
supportPhoneNumber	
supportEmailAddress	
url	
accountConfiguration	
skipPrimarySetupAccountCreation	
setPrimarySetupAccountAsRegularUser	
skipAutoSetupAdminAccounts	
autoSetupAdminAccounts	
showCustomTextOnLoginPage	
customText	
awaitDeviceConfig	
timeLimit	
enableCustomEnrollment	
configurationWebUrl	
virtualServerId	
status	
description	

Field	Description
newProfileUuid	
createdAt	
createdBy	
modifiedAt	
modifiedBy	
numOfDevices	
default	

Example Response


```
{
    "errors": null,
    "result": [
        {
            "id": 51799,
            "uuid": "27EF7B79448A485D9CF9F68038BB18DB",
            "profileName": "QEJoe",
            "allowPairing": true,
            "softwareUpdateEnabled": false,
            "anchorCerts": null,
            "department": "QE-2",
            "mandatory": false,
            "mdmRemovable": true,
            "maximumResidentUsers": 0,
            "multiUser": false,
            "orgMagic": "xxxxaa95-3bd7-4dde-8339-6218d43d8937",
            "skipSetupItems": [
                "Biometric",
                "Payment",
                "Passcode"
            ],
            "supervised": false,
            "supervisingHostCerts": null,
            "supportPhoneNumber": "1234567890",
            "supportEmailAddress": null, [mobileiron_cloud]/c/i/dep/dep.mobileconfig",
            "accountConfiguration": {
                "skipPrimarySetupAccountCreation": false,
                "setPrimarySetupAccountAsRegularUser": false,
                "skipAutoSetupAdminAccounts": true,
                "autoSetupAdminAccounts": null
            },
            "showCustomTextOnLoginPage": false,
            "customText": null,
            "awaitDeviceConfig": false,
```

```
            "timeLimit": 3,
            "enableCustomEnrollment": false,
            "configurationWebUrl": null,
            "virtualServerId": 198,
            "status": "ACTIVE",
            "description": null,
            "newProfileUuid": null,
            "createdAt": null,
            "createdBy": null,
            "modifiedAt": null,
            "modifiedBy": null,
            "numOfDevices": 0,
            "default": true
        }
    ]
}
```

Custom Device Enrollment

Get MDM profile

Applicable to iOS 13.0 and macOS 10.15 and later versions as supported by MobileIron Cloud. You use this call when interacting with a custom device enrollment web page. See the section "Adding a custom Device Enrollment web page" on the Admin > Device Enrollment page of the MobileIron Cloud online help for complete details. The link leads you to the MobileIron Cloud 72 online help. You can replace the 72 with the latest version number of MobileIron Cloud to access the most up to date help system.

Authentication

This call requires Tenant Admin credentials.

HTTP method

POST

Request URI

/c/i/dep/custom.mobileconfig?user=*name@company.com*

Required header

x-apple-aspen-deviceinfo: Should contain value of the x-apple-aspen-deviceinfo header sent by the device to the custom enrollment endpoint.

Example request

https://[mobileiron cloud]/c/i/dep/custom.mobileconfig?user=jdoe@acme.com

Response

The response is a .mobileconfig file which is used for registration.

Configuration API Calls

Get a List of Device Configurations

This call returns a list of all available device configurations.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/policy?dmPartitionId=id&tag=DEVICE_CONFIGURATION

Request Parameters

Parameter	Argument Type	Description	Example Value
dmPartitionId	Path	dmPartitionId is the tenant's device space ID. You can get this with the GET /api/v1/metadata/tenant call.	23000
tag=DEVICE_ CONFIGURATION	Path	Directs the call to retrieve all device configurations.	tag=DEVICE_ CONFIGURATION

Example Request

https://[mobileiron cloud]/api/v1/policy?dmPartitionId=23000&tag=DEVICE_CONFIGURATION

Response Fields

Field	Description
errors	
result	
totalCount	
queryTime	
searchResults	
id	
name	
systemName	
description	
policyType	
policyRuleType	
uuid	
enabled	
priority	
totalDeviceCount	
installedDeviceCount	
violationDeviceCount	
modifiedAt	
modifiedBy	
id	
displayName	
emailAddress	
firstName	
lastName	

Field	Description
actions	
offset	
limit	

Example Response


```
{
  "errors": null,
  "result": {
    "totalCount": 10,
    "queryTime": 0,
    "searchResults": [
      {
        "id": 35000,
        "name": "System Root Certificate",
        "systemName": "systemRootCert",
        "description": "The CA certificate for the system's root certificate authority. All
certificates issued to mobile devices chain back to this certificate authority.",
        "policyType": "CERTIFICATE",
        "policyRuleType": "NONE",
        "uuid": "839454aa-bc50-4aae-9120-c8931161b24d",
        "enabled": true,
        "priority": 1,
        "totalDeviceCount": 0,
        "installedDeviceCount": 0,
        "violationDeviceCount": 0,
        "modifiedAt": 1381909930374,
        "modifiedBy": {
          "id": 1,
          "displayName": "System",
          "emailAddress": "System",
          "firstName": "System",
          "lastName": "System"
        },
        "actions": null
      },
…
    ],
    "offset": 0,
    "limit": 50
  }
}
```


Assign Configuration to Device Group

This call assigns a configuration to a device group.

Authentication

This call requires tenant admin credentials.

HTTP Method

PUT

Request URI

/api/v1/policy/configId/rule_groups?ruleGroupIds=ruleGroupId

Request Parameters

Parameter	Argument Type	Description	Example Value
configId	Path	configId is the ID of the device configuration. You can get this with the /api/v1/policy?dmPartitionId=id&tag=DEVICE_CONFIGURATION call.	31540
ruleGroupId	Path	The ID of the device group to which to assign the configuration. You can get this with the /api/v1/rule_group?dmPartitionId=id&type=DEVICE call.	38002

Example Request

https://[mobileiron cloud]/api/v1/policy/35140/rule_groups?ruleGroupIds=38002

Response Fields

Field	Description
errors	null if successful.
result	true if successful.

Example Response

```
{
    "errors": null,
    "result": true
}
```

Tenant Administration API Calls

Get Tenant Metadata

This call returns all tenant metadata.

Authentication

This call requires Tenant Admin credentials

HTTP Method

GET

Request URI

api/v1/metadata/tenant

Example Request

https://[mobileiron cloud]/api/v1/metadata/tenant

Response Fields

Field	Description
errors	
result	
cmPermissionList	
app.create	
app.delete	
app.distribution.read	
app.distribution.update	
app.rating.read	
app.rating.update	

Field	Description
app.read	
app.review.delete	
app.review.read	
app.review.update	
app.update	
audit.app.read	
audit.content.read	
content.create	
content.delete	
content.distribution.read	
content.distribution.update	
content.read	
content.update	
vpp.code.read	
vpp.code.update	
vpp.license.delete	
vpp.license.read	
vpp.license.sync	
vpp.license.update	
vpp.order.create	
vpp.order.delete	
vpp.order.read	
vpp.order.update	
vpp.profile.create	
vpp.profile.read	
dmPermissionList	
app.inventory.read	

Field	Description
ca.create	
ca.delete	
ca.issued.certficiate.read	
ca.issued.certficiate.revoke	
ca.read	
ca.update	
device.create	
device.delete	
device.force.checkin	
device.locate	
device.lock	
device.push.profile	
device.read	
device.retire	
device.retire.cancel	
device.send.message	
device.start.mirroring	
device.stop.mirroring	
device.unlock	
device.update	
device.wipe	
device.wipe.cancel	
mdm.queue.delete	
mdm.queue.read	
policy.aim.audit.read	
policy.aim.create	
policy.aim.delete	

Field	Description
policy.aim.read	
policy.aim.to.ruleGroup.update	
policy.aim.update	
policy.air.play.audit.read	
policy.air.play.create	
policy.air.play.delete	
policy.air.play.read	
policy.air.play.to.ruleGroup.update	
policy.air.play.update	
policy.air.print.audit.read	
policy.air.print.create	
policy.air.print.delete	
policy.air.print.read	
policy.air.print.to.ruleGroup.update	
policy.air.print.update	
policy.android.encryption.audit.read	
policy.android.encryption.create	
policy.android.encryption.delete	
policy.android.encryption.read	
policy.android.encryption.to.ruleGroup.update	
policy.android.encryption.update	
policy.android.kiosk.audit.read	
policy.android.kiosk.create	
policy.android.kiosk.delete	
policy.android.kiosk.read	
policy.android.kiosk.to.ruleGroup.update	
policy.android.kiosk.update	

Field	Description
policy.android.lockdown.audit.read	
policy.android.lockdown.create	
policy.android.lockdown.delete	
policy.android.lockdown.read	
policy.android.lockdown.to.ruleGroup.update	
policy.android.lockdown.update	
policy.apn.audit.read	
policy.apn.create	
policy.apn.delete	
policy.apn.read	
policy.apn.to.ruleGroup.update	
policy.apn.update	
policy.app.lock.audit.read	
policy.app.lock.create	
policy.app.lock.delete	
policy.app.lock.read	
policy.app.lock.to.ruleGroup.update	
policy.app.lock.update	
policy.appconnect.app.config.audit.read	
policy.appconnect.app.config.create	
policy.appconnect.app.config.delete	
policy.appconnect.app.config.read	
policy.appconnect.app.config.to.ruleGroup.update	
policy.appconnect.app.config.update	
policy.appconnect.app.policy.audit.read	
policy.appconnect.app.policy.create	
policy.appconnect.app.policy.delete	

Field	Description
policy.appconnect.app.policy.read	
policy.appconnect.app.policy.to.ruleGroup.update	
policy.appconnect.app.policy.update	
policy.appconnect.zone.config.audit.read	
policy.appconnect.zone.config.create	
policy.appconnect.zone.config.delete	
policy.appconnect.zone.config.read	
policy.appconnect.zone.config.to.ruleGroup.update	
policy.appconnect.zone.config.update	
policy.application.access.audit.read	
policy.application.access.create	
policy.application.access.delete	
policy.application.access.read	
policy.application.access.to.ruleGroup.update	
policy.application.access.update	
policy.caldav.audit.read	
policy.caldav.create	
policy.caldav.delete	
policy.caldav.read	
policy.caldav.to.ruleGroup.update	
policy.caldav.update	
policy.carddav.audit.read	
policy.carddav.create	
policy.carddav.delete	
policy.carddav.read	
policy.carddav.to.ruleGroup.update	
policy.carddav.update	

Field	Description
policy.cellular.audit.read	
policy.cellular.create	
policy.cellular.delete	
policy.cellular.read	
policy.cellular.to.ruleGroup.update	
policy.cellular.update	
policy.certificate.audit.read	
policy.certificate.create	
policy.certificate.delete	
policy.certificate.read	
policy.certificate.store.create	
policy.certificate.store.delete	
policy.certificate.store.read	
policy.certificate.store.update	
policy.certificate.to.ruleGroup.update	
policy.certificate.update	
policy.device.registration.audit.read	
policy.device.registration.create	
policy.device.registration.delete	
policy.device.registration.read	
policy.device.registration.to.ruleGroup.update	
policy.device.registration.update	
policy.email.audit.read	
policy.email.create	
policy.email.delete	
policy.email.read	
policy.email.to.ruleGroup.update	

Field	Description
policy.email.update	
policy.exchange.audit.read	
policy.exchange.create	
policy.exchange.delete	
policy.exchange.read	
policy.exchange.to.ruleGroup.update	
policy.exchange.update	
policy.font.audit.read	
policy.font.create	
policy.font.delete	
policy.font.read	
policy.font.to.ruleGroup.update	
policy.font.update	
policy.general.ios.audit.read	
policy.general.ios.create	
policy.general.ios.delete	
policy.general.ios.read	
policy.general.ios.to.ruleGroup.update	
policy.general.ios.update	
policy.global.proxy.audit.read	
policy.global.proxy.create	
policy.global.proxy.delete	
policy.global.proxy.read	
policy.global.proxy.to.ruleGroup.update	
policy.global.proxy.update	
policy.identity.certificate.dg.audit.read	
policy.identity.certificate.dg.create	

Field	Description
policy.identity.certificate.dg.delete	
policy.identity.certificate.dg.read	
policy.identity.certificate.dg.to.ruleGroup.update	
policy.identity.certificate.dg.update	
policy.identityCertificate.audit.read	
policy.identityCertificate.create	
policy.identityCertificate.delete	
policy.identityCertificate.read	
policy.identityCertificate.to.ruleGroup.update	
policy.identityCertificate.update	
policy.jabber.audit.read	
policy.jabber.create	
policy.jabber.delete	
policy.jabber.read	
policy.jabber.to.ruleGroup.update	
policy.jabber.update	
policy.ldap.audit.read	
policy.ldap.create	
policy.ldap.delete	
policy.ldap.read	
policy.ldap.to.ruleGroup.update	
policy.ldap.update	
policy.localCa.audit.read	
policy.localCa.create	
policy.localCa.delete	
policy.localCa.read	
policy.localCa.to.ruleGroup.update	

Field	Description
policy.localCa.update	
policy.mdm.audit.read	
policy.mdm.create	
policy.mdm.delete	
policy.mdm.read	
policy.mdm.to.ruleGroup.update	
policy.mdm.update	
policy.opaque.ios.audit.read	
policy.opaque.ios.create	
policy.opaque.ios.delete	
policy.opaque.ios.read	
policy.opaque.ios.to.ruleGroup.update	
policy.opaque.ios.update	
policy.org.info.setting.audit.read	
policy.org.info.setting.create	
policy.org.info.setting.delete	
policy.org.info.setting.read	
policy.org.info.setting.to.rule.group.update	
policy.org.info.setting.update	
policy.osx.restrictions.audit.read	
policy.osx.restrictions.create	
policy.osx.restrictions.delete	
policy.osx.restrictions.read	
policy.osx.restrictions.to.ruleGroup.update	
policy.osx.restrictions.update	
policy.passcode.audit.read	
policy.passcode.create	

Field	Description
policy.passcode.delete	
policy.passcode.read	
policy.passcode.to.ruleGroup.update	
policy.passcode.update	
policy.policy.audit.read	
policy.policy.create	
policy.policy.delete	
policy.policy.read	
policy.policy.to.ruleGroup.update	
policy.policy.update	
policy.privacy.audit.read	
policy.privacy.create	
policy.privacy.delete	
policy.privacy.read	
policy.privacy.to.ruleGroup.update	
policy.privacy.update	
policy.provisioningProfile.audit.read	
policy.provisioningProfile.create	
policy.provisioningProfile.delete	
policy.provisioningProfile.read	
policy.provisioningProfile.to.ruleGroup.update	
policy.provisioningProfile.update	
policy.read	
policy.restrictions.audit.read	
policy.restrictions.create	
policy.restrictions.delete	
policy.restrictions.read	

Field	Description
policy.restrictions.to.ruleGroup.update	
policy.restrictions.update	
policy.scep.audit.read	
policy.scep.create	
policy.scep.delete	
policy.scep.read	
policy.scep.to.ruleGroup.update	
policy.scep.update	
policy.sharepoint.audit.read	
policy.sharepoint.create	
policy.sharepoint.delete	
policy.sharepoint.read	
policy.sharepoint.to.ruleGroup.update	
policy.sharepoint.update	
policy.sso.account.audit.read	
policy.sso.account.create	
policy.sso.account.delete	
policy.sso.account.read	
policy.sso.account.to.ruleGroup.update	
policy.sso.account.update	
policy.subscribedCalendar.audit.read	
policy.subscribedCalendar.create	
policy.subscribedCalendar.delete	
policy.subscribedCalendar.read	
policy.subscribedCalendar.to.ruleGroup.update	
policy.subscribedCalendar.update	
policy.sync.audit.read	

Field	Description
policy.sync.create	
policy.sync.delete	
policy.sync.read	
policy.sync.to.ruleGroup.update	
policy.sync.update	
policy.telecom.settings.audit.read	
policy.telecom.settings.create	
policy.telecom.settings.delete	
policy.telecom.settings.read	
policy.telecom.settings.to.ruleGroup.update	
policy.telecom.settings.update	
policy.user.interface.settings.audit.read	
policy.user.interface.settings.create	
policy.user.interface.settings.delete	
policy.user.interface.settings.read	
policy.user.interface.settings.to.ruleGroup.update	
policy.user.interface.settings.update	
policy.vpn.audit.read	
policy.vpn.create	
policy.vpn.delete	
policy.vpn.ondemand.audit.read	
policy.vpn.ondemand.create	
policy.vpn.ondemand.delete	
policy.vpn.ondemand.read	
policy.vpn.ondemand.to.ruleGroup.update	
policy.vpn.ondemand.update	
policy.vpn.per.app.audit.read	

Field	Description
policy.vpn.per.app.create	
policy.vpn.per.app.delete	
policy.vpn.per.app.read	
policy.vpn.per.app.to.ruleGroup.update	
policy.vpn.per.app.update	
policy.vpn.read	
policy.vpn.to.ruleGroup.update	
policy.vpn.update	
policy.web.content.filter.audit.read	
policy.web.content.filter.create	
policy.web.content.filter.delete	
policy.web.content.filter.read	
policy.web.content.filter.to.ruleGroup.update	
policy.web.content.filter.update	
policy.webclip.audit.read	
policy.webclip.create	
policy.webclip.delete	
policy.webclip.read	
policy.webclip.to.ruleGroup.update	
policy.webclip.update	
policy.wifi.audit.read	
policy.wifi.create	
policy.wifi.delete	
policy.wifi.read	
policy.wifi.to.ruleGroup.update	
policy.wifi.update	
ruleGroup.create	

Field	Description
ruleGroup.delete	
ruleGroup.read	
ruleGroup.update	
tenantPermissionList	
account.create	
account.delete	
account.generate.pin	
account.invite.admin	
account.invite.enduser	
account.password.change	
account.password.reset	
account.permission.tenant.read	
account.preferences.change	
account.read	
account.send.message	
account.to.group.update	
account.to.role.update	
account.update	
accountGroup.create	
accountGroup.delete	
accountGroup.read	
accountGroup.to.account.update	
accountGroup.to.group.update	
accountGroup.to.role.update	
accountGroup.update	
accountRole.create	
accountRole.delete	

Field	Description
accountRole.read	
accountRole.to.account.update	
accountRole.to.group.update	
accountRole.to.permission.update	
accountRole.update	
alcor.create	
alcor.delete	
alcor.read	
alcor.update	
app.category.create	
app.category.delete	
app.category.read	
app.category.update	
app.search.googleplay	
app.search.itunes	
app.store.settings.read	
app.store.settings.update	
appstore.preview	
audit.account.read	
audit.accountGroup.read	
configurator.authtoken.create	
configurator.authtoken.delete	
configurator.authtoken.read	
configurator.plist.read	
content.category.create	
content.category.delete	
content.category.read	

Field	Description
content.category.update	
contentstore.preview	
device.register	
eula.tenant.accept	
eula.tenant.read	
ios.dep.device.disown	
ios.dep.profile.create	
ios.dep.profile.delete	
ios.dep.profile.read	
ios.dep.profile.update	
ios.dep.virtual.server.create	
ios.dep.virtual.server.delete	
ios.dep.virtual.server.read	
ios.dep.virtual.server.update	
kocab.create	
kocab.delete	
kocab.read	
kocab.update	
ldap.authenticate.user	
ldap.persist.group	
ldap.persist.organizationalUnit	
ldap.persist.user	
ldap.search.generic	
ldap.search.group	
ldap.search.organizationalUnit	
ldap.search.user	
ldap.server.create	

Field	Description
ldap.server.decouple.generic	
ldap.server.default.read	
ldap.server.delete	
ldap.server.persist.generic	
ldap.server.read	
ldap.server.sync	
ldap.server.test.connection	
ldap.server.update	
mdm.push.certificate.read	
mdm.push.certificate.update	
mdm.push.certificate.validate	
mdm.push.identity.export	
mdm.push.identity.update	
mdm.push.keypair.update	
mdm.push.plist.read	
mdm.status.update	
message.create	
message.delete	
message.read	
message.update	
mizar.create	
mizar.delete	
mizar.read	
mizar.update	
open.sfdc.support.case	
partition.content.create	
partition.content.read	

Field	Description
partition.content.update	
partition.device.create	
partition.device.delete	
partition.device.read	
partition.device.update	
policy.certificate.store.read.all	
policy.template.tenant.read	
report.metadata.read	
report.snapshot.read	
report.trending.read	
sfdc.oauth.profile.read	
sfdc.oauth.profile.update	
tenant.settings.read	
tenant.settings.update	
user.policy.device.limit.audit.read	
user.policy.device.limit.create	
user.policy.device.limit.delete	
user.policy.device.limit.read	
user.policy.device.limit.to.userGroup.update	
user.policy.device.limit.update	
user.policy.read	
user.policy.registration.auth.audit.read	
user.policy.registration.auth.create	
user.policy.registration.auth.delete	
user.policy.registration.auth.read	
user.policy.registration.auth.to.userGroup.update	
user.policy.registration.auth.update	

Field	Description
user.policy.terms.of.service.audit.read	
user.policy.terms.of.service.create	
user.policy.terms.of.service.delete	
user.policy.terms.of.service.read	
user.policy.terms.of.service.to.userGroup.update	
user.policy.terms.of.service.update	
utils.x509.fingerprint.read	
whitelabel.resource.tenant.read	
totalContentAllowed	How many content artifacts the tenant can store.
maximumContentFileSize	
totalDevicePartitionsAllowed	
cobrandingFooter	
whiteLabelKey	
whiteLabelProductName	
knowledgeBaseUrl	
supportTicketEnabled	
branch	
revision	
version	
connectorISOPath	
tenantGuid	
nobodyAccountId	
defaultDmPartitionId	
defaultCmPartitionId	
tenantSetupRequired	
eulaRequired	
welcomeVideoId	

Example Response


```
{
    "errors": null,
    "result": {
        "cmPermissionList": [
            "app.create",
            "app.delete",
            "app.distribution.read",
            "app.distribution.update",
            "app.rating.read",
            "app.rating.update",
            "app.read",
            "app.review.delete",
            "app.review.read",
            "app.review.update",
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            "audit.app.read",
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            "content.delete",
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            "content.distribution.update",
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            "vpp.code.update",
            "vpp.license.delete",
            "vpp.license.read",
            "vpp.license.sync",
            "vpp.license.update",
            "vpp.order.create",
            "vpp.order.delete",
            "vpp.order.read",
            "vpp.order.update",
            "vpp.profile.create",
            "vpp.profile.read"
        ],
        "dmPermissionList": [
            "app.inventory.read",
            "ca.create",
            "ca.delete",
            "ca.issued.certficiate.read",
            "ca.issued.certficiate.revoke",
            "ca.read",
            "ca.update",
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            "device.delete",
            "device.exit.kiosk.mode",
            "device.force.checkin",
            "device.locate",
            "device.lock",
            "device.push.profile",
            "device.read",
            "device.retire",
            "device.retire.cancel",
            "device.send.message",
            "device.start.mirroring",
            "device.stop.mirroring",
            "device.unlock",
            "device.update",
            "device.wipe",
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            "mdm.queue.read",
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```

```
"policy.aim.create",
"policy.aim.delete",
"policy.aim.read",
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"policy.certificate.store.update",
"policy.certificate.to.ruleGroup.update",
"policy.certificate.update",
"policy.device.registration.audit.read",
"policy.device.registration.create",
"policy.device.registration.delete",
"policy.device.registration.read",
"policy.device.registration.to.ruleGroup.update",
"policy.device.registration.update",
"policy.email.audit.read",
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"policy.email.delete",
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"policy.email.to.ruleGroup.update",
"policy.email.update",
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        "policy.vpn.ondemand.delete",
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        "policy.vpn.ondemand.to.ruleGroup.update",
        "policy.vpn.ondemand.update",
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        "policy.vpn.per.app.create",
        "policy.vpn.per.app.delete",
        "policy.vpn.per.app.read",
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        "policy.web.content.filter.read",
        "policy.web.content.filter.to.ruleGroup.update",
        "policy.web.content.filter.update",
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        "policy.webclip.delete",
        "policy.webclip.read",
        "policy.webclip.to.ruleGroup.update",
        "policy.webclip.update",
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        "policy.wifi.delete",
        "policy.wifi.read",
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    ],
    "tenantPermissionList": [
        "account.create",
        "account.delete",
        "account.generate.pin",
        "account.invite.admin",
        "account.invite.enduser",
        "account.password.change",
        "account.password.reset",
        "account.permission.tenant.read",
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"account.preferences.change",
"account.read",
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"accountRole.to.group.update",
"accountRole.to.permission.update",
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"alcor.tunnel.read",
"alcor.tunnel.update.action",
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"api.connection.profile.update",
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"app.category.read",
"app.category.update",
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"app.search.itunes",
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"app.store.settings.update",
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"audit.accountGroup.read",
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"configurator.authtoken.delete",
"configurator.authtoken.read",
"configurator.plist.read",
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"content.category.read",
"content.category.update",
"contentstore.preview",
"device.register",
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"enduser.account.read",
"enduser.account.update",
"enduser.device.checkin",
"enduser.device.lock",
"enduser.device.read",
"enduser.device.retire",
"enduser.device.unlock",
"enduser.device.wipe",
"eula.tenant.accept",
```

```
"eula.tenant.read",
"ios.dep.device.disown",
"ios.dep.profile.create",
"ios.dep.profile.delete",
"ios.dep.profile.read",
"ios.dep.profile.update",
"ios.dep.virtual.server.create",
"ios.dep.virtual.server.delete",
"ios.dep.virtual.server.read",
"ios.dep.virtual.server.update",
"kocab.create",
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"kocab.read",
"kocab.update",
"ldap.authenticate.user",
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"ldap.persist.organizationalUnit",
"ldap.persist.user",
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"mdm.push.plist.read",
"mdm.status.update",
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"message.read",
"message.update",
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"mizar.read",
"mizar.update",
"open.sfdc.support.case",
"partition.content.create",
"partition.content.read",
"partition.content.update",
"partition.device.create",
"partition.device.delete",
"partition.device.read",
"partition.device.update",
"policy.certificate.store.read.all",
"policy.template.tenant.read",
"report.metadata.read",
"report.snapshot.read",
"report.trending.read",
"sfdc.oauth.profile.read",
"sfdc.oauth.profile.update",
"tenant.settings.read",
"tenant.settings.update",
"user.policy.device.limit.audit.read",
"user.policy.device.limit.create",
```

```
            "user.policy.device.limit.delete",
            "user.policy.device.limit.read",
            "user.policy.device.limit.to.userGroup.update",
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            "user.policy.googleApps.audit.read",
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            "user.policy.googleApps.update",
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            "user.policy.registration.auth.read",
            "user.policy.registration.auth.to.userGroup.update",
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            "user.policy.terms.of.service.create",
            "user.policy.terms.of.service.delete",
            "user.policy.terms.of.service.read",
            "user.policy.terms.of.service.to.userGroup.update",
            "user.policy.terms.of.service.update",
            "utils.x509.fingerprint.read",
            "whitelabel.resource.tenant.read"
        ],
        "licenseRestrictions": {
            "totalContentAllowed": 25,
            "maximumContentFileSize": 2000000,
            "totalDevicePartitionsAllowed": 5
        },
        "cobrandingFooter": false,
        "whiteLabelKey": "mobileiron",
        "whiteLabelProductName": "MobileIron Cloud",
        "knowledgeBaseUrl": null,
        "supportTicketEnabled": true,
        "webAppVersion": {
            "branch": "origin/master",
            "revision": "9e99b6ad3f7de2a7e988ab8a0d688e09392a5343",
            "version": "2.7.0.605"
        },
        "connectorISOPath": "https://support.mobileiron.com/cloud-
connector/current/connector-LATEST.zip",
        "alcorISOPath": "https://support.mobileiron.com/cloud-sentry/current/sentry-cloud-
LATEST.iso",
        "tenantGuid": "df2eec7e-a349-4e72-ac03-4aafdc7b2856",
        "nobodyAccountId": 10000,
        "defaultDmPartitionId": 23000,
        "defaultCmPartitionId": 20000,
        "tenantSetupRequired": false,
        "eulaRequired": true,
        "welcomeVideoId": "WaeYg5dVveA"
    }
}
```


Get Device Spaces

This call lists all device spaces in the current tenant.

Authentication

This call requires Tenant Admin credentials

HTTP Method

GET

Request URI

/api/v1/tenant/partition/device

Example Request

https://[mobileiron cloud/api/v1/tenant/partition/device

Response Fields

Field	Description
errors	Indicates whether there were errors.
result	Container for retrieved results.
totalCount	Describes how many rows were found.
queryTime	Describes how long the query took to execute.
searchResults	Container for results details.
id	Space ID.
createdAt	When created.
createdBy	Who created it.
modifiedAt	When modified.
modifiedBy	Who modified it.
name	Name of the space.
description	Description of the space.
domainRule	
defaultPartition	Indicates whether this is the default space. 1 for yes, 0 for no.
priority	
treeView	

Field	Description
deviceCount	Indicates how many devices are assigned to this space.
configurationCount	
policyCount	Lists how may policies apply to this space.
deviceGroupCount	Lists how may device groups are assigned to this space.
offset	Lists the offset in retrieved rows.
limit	Lists how many rows to which the query is limited.

Example Response


```
{
      "errors": null,
      "result": {
          "totalCount": 1,
          "queryTime": 0,
          "searchResults": [
              {
                  "id": 23000,
                  "createdAt": 1415047963288,
                  "createdBy": 1,
                  "modifiedAt": 1415047963288,
                  "modifiedBy": null,
                  "name": "Default Partition",
                  "description": "Default device management partition.",
                  "domainRule": null,
                  "defaultPartition": true,
                  "priority": 1,
                  "treeView": null,
                  "deviceCount": 0,
                  "configurationCount": 13,
                  "policyCount": 4,
                  "deviceGroupCount": 4
              }
          ],
          "offset": 0,
          "limit": 50
      }

}
```

Apps API Calls

All api operations in this chapter apply to the default space only.

Search for Google Play Apps

This call searches for Google Play apps as part of the add app process.

Authentication

This call requires Tenant admin credentials.

HTTP Method

GET

Request URI

api/v1/app/googleplay

Request Parameters

Parameter	Argument Type	Description	Example Value
cmPartitionId	Path	The tenant's content space ID. You can get this value by issuing the GET /api/v1/metadata/tenant call.	23000
q	Path	What to find.	outlook
rows	Path	How many rows to return Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	100

Example Request

https://[mobileiron cloud]/api/v1/app/googleplay?cmPartitionId=20003&q=outlook&rows=100

Response Fields

Field	Description
name	Name of retrieved app.
platformAppId	ID of app on target platform.
iconUrl	URL to the icon.
imported	
currency	
cost	Cost of the app.
shortDescription	Short description of the app.
category	Category of the app.
categoryDisplay	

Example Response


```
{
   "errors":null,
   "result":[
      {
         "name":"Outlook.com",
         "platformAppId":"com.outlook.Z7",
         "iconUrl":"https://lh6.ggpht.com/qb3BZINk7-uaYQ3RsdMk3sVDfWVCSRDIiIGnJRq-
UTuyZlyv5k_9-imprqUPBBZ6xkEg=w170",
         "imported":false,
         "currency":null,
         "cost":0.0,
         "shortDescription":"The Official Microsoft Outlook.com app gives you the best
mobile experience for your Outlook.com account.Sign in using your existing Microsoft
account, which is usually your Outlook.com email address and password. With the Outlook.com
app, you can:- Get emails right away with push notifications - Sync Outlook.com Calendar and
Contacts with your device- View and sync folders and sub-folders- Choose from 8 different
color themes to personalize your experience.- Group your email conversations with
Conversation Threading- Utilize server-side search for easy finding through all your history
of emails. - Sync multiple Outlook.com accounts and send email from aliases \tTips and
tricks- Change the color theme on the app settings menu by selecting General, and then Theme
color.- Filter your emails (all, unread or flagged) by selecting Inbox in the top menu.-
Switch accounts or access your folders and sub-folders by selecting the top left menu. -
Choose which folders automatically sync from the app settings menu by selecting Sync,
Folders, and then the folders you want to sync.",
         "category":null,
         "categoryDisplay":null
      },
     …
   ]
}
```


Get Google Play App Info by Bundle ID

This call gets Google Play app info by Bundle ID.

Authentication

This call requires Tenant admin credentials.

HTTP Method

GET

Request URI

api/v1/app/googleplay/appBundleID

Request Parameters

Parameter	Argument Type	Description	Example Value
cmPartitionId	Path	The tenant's content space ID. You can get this value by issuing the GET /api/v1/metadata/tenant call.	23000
appBundleID	Path	The app bundle ID	outlook

Example Request

```
https://[mobileiron cloud]/api/v1/app/googleplay/com.outlook.Z7?cmPartitionId=20003
```

Response Fields

Field	Description
errors	
result	
id	
createdAt	
createdBy	
modifiedAt	
modifiedBy	
platformAppId	
platformType	

Field	Description
appType	
appStoreId	
cmPartitionId	
itComments	
developerName	
enableRatings	
enableReviews	
categories	
id	
name	
defaultManagementFlag	
vppLicenseStatus	
statusType	
available	
associated	
totalLicenseCount	
name	
iconUrl	
versions	
name	
featuredStatus	
primaryVersion	
secondaryVersion	
displayVersion	

Field	Description
minOsVersion	
applicationVersionId	
size	
distributionCount	
iconUrl	
description	
whatsNew	
currency	
cost	
deviceFamily	
phoneScreenshotUrls	
key	
url	
orientation	
height	
width	
key	
url	
orientation	
height	
width	
key	
url	
orientation	

Field	Description
height	
width	
key	
url	
orientation	
height	
width	
key	
url	
orientation	
height	
width	
padScreenshotUrls	
iosSupportedDevices	
iosUniversal	
avgRating	
bannerSettings	

Example Response


```
{
  "errors": null,
  "result": {
    "id": null,
    "createdAt": null,
    "createdBy": null,
    "modifiedAt": null,
    "modifiedBy": null,
    "platformAppId": "com.outlook.Z7",
    "platformType": "ANDROID",
    "appType": "PUBLIC",
    "appStoreId": null,
    "cmPartitionId": 0,
    "itComments": null,
    "developerName": null,
    "enableRatings": true,
```

```
    "enableReviews": true,
    "categories": [
      {
        "id": null,
        "name": "Communication"
      }
    ],
    "defaultManagementFlag": "REMOVE_APP_WITH_MDM_REMOVAL",
    "vppLicenseStatus": {
      "statusType": "NONE",
      "available": 0,
      "associated": 0,
      "totalLicenseCount": 0
    },
    "name": "Outlook.com",
    "iconUrl": "https://lh6.ggpht.com/qb3BZINk7-uaYQ3RsdMk3sVDfWVCSRDIiIGnJRq-UTuyZlyv5k_9-
imprqUPBBZ6xkEg=w300",
    "versions": [
      {
        "name": "Outlook.com",
        "featuredStatus": "NONE",
        "primaryVersion": null,
        "secondaryVersion": null,
        "displayVersion": "7.8.2.12.49.2176",
        "minOsVersion": "7.7.2.11.49.2176",
        "applicationVersionId": 0,
        "size": 7235174,
        "distributionCount": null,
        "iconUrl": "https://lh6.ggpht.com/qb3BZINk7-uaYQ3RsdMk3sVDfWVCSRDIiIGnJRq-
UTuyZlyv5k_9-imprqUPBBZ6xkEg=w300",
        "description": "The Official Microsoft Outlook.com app gives you the best mobile
experience for your Outlook.com account.<br>Sign in using your existing Microsoft account,
which is usually your Outlook.com email address and password. <p>With the Outlook.com app,
you can:</p>
<p>- Get emails right away with push notifications <br>- Sync Outlook.com Calendar and
Contacts with your device<br>- View and sync folders and sub-folders<br>- Choose from 8
different color themes to personalize your experience.<br>- Group your email conversations
with Conversation Threading<br>- Utilize server-side search for easy finding through all
your history of emails. <br>- Sync multiple Outlook.com accounts and send email from aliases
</p>
<p>Tips and tricks</p>
<p>- Change the color theme on the app settings menu by selecting General, and then Theme
color.<br>- Filter your emails (all, unread or flagged) by selecting Inbox in the top
menu.<br>- Switch accounts or access your folders and sub-folders by selecting the top left
menu. <br>- Choose which folders automatically sync from the app settings menu by selecting
Sync, Folders, and then the folders you want to sync.</p>",
        "whatsNew": "New in this version:-   Server-side search for easy access to all
email, not just the ones synced to your phone- Unlimited sync of all email history for full
off-line access- Capability to send emails from Outlook.com aliases-     Eight new colors to
customize the app interface-   Ability to set and manage vacation replies-     Traditional
Chinese language support",
        "currency": null,
        "cost": 0,
        "deviceFamily": null,
        "phoneScreenshotUrls": [
          {
            "key": null,
            "url": "https://lh6.ggpht.com/63hoSU27LSmMmTCjU0sYpljb3wm0ShWMEfL1iumDwuGBwHR-
axYkJ3RxHqZ8Xl9D0FE=h900",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
```

```
            "url": "https://lh5.ggpht.com/EkXogB3c5m1fBkosb9Ti_Ko5W0wn5J-9T_
t5kTOgN5Dc6lYSITLDzRnriWri3CuCeg=h900",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "https://lh4.ggpht.com/w96J8ej5Y6sfm0ZM3YjvUFSA2WuyAOFLlXaoqnRgT5_
rPEdHP0UAt-jI_ZTT0iEPS6c=h900",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "https://lh3.ggpht.com/TEQFw0NslkgKytfUt_xpPDRsvMi32O6lzr_
3SzLpK7ZCB8wEhGG-yz5-SmQX7aD3yZU=h900",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "https://lh4.ggpht.com/Ny3_B-UKmS_-
wpAvzC7vQP0e4DN8Rj5zDQbEKvhFTfOdr1jaV2CJo3NbbtYY4s_ZDLE=h900",
            "orientation": null,
            "height": 0,
            "width": 0
          }
        ],
        "padScreenshotUrls": null,
        "iosSupportedDevices": null,
        "iosUniversal": false,
        "avgRating": null,
        "bannerSettings": null
      }
    ]
  }
}
```


Search for iTunes Apps

This call searches for iTunes apps as part of the add app process.

Authentication

This call requires Tenant admin credentials.

HTTP Method

GET

Request URI

api/v2/app/itunes

Request Parameters

Parameter	Argument Type	Description	Example Value
cmPartitionId	Path	The tenant's content space ID. You can get this value by issuing the GET /api/v1/metadata/tenant call.	20000
countryCode	Path	The country code of the target iTunes app store.	US
q	Path	What to find.	outlook
rows	Path	How many rows to return. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	100

Example Request

```
https://[mobileiron_cloud]/api/v2/app/itunes?q=outlook&cmPartitionId=20000&countryCode=US
```

Response Fields

Field	Description
errors	
result	
name	
developerName	
version	
size	
appStoreId	
iconUrl	
universal	
imported	
bundleId	
deviceFamily	

Example Response

```
{
    "errors": null,
```

```
    "result": [
        {
            "name": "Outlook",
            "developerName": "Magzter Inc.",
            "version": "6.10",
            "size": 20834304,
            "appStoreId": 486362804,
            "iconUrl": "http://is5.mzstatic.com/image/thumb/Purple111/v4/61/42/26/614226e3-
aa0b-105d-6e0c-ea1fd8e99b3f/mzl.tlzgvxkf.png/0x0ss-85.jpg",
            "universal": true,
            "imported": false,
            "bundleId": "com.dci.outlook",
            "deviceFamily": "ALL"
        },

…
    ]

}
```


Get iTunes App Info by appStoreId

This call gets iTunes app info by appStoreId.

Authentication

This call requires Tenant admin credentials.

HTTP Method

GET

Request URI

api/v1/app/itunes/appStoreId

Request Parameters

Parameter	Argument Type	Description	Example Value
cmPartitionId	Path	The tenant's content space ID. You can get this value by issuing the GET /api/v1/metadata/tenant call.	23000
appStoreId		The app bundle ID	outlook

Example Request

https://[mobileiron cloud]/api/v1/app/itunes/428974099?cmPartitionId=20003

Response Fields

Field	Description
errors	
result	
id	
createdAt	
createdBy	
modifiedAt	
modifiedBy	
platformAppId	
platformType	
appType	
appStoreId	
cmPartitionId	
itComments	
developerName	
enableRatings	
enableReviews	
categories	
id	
name	
id	
name	
defaultManagementFlag	
vppLicenseStatus	
statusType	
available	
associated	

Field	Description
totalLicenseCount	
name	
iconUrl	
versions	
name	
featuredStatus	
primaryVersion	
secondaryVersion	

displayVersion	Note: As of MobileIron Cloud 70, the displayVersion value matches the secondaryVersion value for iOS apps.
	`displayVersion: "12.2.0"`
	`distributionCount: null`
	`iconUrl: "https://epbyminw049b.mobileiron.com/`
	`installType: "NATIVE"`
	`iosSupportedDevices: []`
	`iosUniversal: true`
	`launchUrl: null`
	`multiPkgDetails: null`
	`name: "MobileIron"`
	`overrideUrl: null`
	`padScreenshotUrls: []`
	`phoneScreenshotUrls: []`
	`prerequisiteAppCount: 0`
	`prerequisiteAppVersionIds: []`
	`primaryVersion: "12200000.1419"`
	`provisioningProfileExpiration: 1616262879000`
	`reputationEnabled: false`
	`secondaryVersion: "12.2.0"`

minOsVersion	
applicationVersionId	
size	
distributionCount	

Field	Description
iconUrl	
description	
whatsNew	
currency	
cost	
deviceFamily	
phoneScreenshotUrls	
key	
url	
orientation	
height	
width	
padScreenshotUrls	
key	
url	
orientation	
height	
width	
iosSupportedDevices	
iPadThirdGen	
iPadFourthGen	
iPadMini	
iPadFourthGen4G	
iPhone4S	
iPodTouchFifthGen	
iPadMini4G	
iPhone5	

Field	Description
iPad23G	
iPhone5c	
iPadThirdGen4G	
iPad2Wifi	
iPodTouchourthGen	
iPhone-3GS	
iPhone4	
iPhone5s	
iosUniversal	
avgRating	
bannerSettings	

Example Response


```
{
  "errors": null,
  "result": {
    "id": null,
    "createdAt": null,
    "createdBy": null,
    "modifiedAt": null,
    "modifiedBy": null,
    "platformAppId": "com.mspecht.OWA",
    "platformType": "IOS",
    "appType": "PUBLIC",
    "appStoreId": 428974099,
    "cmPartitionId": 0,
    "itComments": null,
    "developerName": "iKonic Apps LLC",
    "enableRatings": true,
    "enableReviews": true,
    "categories": [
      {
        "id": 15649,
        "name": "Utilities"
      },
      {
        "id": 15049,
        "name": "Business"
      }
    ],
    "defaultManagementFlag": "REMOVE_APP_WITH_MDM_REMOVAL",
    "vppLicenseStatus": {
      "statusType": "NONE",
      "available": 0,
      "associated": 0,
      "totalLicenseCount": 0
    },
    "name": "Mail+ for Outlook",
```

```
    "iconUrl": "http://a1573.phobos.apple.com/us/r30/Purple6/v4/17/05/54/1705547c-2fda-705b-
ead9-c94c8e0af0b6/Icon.png",
    "versions": [
      {
        "name": "Mail+ for Outlook",
        "featuredStatus": "NONE",
        "primaryVersion": null,
        "secondaryVersion": null,
        "displayVersion": "3.4.5",
        "minOsVersion": "2.3.5",
        "applicationVersionId": 0,
        "size": 26500184,
        "distributionCount": null,
        "iconUrl": "http://a1573.phobos.apple.com/us/r30/Purple6/v4/17/05/54/1705547c-2fda-
705b-ead9-c94c8e0af0b6/Icon.png",
        "description": "########################################
- Securely access Outlook Email and Calendar
- TOP 5 business apps for last 12 months
- #1 Outlook/Exchange Email App
########################################

Read and compose Outlook emails and manage your calendar directly from any iOS device. No
more using the web browser to access your Outlook account!

MULTIPLE ACCOUNTS now included. Access multiple mailboxes and calendars. Great for quickly
combining all of your email addresses.
     (Exchange 2013, 2010, 2007, 2003
     Office 365 business, Gmail, Outlook.com, Yahoo, AOL, and more)

-Read and reply to all Outlook email (includes subfolders)
-Open and forward attachments
-Compatible with PDF, XLS, DOC, JPG files

- Rich HTML Text Editing
- Out of Office
- Scheduling Assistant

-View, create calendar events (and reminders)
-Search Exchange Global Address Book
-Access contact details (name, tile, phone)

-Landscape mode (great for iPad)
-User-friendly design with easy navigation
-Excellent customer support

-Signature feature available
-Passcode protection for extra security
-Secure login

-Works on iPhone, iPad over 3G or WiFi
-Connect to Microsoft Exchange 2003, 2007, 2010
-Compatible with Microsoft Office 365, Gmail, Outlook.com, Yahoo, AOL


Connect with us!
http://www.mailplusapp.com
http://www.twitter.com/mailplusapp
http://www.mailplusapp.com/news
http://www.facebook.com/mailplusapp

Outlook is a registered trademark of Microsoft Corporation. This application has been
developed by a third party developer and is not endorsed, tested, or associated with
Microsoft Corporation.",
        "whatsNew": null,
        "currency": "USD",
        "cost": 5.99,
```

```
        "deviceFamily": "ALL",
        "phoneScreenshotUrls": [
          {
            "key": null,
            "url": "http://a3.mzstatic.com/us/r30/Purple/v4/3c/2c/0c/3c2c0c56-8d74-18af-
2069-a94dfdd6c4ab/screen1136x1136.jpeg",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "http://a1.mzstatic.com/us/r30/Purple4/v4/0c/73/50/0c735004-78ac-2beb-
8f3e-c4aa6afc22df/screen1136x1136.jpeg",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "http://a5.mzstatic.com/us/r30/Purple/v4/e6/a5/a0/e6a5a041-a3f7-9b0f-
8df4-1d61c1040782/screen1136x1136.jpeg",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "http://a3.mzstatic.com/us/r30/Purple6/v4/3c/1c/ea/3c1ceae0-9f0f-1a63-
4bdc-e9bdc300abb7/screen1136x1136.jpeg",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "http://a2.mzstatic.com/us/r30/Purple6/v4/b7/a3/7f/b7a37f8e-cad0-dcd0-
e0d3-6df20c7dcb78/screen1136x1136.jpeg",
            "orientation": null,
            "height": 0,
            "width": 0
          }
        ],
        "padScreenshotUrls": [
          {
            "key": null,
            "url": "http://a2.mzstatic.com/us/r30/Purple6/v4/49/33/94/493394aa-0708-a008-
09a1-5abc7542281f/screen480x480.jpeg",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "http://a3.mzstatic.com/us/r30/Purple6/v4/f4/73/62/f47362a3-9c79-2580-
006a-aafec996b45b/screen480x480.jpeg",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "http://a1.mzstatic.com/us/r30/Purple/v4/6d/6c/c5/6d6cc5f2-2af7-46c4-
0889-62d6ae62b42c/screen480x480.jpeg",
            "orientation": null,
            "height": 0,
```

```
            "width": 0
          },
          {
            "key": null,
            "url": "http://a3.mzstatic.com/us/r30/Purple6/v4/73/8c/68/738c6894-5a25-02ed-
938c-0b800582223c/screen480x480.jpeg",
            "orientation": null,
            "height": 0,
            "width": 0
          },
          {
            "key": null,
            "url": "http://a1.mzstatic.com/us/r30/Purple4/v4/8d/51/2f/8d512f30-147d-0d38-
b785-d4ae8c9d86a1/screen480x480.jpeg",
            "orientation": null,
            "height": 0,
            "width": 0
          }
        ],
        "iosSupportedDevices": [
          "iPadThirdGen",
          "iPadFourthGen",
          "iPadMini",
          "iPadFourthGen4G",
          "iPhone4S",
          "iPodTouchFifthGen",
          "iPadMini4G",
          "iPhone5",
          "iPad23G",
          "iPhone5c",
          "iPadThirdGen4G",
          "iPad2Wifi",
          "iPodTouchourthGen",
          "iPhone-3GS",
          "iPhone4",
          "iPhone5s"
        ],
        "iosUniversal": true,
        "avgRating": null,
        "bannerSettings": null
      }
    ]
  }
}
```


Get Application Inventory for a Particular Device

This call gets a list of all applications installed on a particular device.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/app/inventory?q=&rows=rows&start=start&dmPartitionId= dmPartitionId &deviceId= deviceId&facetFq=+INSTALLTYPE+!%3D+%27SYSTEM_APP%27+AND+ INSTALLTYPE+!%3D+%27UPDATED_SYSTEM_APP%27+&sortFields%5B0%5D.name=name

Request Parameters

Parameter	Argument Type	Description	Example Value
rows	Query string	How many rows to return per page. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	20
start	Query string	Where in the return set to start displaying values.	0
dmPartitionId	Query string	The device space ID.	23003
deviceId	Query string	The device ID.	126632
facetFq	Query string	The search string. The value is: URL Encoded: +INSTALLTYPE+!"%"3D+"%"27SYSTEM_APP" %"27+AND+INSTALLTYPE+!"%"3D+"%"27 UPDATED_ SYSTEM_APP"%"27+&sortFields"%" 5B0"%"5D.name=name&sortFields"%"5B0"%"5D.order=ASC URL Unencoded: INSTALLTYPE !"%"3D "%"27SYSTEM_APP"%"27 AND INSTALLTYPE !"%"3D "%"27UPDATED_SYSTEM_APP"%"27 &sortFields"%"5B0"%"5D.name=name&sortFields"%"5B0"%"5D. order=ASC	

Example Request

https://[mobileiron

cloud]/api/v1/app/inventory?q=&rows=20&start=0&dmPartitionId=67730&deviceId=87178&1f7a8cetFq=+INSTALLTYPE+!"%"3D+"%"27SYSTEM_APP"%"27+AND+INSTALLTYPE+!"%"3D+"%"27UPDATED_SYSTEM_APP"%"27+&sortFields"%"5B0"%"5D.name=name&sortFields"%"5B0"%"5D.order=ASC

Response Fields

Field	Description
errors	Describes whether there was an error
result	Container for the results.
searchResults	Container for search results
deviceId	The device ID
mdmChannelId	
name	Name of the app
identifier	App identifier
version	App version
displayVersion	Vesion as displayed
bundleSize	13631488
appType	Kind of app this is. Can be public or in-house.
platformType	Platform type. Can be android or IOS.
appConnectConfigState	
appConnectConfigStateMessage	
appStoreId	

Field	Description
iconUrl	URL to the app icon
licenseId	
licenseStatus	
assignedAt	
revokedAt	
accountId	
distributionType	
vulnerable	
reputationEnabled	
winSupportedArchitectures	
appVersionId	
managed	true or false. Indicates whether the app is managed.
installedAt	The installation date of the current application version when the app has been installed and was discovered as a new app in an inventory checkin report. The value for iOS MAM Only apps is the time that the

Field	Description
	app was requested to be installed or requested to be updated. In cases where the privacy policy changed from the MobileIron app store only to all apps on the device, the value is the date when the privacy policy changed to allow viewing of the non-MobleIron store apps.
threatScore	
exclusion	
totalCount	How many applications are installed
offset	How many records to skip when displaying
limit	How many records to get

Example Response


```
{
    "errors": null,
    "result": {
        "searchResults": [
            {
```

```
                "deviceId": 87178,
                "mdmChannelId": "147e5d5c-1734-47b1-8ae9-53b49b96c7cd",
                "name": "_-_",
                "identifier": "com.sm.keyslide",
                "version": "2",
                "displayVersion": "1.2",
                "bundleSize": 67112960,
                "appType": "PUBLIC",
                "platformType": "IOS",
                "appConnectConfigState": null,
                "appConnectConfigStateMessage": null,
                "appStoreId": "1315674869",
                "iconUrl": "https://is1-ssl.mz-
static.com/image/thumb/Purple118/v4/16/f7/1e/16f71e3c-cad7-8c85-3ca4-68d7e4fc6eca/-
source/60x60bb.jpg",
                "bgColor": null,
                "androidAppInstallLocation": "UNKNOWN",
                "licenseId": 0,
                "licenseStatus": null,
                "vppProfileId": 0,
                "vppProfileName": null,
                "assignedAt": null,
                "revokedAt": null,
                "accountId": 0,
                "distributionType": null,
                "vulnerable": false,
                "reputationEnabled": false,
                "winSupportedArchitectures": null,
                "appVersionId": 0,
                "managed": false,
                "installedAt": null,
                "threatScore": 0,
                "exclusion": false
            },
           ...
        ],
        "totalCount": 12,
        "offset": 0,
        "limit": 20
    }
}
```


Get the List of Applications Available to a Particular User

This call produces a list of all applications available to a specific user.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/app/user/accountId

Request Parameters

Parameter	Argument Type	Description	Example Value
accountId	Query string	Account ID.	10009

Example Request

https://na1.mobileiron.com/api/v1/app/user/10009

Response Fields

Field	Description
errors	
result	
totalCount	
queryTime	
searchResults	
applicationVersionId	
platformType	
bundleId	
name	
whatsNew	
displayVersion	
iconUrl	
iconDataUri	
appStoreId	

Field	Description
appDetailUrl	
categories	
Productivity	
Business	
appType	
deviceFamily	
iosUniversal	
featuredStatus	
free	
installed	
updateAvailable	
cost	
currency	
size	
description	
installUrl	
managedAppInstall	
vppState	
vppInvitationUrl	
createdAt	
modifiedAt	
developerName	
averageRating	
ratingCount	
reinstallAsManaged	
reviewDetailUrl	
reviewListUrl	

Field	Description
phoneScreenshotUrls	
cdnGuid	
url	
orientation	
height	
width	
tabletScreenshotUrls	
cdnGuid	
url	
orientation	
height	
width	
firstReview	
offset	

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 20,
        "queryTime": 0,
        "searchResults": [
            {
                "applicationVersionId": 18437,
                "platformType": "IOS",
                "bundleId": "com.adobe.Adobe-Reader",
                "name": "Adobe Reader",
                "whatsNew": "- iPhone 6, iPhone 6 Plus, and iOS 8 support",
                "displayVersion": "11.6.3",
                "iconUrl": "http://a1.mzstatic.com/us/r30/Purple5/v4/f9/8d/29/f98d2963-f467-
eb5c-af47-b8a904320320/Icon-57.png",
                "iconDataUri": null,
                "appStoreId": 469337564,
                "appDetailUrl": null,
                "categories": [
                    "Productivity",
                    "Business"
                ],
                "appType": "PUBLIC",
                "deviceFamily": "ALL",
                "iosUniversal": true,
                "featuredStatus": "FEATURED_BANNER",
                "free": true,
                "installed": false,
                "updateAvailable": false,
```

"cost": 0,
"currency": "USD",
"size": 11823052,
"description": "Adobe Reader is the free, trusted leader for reliably viewing and interacting with PDFs on your iPad, iPhone, and iPod touch.

VIEW PDFs
• Quickly open PDF documents from email, the web, or any app that supports “Open In…”
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• Use Night mode and Brightness Lock for ease of reading

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By downloading, you agree to the Terms of Use at http://www.adobe.com/products/eulas/#mobileproducts.",
"installUrl": null,
"managedAppInstall": false,
"vppState": "NOT_APPLICABLE",
"vppInvitationUrl": null,
"createdAt": 1391639730639,
"modifiedAt": 1391639730639,
"developerName": "Adobe",
"averageRating": null,
"ratingCount": 0,

```
                "reinstallAsManaged": false,
                "reviewDetailUrl": null,
                "reviewListUrl": null,
                "phoneScreenshotUrls": [
                    {
                        "cdnGuid": null,
                        "url": "http://a3.mzstatic.com/us/r30/Purple1/v4/f3/f3/79/f3f37907-
74fe-3de1-858d-6a737eb1872d/screen480x480.jpeg",
                        "orientation": "PORTRAIT",
                        "height": 480,
                        "width": 334
                    },
                    {
                        "cdnGuid": null,
                        "url": "http://a2.mzstatic.com/us/r30/Purple3/v4/7a/16/ac/7a16ac44-
b72d-19d4-2c95-7a4b2976b822/screen480x480.jpeg",
                        "orientation": "PORTRAIT",
                        "height": 480,
                        "width": 334
                    },
                    {
                        "cdnGuid": null,
                        "url": "http://a1.mzstatic.com/us/r30/Purple5/v4/1a/cc/6a/1acc6a6a-
7bb8-8deb-7710-077306d9b96a/screen480x480.jpeg",
                        "orientation": "PORTRAIT",
                        "height": 480,
                        "width": 334
                    },
                    {
                        "cdnGuid": null,
                        "url": "http://a4.mzstatic.com/us/r30/Purple1/v4/48/00/07/4800070d-
2aaa-7ee0-6a91-8cfd4c59b830/screen480x480.jpeg",
                        "orientation": "PORTRAIT",
                        "height": 480,
                        "width": 334
                    }
                ],
                "tabletScreenshotUrls": [
                    {
                        "cdnGuid": null,
                        "url": "http://a2.mzstatic.com/us/r30/Purple3/v4/70/95/61/7095615b-
6bbb-03b8-66c3-a515fdf5d932/screen480x480.jpeg",
                        "orientation": "PORTRAIT",
                        "height": 480,
                        "width": 367
                    },
                    {
                        "cdnGuid": null,
                        "url": "http://a1.mzstatic.com/us/r30/Purple5/v4/45/29/b1/4529b1e0-
6e7c-9644-f0ad-5ebf4edde026/screen480x480.jpeg",
                        "orientation": "PORTRAIT",
                        "height": 480,
                        "width": 367
                    },
                    {
                        "cdnGuid": null,
                        "url": "http://a3.mzstatic.com/us/r30/Purple3/v4/d6/92/fc/d692fca9-
f1d9-427d-5212-dac3b40c3729/screen480x480.jpeg",
                        "orientation": "PORTRAIT",
                        "height": 480,
                        "width": 367
                    },
                    {
                        "cdnGuid": null,
                        "url": "http://a2.mzstatic.com/us/r30/Purple3/v4/df/ca/64/dfca6440-
e1ab-1936-c2e1-2e0ef22ec611/screen480x480.jpeg",
```

```
                        "orientation": "PORTRAIT",
                        "height": 480,
                        "width": 360
                    }
                ],
                "firstReview": false
            },
            …
        ],
        "offset": 0
    }
}
```


List Devices with a Specific App in its App Inventory

This call gets a list of devices with a specific app in its app inventory. For example, you may need to find all of the devices which have version 303 of the email app in their app inventory.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/device?fq=version='n' AND bundleId='id'&type=APP_INVENTORY&platformType=type&dmPartitionId=id

Request Parameters

Parameter	Argument Type	Description	Example Value
version	Path	The version of the app to find. Can be a list of versions with OR operators, for example,unencoded: (version='19' OR version='11' OR version='17' OR version='12' OR version='13').	version='303'
bundleId	Path	The bundle ID of the target app.	bundleId='com.android.mi.email'
platformType	Path	The platform type of the app. IOS or ANDROID.	ANDROID
type	Path	Type of app to find.	type=APP_INVENTORY

dmPartitionId	Path	Target device space ID.	dmPartitionId=23003
rows	Path	How many rows to return in the query. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	50
start	Path	Where in the results set to start displaying the rows.	0

Example Request

URL Encoded:

```
https://[mobileiron
cloud]/api/v1/device?q=&rows=50&start=0&fq=version%3D%27303%27+AND+bundleId%3D%27com.androi
d.mi.email%27&type=APP_INVENTORY&platformType=ANDROID&dmPartitionId=23003
```

Unencoded:

```
https://[mobileiron cloud/api/v1/device?q=&rows=50&start=0&fq=version='303' AND
bundleId='com.android.mi.email'&type=APP_INVENTORY
```

Response Fields

Field	Description
errors	Indicates whether there were errors.
result	Container for results metadata.
totalCount	How many devices were found with the target app in its inventory.
queryTime	How long did the query take to execute.
searchResults	Container for found devices.
id	Device id.
phoneNumber	Device phone number.
deviceModel	Device model
platformType	Platform type.
platformVersion	Platform version.
lastCheckin	When the device last checked in.

Field	Description
registrationState	Device registration state.
displayName	Device display name.
firstName	First name of device owner.
lastName	Last name of device owner.
uid	Uid of device owner.
emailAddress	Email of device owner.
clientVersion	Version of the MobileIron client on the device.
manufacturer	Device manufacturer.
imei	Device imei code.
wifiMacAddress	Device wifi Mac address.
serialNumber	Device serial number.
currentCarrierNetwork	Device current carrier network.
subscriberCarrierNetwork	Device subscriber carrier network.
locale	Locale of the device.
ownershipType	
complianceState	Compliance state of the device.
roaming	Is the device roaming.
supervised	
udid	
clientLastCheckin	Last time the client checked in.
iccid	
currentMcc	
currentMnc	
subscriberMcc	
subscriberMnc	
prettyModel	Model name of the device.
policyViolationCount	How many times has the device violated a policy.

Field	Description
latitude	Latitude of the device's location.
longitude	Longitude of the device's location.
locationLastCapturedAt	When device location last captured.
lastRegistrationTime	When owner last registered the device.
locationStatusDetail	Container for location status data.
lastUpdatedAt	
locationStatus	
actionExceptionCodes	Container for action exception codes.
null	null
supportLockMessage	
ownerId	Id of the device's owner.
legalOwnerId	Legal owner of the device, for shared iPad devices.
legalOwnerEmailAddress	Email address of the device legal owner, for shared iPad devices.
kioskState	Is this device in kiosk mode.
customAttributes	Does this device have any custom attributes.
offset	How many records skipped in this record set.
limit	How many may be displayed in this record set.

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 6,
        "queryTime": 0,
        "searchResults": [
            {
                "id": 281357,
                "phoneNumber": "14088580543",
                "deviceModel": "Nexus 6",
                "platformType": "ANDROID",
                "platformVersion": "5.0.1",
                "lastCheckin": 1423164808861,
                "registrationState": "ACTIVE",
                "displayName": "Cliff Clasen",
                "firstName": "Cliff",
                "lastName": "Clasen",
                "uid": "cclasen@mobileiron.com",
                "emailAddress": "cclasen@mobileiron.com",
                "clientVersion": "3.0.0-beta1.5",
                "manufacturer": "motorola",
                "imei": "355458060508091",
                "wifiMacAddress": "ec:88:92:b7:db:cb",
```

```
                "serialNumber": "ZX1G322DNT",
                "currentCarrierNetwork": "T-Mobile",
                "subscriberCarrierNetwork": "",
                "locale": "en_US",
                "ownershipType": "UNKNOWN",
                "complianceState": true,
                "roaming": false,
                "supervised": null,
                "udid": null,
                "clientLastCheckin": 1423164808861,
                "iccid": "8901260222782933598",
                "currentMcc": "310",
                "currentMnc": "260",
                "subscriberMcc": "310",
                "subscriberMnc": "260",
                "prettyModel": "Nexus 6",
                "policyViolationCount": null,
                "latitude": 37.654846,
                "longitude": -121.867966,
                "locationLastCapturedAt": 1423154014501,
                "lastRegistrationTime": 1419645191747,
                "locationStatusDetail": {
                    "lastUpdatedAt": 1423154014501,
                    "locationStatus": "AVAILABLE"
                },
                "actionExceptionCodes": [
                    null
                ],
                "supportLockMessage": false,
                "ownerId": 10220,
                "legalOwnerId": null,
                "legalOwnerEmailAddress": null,
                "kioskState": "NOT_CONFIGURED",
                "customAttributes": null
            },
            …
        ],
        "offset": 0,
        "limit": 50
    }
}
```


Create an App

This call creates an app. You can create in-house apps or public apps. For in-house apps, use the app-data and platformType parameters. For a public app, use the itunes-id parameter. There is no size limit on apps. The limiting factor would be the available disk space.

Authentication

This call requires tenant admin credentials.

HTTP Method

POST

Request URI

api/v1/app

Request Parameters

Parameter	Argument Type	Description	Example Value
app-data	Path	The type is org.springframework.web.multipart.MultipartFile. Specify the location of the app.	
platformType	Path	The platform type of the app. IOS or ANDROID.	IOS
newVersion	Path	Flag to indicate whether app is a new version.	true
itunes-id		iTunes identifier for the app.	422020153
overrideUrl	Request body	The app override URL points to a premise-based URL that serves the application. Available for in-house apps for iOS and also in the Update In-House App Details call.	mycompanywebserver.mi.com

Example Request

In-house App

https://[mobileiron cloud]/polaris/api/v1/app?platformType=IOS&app-data=@/Users/Gunther/Downloads/MobileManager.ipa

Public App

https://[mobileiron cloud]/api/v1/app?itunes-id=422020153

Example Response

```
{
    "errors": null,
    "result": true
}
```

Update an App

To update an app and copy the previous version's artifacts, you make two calls that:

- Upload the new APK file.

- Copy the previous version's screenshots, description, and user distribution to the new version.

Uploading the new APK file

Authentication

This call requires tenant admin credentials.

HTTP Method

POST

Request URI

api/v1/app

Request Parameters

Parameter	Argument Type	Description	Example Value
app-data	Request body	The path to the app.	app-data=@/Users/dmurthy/Documents/InHouseApps/HelpAtWork-Enterprise-2.ipa
newVersion	Request body	Boolean. Is this a new version. true or false.	true
cmPartitionId	Request body	The tenant's content space ID. You can get this value by issuing the GET /api/v1/metadata/tenant call.	20000
platformType	Request body	The platform type, IOS or ANDROID.	IOS

Example Request

```
curl  -H 'Content-type:multipart/form-data' -kv -X POST -u [username]:[password] "https://
[mobileiron cloud]/api/v1/app" \
-F "app-data=@/Users/dmurthy/Documents/InHouseApps/HelpAtWork-Enterprise-2.ipa" \
-F "newVersion=true" \
-F "cmPartitionId=20000" \
-F "platformType=IOS"
```

Response Fields

Field	Description
errors	Indicates whether there were errors.
result	Container for results data.
addedToExisitingApp	Reflects whether the app was added to the existing app.
applicationId	The ID of the updated app.
applicationVersionId	The ID of the new version of the app. You will need this value to use for the targetApplicationVersionId parameter when you make the Copying Previous App Version Artifacts call.

Example Response

```
{
    "errors": null,
    "result": {
        "addedToExisitingApp": true,
        "applicationId": 16001,
        "applicationVersionId": 17002
    }
}
```

Copying Previous App Version Artifacts

This call copies the previous version's screenshots, description, and user distribution to the new version. To make this call, you will need the applicationVersionId value returned by the Uploading the new APK file call to use for the targetApplicationVersionId parameter.

Authentication

This call requires tenant admin credentials.

HTTP Method

PUT

Request URI

api/v1/app

Request Parameters

Parameter	Argument Type	Description	Example Value
targetApplicationVersionId	Request body	The ID of the new app version. This is the value returned as the applicationVersionId field of the Uploading the new APK file call.	17002

Example Request

```
curl -kv -X PUT -u [username]:[password] "https://[mobileiron cloud]/api/v1/app" -d
"targetApplicationVersionId=17003"
```

Example Response

```
{
    "errors": null,
    "result": true
}
```

Update In-House App Screenshots

This call updates an in-house app's screenshots.

Authentication

This call requires tenant admin credentials.

HTTP Method

POST

Request URI

api/v1/app/version/{id}/screenshots

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	The id of the app for which to update screenshots	51955
--data-binary	Request body	Specifies the screenshot file to upload.	$'------WebKitFormBoundary7PINjpFmFrFvAxX9\r\nContent-Disposition: form-data; name="phoneScreenshots[0].file"; filename="Prince_logo.svg.png"\r\nContent-Type: image/png\r\n\r\n\r\n------WebKitFormBoundary7PINjpFmFrFvAxX9\r\nContent-Disposition: form-data; name="X-XSRF-Token"\r\n\r\n6130E7E8F8A0DEA95AF08C66DB1D00F401BC1CDA\r\n------WebKitFormBoundary7PINjpFmFrFvAxX9--\r\n'

Request Headers

Header	Description	Example Value
Content-Type: multipart/form-data; boundary	Declaration of conent type and boundary.	-H 'Content-Type: multipart/form-data; boundary=----WebKitFormBoundaryhylqg7c8DT6wyZ1r'
Accept	Specifies which content types to accept.	'Accept: application/json, text/plain, */*'

Example Request

```
curl 'https://[mobileiron_cloud]/api/v1/app/version/52161/screenshots' -H 'Content-Type:
multipart/form-data; boundary=----WebKitFormBoundary7PINjpFmFrFvAxX9' -H 'Accept:
application/json, text/plain, */*' --data-binary $'------
WebKitFormBoundary7PINjpFmFrFvAxX9\r\nContent-Disposition: form-data; name="phoneScreenshots
[0].file"; filename="Prince_logo.svg.png"\r\nContent-Type: image/png\r\n\r\n\r\n------
WebKitFormBoundary7PINjpFmFrFvAxX9\r\nContent-Disposition: form-data; name="X-XSRF-
Token"\r\n\r\n6130E7E8F8A0DEA95AF08C66DB1D00F401BC1CDA\r\n------
WebKitFormBoundary7PINjpFmFrFvAxX9--\r\n' --compressed
```

Example Response

```
{
    "errors": null,
    "result": true
}
```

Update In-House App Icons

This call updates an in-house app's icons for iOS and macOS apps.

Authentication

This call requires tenant admin credentials.

HTTP Method

POST

Request URI

/api/v2/app/inhouse/{id}/icon?preview=true&dataUri=true

Request Parameters

Parameter	Argument Type	Description	Example Value
id	Path	The id of the app for which to update icons	191477
--data-raw	Request body	Specifies the icon file to upload.	$'------WebKitFormBoundaryzx9yt1iL0adtOcBY\r\nContent-Disposition: form-data; name="image-data"; filename="dmicon.png"\r\nContent-Type: image/png\r\n\r\n\r\n------WebKitFormBoundaryzx9yt1iL0adtOcBY\r\nContent-Disposition: form-data; name="X-XSRF-Token"\r\n\r\nC19031DDBA704882F398337E3E5C4BA82A97AFC2\r\n------WebKitFormBoundaryzx9yt1iL0adtOcBY--\r\n' \

Request Headers

Header	Description	Example Value
Content-Type: multipart/form-data; boundary	Declaration of conent type and boundary.	-H 'Content-Type: multipart/form-data; boundary=----WebKitFormBoundaryzx9yt1iL0adtOcBY''
Accept	Specifies which content types to accept.	'Accept: application/json, text/plain, */*'

Example Request

```
curl 'https://[mobileiron_cloud]/api/v2/app/inhouse/191477/icon?preview=true&dataUri=true' \
 -H 'Accept: application/json, text/plain, */*' \ -H 'Content-Type: multipart/form-data;
boundary=----WebKitFormBoundaryzx9yt1iL0adtOcBY' \ --data-raw $'------
WebKitFormBoundaryzx9yt1iL0adtOcBY\r\nContent-Disposition: form-data; name="image-data";
filename="dmicon.png"\r\nContent-Type: image/png\r\n\r\n\r\n------
WebKitFormBoundaryzx9yt1iL0adtOcBY\r\nContent-Disposition: form-data; name="X-XSRF-
Token"\r\n\r\nC19031DDBA704882F398337E3E5C4BA82A97AFC2\r\n------
WebKitFormBoundaryzx9yt1iL0adtOcBY--\r\n' \ --compressed
```

Example Response

(and then the image data)

Update In-House App Details

This call updates an in-house app's:

- Name
- Display version
- Category
- What's New
- Description

Authentication

This call requires tenant admin credentials.

HTTP Method

PUT

Request URI

/api/v2/app/inhouse/{applicationVersionId}

Request Parameters

Parameter	Argument Type	Description	Example Value
applicationVersionId	Path	Mandatory Version of the app to update. Use GET https:// [mobileiron cloud]/api/v1/app/{id} to get the applicationVersionId. {id} is the app ID. Use GET https://[mobileiron cloud]/api/v1/app?q=&cmPartitionId={cmPartitionId} to get the value for {id}	54710
dmPartitionId	Request body	Device space ID for the call.	23505
dmPartitionDistributionType	Request body	Distribution type for the call.	ALL
enableReviews	Request body	Mandatory Are reviews enabled? Use GET https://[mobileiron cloud]/api/v1/app/{id} to get the value for this parameter.	true
enableRatings	Request body	Mandatory Are ratings enabled? Use GET https://[mobileiron cloud]/api/v1/app/{id} to get the value for this parameter.	true
appType	Request body	Indicates the type of app to update.	IN_HOUSE
mamWithOutMDM	Request body	Is this application under mobile application management (MAM) without mobile device management (MDM)?	false
id	Request body	Mandatory ID of the app to update. Use GET https://[mobileiron cloud]/api/v1/app?q=&cmPartitionId={cmPartitionId} to get the value for this parameter.	43488

Parameter	Argument Type	Description	Example Value
whatsNew	Request body	New description for what's new.	Better memory management
description	Request body	New description.	Great word game!
displayVersion	Request body	Mandatory New display version. Use Get a List of In-House Apps or GET /api/v1/app/<applicationVersionId> to find this value.	2.0.0
primaryVersion	Request body	Mandatory Primary version of the app. Use Get a List of In-House Apps or GET /api/v1/app/<applicationVersionId> to find this value.	200
developerName	Request body	Name of the app's developer. Use Get a List of In-House Apps or GET /api/v1/app/<applicationVersionId> to find this value.	
name	Request body	Mandatory New name of app. Use Get a List of In-House Apps or GET /api/v1/app/<applicationVersionId> to find this value.	Words against the World
overrideUrl	Request body	The app override URL points to a premise-based URL that serves the application.	mycompanywebserver.mi.com
platformAppId	Request body	Mandatory App ID on the target platform Use Get a List of In-House Apps or GET /api/v1/app/<applicationVersionId> to find this value.	rz.scrambler.app

Parameter	Argument Type	Description	Example Value
categoryIds	Request body	New category IDs. Use GET https://[mobileiron cloud]/api/v1/app/category to obtain the category IDs.	25185
distributionSettings	Request body	Container for app distribution settings.	
groupIds	Request body	Group IDs to which to distribute the app.	
accountIds	Request body	Account IDs to which to distribute the app	
configDistributionSettings	Request body	Config distribution settings for the app.	

Example Request

```
curl -X PUT \
  https://<mobileiron cloud>/api/v2/app/inhouse/54710 \
  -H 'accept: application/json' \
  -H 'authorization: Basic xxxxxG1pbjpZbDNNczB0dg==' \
  -H 'cache-control: no-cache' \
  -H 'content-type: application/json' \
  -d '{
    "dmPartitionId": 23505,
    "dmPartitionDistributionType": "ALL",
    "enableReviews": true,
    "enableRatings": true,
    "appType": "IN_HOUSE",
    "mamWithOutMDM": false,
    "id": 43488,
    "whatsNew": "Better memory management.",
    "description": "Great word game!",
    "displayVersion": "2.0.0",
    "primaryVersion": "200",
    "developerName": "",
    "name": "Words against the World",
    "overrideUrl": "",
    "platformAppId": "rz.scrambler.app",
    "categoryIds": [
        25185
    ],
    "distributionSettings": {
        "groupIds": [ ],
        "accountIds": [ ]
    },
    "configDistributionSettings": { }
}'
```

Example Response

```
{
    "errors": null,
    "result": true
}
```

Get a List of In-House Apps

This call gets a list of in-house apps

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

api/v1/app

Request Parameters

Parameter	Argument Type	Description	Example Value
rows	Path	How many rows to return in the query. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	20
start	Path	Where in the results set to start displaying the rows.	0
cmPartitionId	Path	The content partition ID. You can get it with the GET tenant metadata call.	20003

Parameter	Argument Type	Description	Example Value
facetFq	Path	The query for in house, which is, url encoded, APPTYPE+%3D+%27IN_HOUSE%27, and not url encoded: APPTYPE = 'IN_HOUSE'. To see a list of public apps, it is an identical call, except use PUBLIC instead of IN_HOUSEin the call. URL encoded, like this: facetFq:APPTYPE+%3D+%27PUBLIC%27+.	facetFq=APPTYPE+%3D+%27IN_HOUSE%27+
sortFields [0].name	Path	The column on which to sort.	name
sortFields [0].order	Path	Sort order, ASC or DESC	

Example Request

```
https://[mobileiron
cloud]/api/v1/app?q=&rows=20&start=0&cmPartitionId=20003&facetFq=APPTYPE+%3D+%27IN_
HOUSE%27+&sortFields%5B0%5D.name=name&sortFields%5B0%5D.order=ASC
```

Example Response


```
{
  "errors":null,
  "result":{
    "totalCount":142,
    "queryTime":11,
    "searchResults":[
      {
        "name":"2048",
        "description":"Inspired by Gabriele Cirulli game available on the web:
http://gabrielecirulli.github.io/2048/\n\nJoin the numbers and get to the 2048
tile!\n\nSwipe to move all tiles. When two tiles with the same number touch, they merge into
one.\n\nGet to the 2048 tile, and reach a high score!",
        "iconUrl":"http://a5.mzstatic.com/us/r30/Purple3/v4/73/25/fe/7325fe5c-100c-b853-
b0a7-5a0602b58e74/AppIcon57x57.png",
        "currency":"USD",
        "cost":0.0,
        "size":3463448,
        "versions":[
          {
            "name":"2048",
            "featuredStatus":"NONE",
            "primaryVersion":null,
            "secondaryVersion":"1.8",
            "displayVersion":"1.8",
            "minOsVersion": "1.6",
            "applicationVersionId":19278,
            "size":3463448,
            "distributionCount":null
          }
        ],
```

```
        "id":18122,
        "createdAt":1401908341993,
        "createdBy":11902,
        "modifiedAt":1413266398620,
        "modifiedBy":10010,
        "platformAppId":"com.ketchapp.2048",
        "platformType":"IOS",
        "appType":"PUBLIC",
        "appStoreId":840919914,
        "cmPartitionId":20003,
        "distributionCount":null,
        "avgRating":null,
        "ratingCount":0,
        "latestDisplayVersion":"1.8",
        "featuredStatus":"NONE"
      },
…
        ],
    "offset":0,
    "limit":20,
    "facetedResults":{
      "DEVICETYPE":{
        "PHONE":0,
        "ALL":131,
        "PAD":11
      },
      "FEATUREDSTATUS":{
        "FEATURED_BANNER":15,
        "FEATURED":60,
        "NONE":67
      },
      "PLATFORMTYPE":{
        "ANDROID":32,
        "IOS":110
      },
      "APPTYPE":{
        "IN_HOUSE":24,
        "PUBLIC":142
      }
    },
    "totalUnfilteredResultCount":178
  }
}
```


Get a List of In-House Apps and Associated Provisioning Profile

This call returns a list of in-house apps and any provisioning profile attached to them for a designated deviceSpaceId. This information would be helpful to administrators who need to renew provisioning profiles before expiration. Provisioning profiles are not MobileIron Cloud configurations, rather, Apple Developer site profiles that authorize devices to launch in-house apps.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

api/v1/app/inhouse/profiles?rows={*n*}&start={*n*}&dmPartitionId={*dmPartitionId*}

Request Parameters

Parameter	Argument Type	Description	Example Value
rows	Path	**Data Type:** Number How many rows to return in the query. Do not send a value larger than 500 with the **rows** parameter because the APIs do not permit a value of greater than 500. See Controlling Results.	5
start	Path	**Data Type:** Number Where in the results set to start displaying the rows.	0
dmPartitionId	Path	**Required** **Data Type:** Number The device partition ID.	23000

Example Request

```
curl -X GET -kv -u joe@acme.com:AsdFjYu -i -H 'Authorization:Basic xxxxxxxxxxxxxxxx'
"https://<mobileiron_cloud>/api/v1/app/inhouse/profiles?rows=5&start=0&dmPartitionId=23000"
```

Response Fields

Field	Description
errors	Null if no errors.
result	JSON container for results.
searchResults	JSON container for search results.
bundleId	Bundle ID of the app.
platformType	Platform type of the app, for example, IOS.
appType	Will always be IN_HOUSE because this call returns in-house apps.
name	Name of the app.

Field	Description
primaryVersion	Primary version of the app.
displayVersion	Display version of the app.
minOsVersion	Minimum required OS version for the app.
applicationVersionId	Version ID of the app.
provisioningProfile	JSON container for provisioning profile results.
uuid	UUID of provisioning profile.
certs	JSON container for certificate results.
issuingName	Issuing name of certificate.
expiration	Timestamp of certificate expiration.
serialNumber	Certificate serial number.
name	Certificate name.
id	Provisioning profile ID.
devTeamName	Name of development team.
expirationDate	Timestamp of provisioning profile expiration.
totalCount	How many records found.
offset	Offset setting in originating call.
limit	Limit setting in originating call.

Example Response


```
{
    "errors": null,
    "result": {
        "searchResults": [
            {
                "bundleId": "com.mobileiron.enterprise.HelloAppConnect",
                "platformType": "IOS",
                "appType": "IN_HOUSE",
                "name": "Hello AppConnect",
                "primaryVersion": "1.0",
                "displayVersion": "1.0",
                "minOsVersion": "4.0.3",
                "applicationVersionId": 17000,
                "provisioningProfile": {
                    "uuid": "87d4542c-8ad9-4484-8b05-5141605c33a5",
                    "certs": [
                        {
                            "issuingName": "CN=Apple Worldwide Developer Relations
Certification Authority, OU=Apple Worldwide Developer Relations, O=Apple Inc., C=US",
                            "expiration": 1631644174000,
                            "serialNumber": 8578898181722912226,
```

```
                            "name": "C=US, O=MobileIron, OU=W8M2C9P2R6, CN=iPhone
Distribution: MobileIron, UID=W8M2C9P2R6"
                        }
                    ],
                    "id": 36500,
                    "devTeamName": "MobileIron",
                    "expirationDate": 1568675261000
                }
            }
        ],
        "totalCount": 1,
        "offset": 0,
        "limit": 5
    }
}
```


Discover Devices Eligible for a Given App

This call returns the device GUIDs that do not have the given app installed yet, but are eligible to receive the given app based on the distribution criteria defined by the admin.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

api/v1/app/eligibledevices

Request Parameters

Parameter	Argument Type	Description	Example Value
dmPartitionId	Query	**Required** **Data Type:** Long The device partition ID.	23000
appId	Query	**Required** **Data Type:** String The platformAppId as returned by GET /api/v2/app.	com.mobileiron.anyware.ios
appVersion	Query	**Data Type:** String	1.0.6

Parameter	Argument Type	Description	Example Value
		The version of the app. Only valid for in-house apps.	
platformType	Query	**Required** **Data Type:** String The platform type. Can be ANDROID or IOS.	IOS

Response Fields

Field	Description
errors	null if no errors.
result	JSON container for results, which is a list of eligible device GUIDs for a successful call, or a message that the application was not found when the call cannot find the app specified by appId. You can use the GUIDs when installing an app as described in Install an App to devices with specified GUIDs - iOS Only.

Example Requests

For a public app or latest version of in house app

```
curl -X GET -u '<user>:<password>'
"https://<HOST>/api/v1/app/eligibledevices?dmPartitionId=23000&appId=com.mobileiron.anyware
.ios&platformType=IOS"
```

For a specific version of an in house app

```
curl -X GET -u '<user>:<password>'
"https://<HOST>/api/v1/app/eligibledevices?dmPartitionId=23000&appId=com.mobileiron.enterpr
ise.EnggSpecs&appVersion=1.0.6&platformType=IOS"
```

Example Response

Success:


```
{
    "errors": null,
    "result": [
        "3fc9c1df-4f87-4db5-9569-362064a1c2ce",
        "17045366-798e-4a96-9a1c-bbe72db6e020",
        "f886f32f-f818-4ddc-bc58-73492d6fd3fc",
        "6dfbcdeb-b582-474b-97cb-12f0aa5c238a",
        "3c0f8242-31bb-4ebc-83c3-6f9b814efc6d",
        "182f601a-a071-40fc-8736-babc19bc1284",
        "cbd269f7-51fd-4c60-a770-5be709a9ed6c",
        "101e96f6-11e2-4f5f-9145-e24bb98d2824",
        "70f9337b-6f29-454b-964d-47f328bffad5",
        "c1bf665d-8baa-41a6-aeba-58bdbf071d7f",
        "61a8bdb1-132e-4b01-b5b8-240ff760b306",
```

```
            "524c7ee5-3cf8-4ab4-857c-cb81fd206ca5",
            "c16ca13a-0d0e-4267-93fc-22456a68c91b",
            "a4bb56ec-86e8-4b54-ae5d-7d99a0f4e642",
            "ec57a972-ce82-4651-89b4-588ccab348f8",
            "3abcdfb3-b186-4e88-ba1a-862479f43fba",
            "f2fd2ad7-5888-403f-a738-d4a9a9241642",
            "b9d612e7-d895-45b9-8944-8f13aed5ecf6",
            "a6991857-c151-48bd-9bd0-b7704c6c4ce7",
            "82849619-ee8d-46ab-a9d3-910e45fc2e92",
            "bc63b64e-a851-4b61-86ed-c4e014fac81e",
            "8bfb95ac-f20b-4cd4-bb87-bb3202109d88",
            "e9540bfa-39dc-41e0-8052-ef0a02b1bc88",
            "4457ae76-b1c1-445c-ad00-b6e8eaf854c7",
            "78e9b28b-9616-4f7c-90b6-239ee816e532",
            "7f97cb39-3592-4476-9cf1-20a684f1e494",
            "7a7741fb-8a98-4886-a2a4-16f06029fc90",
            "79b8f175-8132-4a29-a7cd-dea7bb28bdc3",
            "f0dda2ce-96ba-4b5d-836f-a91cdd06818f",
            "f45a72ca-a3b7-49e1-9c33-f635a00cca20",
            "dacb9468-e0ec-4489-aaaf-bb680203367f",
            "9a55a26f-db96-404b-8bae-337bb3cce435",
            "84ae3cef-8f0d-49ec-bc03-6bfe3140f8de",
            "c2fc7567-c033-4a24-9b90-0cea78cc2482",
            "bc34d594-d2d2-479c-b179-459407067788",
            "c57a99df-b165-4756-84f2-ad53cf532087",
            "3e01ed72-0ea9-472e-b309-8362f6b6bb74",
            "587ae91c-9d8c-4139-9bb8-180272484ff2",
            "96658e47-3ddc-44d5-9b1e-038300a877a2",
            "42134b5c-e0ae-44bb-9a0b-65671d2ec5cc",
            "7bb564da-adaa-429f-aad3-56d9b1c45a0a",
            "72e64c50-256c-4f85-b09f-46ceae9718cd",
            "dbccbe70-7499-4676-88b0-a6d5d298752e",
            "cf192316-2203-4618-bf48-fd9ee4a6ecf8",
            "88eb4678-7250-484f-b8c3-5e93d46cc986",
            "dee29d04-fe74-40ae-b0e0-5d8f47367184",
            "28643e0b-86cf-4c60-b807-ccd44453cbdd",
            "74fd25d0-c710-461a-ac46-e853b2654131",
            "b0513d07-5fe9-4b92-9dbe-ff25d4e90af3",
            "91a241ed-9297-4918-ae75-8cf443284800",
            "58f1a629-068f-45f2-88c7-f939d06b5ff1",
            "f0704c9b-33e9-490f-8a90-4e4e45f3d0b2",
            "308617c9-0902-4106-ac43-a90f98b26df6",
            "1eb4e3af-4f0d-424e-b19d-c3356d9aa1e6",
            "52cd5ccf-2859-4e5e-a5d0-31ec7164b445",
            "86748059-8d13-427c-a582-3e9940c0ba13",
            "413f6e38-0399-41ca-a83f-509542f40a37",
            "c5c4bfc3-d697-4d0a-9f40-49ad19f1b12c",
            "6f8ae67a-17d2-4b38-a010-bd74300e95cc",
            "db6b365a-efc3-4257-999e-bcb1625f4877",
            "db3618ce-c187-403b-ac84-cb8794439a18",
            "9850270d-23d6-4899-8d3e-893a12092e89"
        ]
}
```


If app not found:


```
{
    "errors": {
        "globalErrors": [
            {
                "code": "ASF-131",
                "message": "The application was not found."
            }
```

```
        ],
        "fieldErrors": null
    },
    "result": null
}
```


Install an App to devices with specified GUIDs - iOS Only

This call triggers an app install for specific device GUIDs. You can use Discover Devices Eligible for a Given App to get a list of eligible GUIDs.

Authentication

This call requires tenant admin credentials.

HTTP Method

PUT

Request URI

/api/v2/app/install

Request Parameters

Parameter	Argument Type	Description	Example Value
dmPartitionId	Request body	**Required** **Data Type:** Long The device partition ID.	23000
guids	Request body	**Required** **Data Type:** String List of device GUIDs of the devices on which to install the app.	2615eeb3-4f5c-4e8a-a16f-ae07f3519783
bundleId	Request body	**Required** **Data Type:** String The bundle id of the application you want to install.	com.mobileiron.anyware.ios

Parameter	Argument Type	Description	Example Value
appVersion	Request body	**Data Type:** String The specific version of the application you want to install.	1.1.1
platformType	Request body	**Required** **Data Type:** String The platform type. Must be IOS.	IOS

Response Fields

Field	Description
errors	null if no errors.
result	JSON container for results, which is a list of device GUIDs.
numberOfTriggeredAppInstalls	How many successfully triggered installs occurred.
deviceGuidsNotEligibleForApp	List of ineligible device GUIDs.

Example Request

```
curl -X PUT \
  https://[mobileiron cloud]/api/v2/app/install \
  -H 'Authorization: Basic xxxxxxxxYW5kYm94Lm1vYmlsZWlyb24uY29tOk1pNG1hbjEx' \
  -H 'Content-Type: application/json' \
  -d '{
    "guids": [
        "3fc9c1df-4f87-4db5-9569-362064a1c2ce",
        "3c0f8242-31bb-4ebc-83c3-6f9b814efc6d",
        "cbd269f7-51fd-4c60-a770-5be709a9ed6c"
    ],
    "bundleId": "com.playgendary.bowmasters",
    "dmPartitionId": 23504,
    "appVersion": "1.1.1",
    "platformType": "IOS"
}'
```

Example Response

Success when GUIDs are eligible for install.

```
{
    "errors": null,
    "result": {
        "numberOfTriggeredAppInstalls": 3,
        "deviceGuidsNotEligibleForApp": []
    }
}
```

When GUIDs are not eligible for install.

```
{
    "errors": null,
    "result": {
        "numberOfTriggeredAppInstalls": 0,
        "deviceGuidsNotEligibleForApp": [
            "2615eeb3-4f5c-4e8a-a16f-ae07f3519785",
            "2615eeb3-4f5c-4e8a-a16f-ae07f3519784",
            "2615eeb3-4f5c-4e8a-a16f-ae07f3519783"
        ]
    }
}
```


Install an App based on App Distribution Filters - iOS Only

This call triggers an app install for devices found by specific app distribution filters. You can also trigger an install for all devices that already have the app.

Authentication

This call requires tenant admin credentials.

HTTP Method

PUT

Request URI

/api/v2/app/{appVersionId}/install

Request Parameters

Parameter	Argument Type	Description	Example Value
appVersionId	Request path	**Required** **Data Type:** String The specific version of the application you want to install. This call takes the appVersionId parameter in the request path and request body.	17015
appVersionId	Request Body	**Required** **Data Type:** Long The specific version of the application you want to install. This call takes the appVersionId parameter in the request path and request body.	17015
dmPartitionId	Request	**Required**	23000

Parameter	Argument Type	Description	Example Value
	body	**Data Type:** Long The device partition ID.	
appDeviceFilterId	Request body	**Data Type:** Long App distribution filter to use for determining on which devices to install the app. Use GET /api/v1/app/devicefilter?dmPartitionId=< *dmPartitionId*>&includeAppCount=true|false for a list of valid filters.	6
accountIds	Request body	**Data Type:** Long Account IDs to which to distribute the app. Use the Get All Accounts call for a list of valid account IDs.	10050
accountGroupIds	Request body	**Data Type:** Long Account group IDs to which to distribute the app. Use the List User Groups call for a list of account group IDs.	11000
requestNewInstall	Request body	**Required** **Data Type:** Boolean true or false. If true, perform a new install. If false, do not perform a new install. See Understanding the requestNewInstall and requestUpdate Parameters for more information.	true
requestUpdate		**Data Type:** Boolean true or false. If true, perform an update install. If false, do not perform an update install. See Understanding the requestNewInstall and requestUpdate Parameters for more information.	false
everyoneWithApp	Request body	**Required** **Data Type:** Boolean true or false. If true, perform an install for everyone with the app. If false, do not perform an update for everyone with the app.	false

Understanding the requestNewInstall and requestUpdate Parameters

Use the requestNewInstall and requestUpdate parameter to specify the desired actions: only new install, only update, or update and install.

For example:

- If app is installed and you request new install: it will not install
- If app is not install and you request update: it will not install
- If app is installed (old version) and you request update (new version): it installs
- No app and you request install: it installs
- Not installed and you request install and update: it installs

Response Fields

Field	Description
errors	null if no errors.
result	Number of devices successfully queued for install.

Example Request

```
curl -X PUT \
  https://[mobileiron_cloud]/api/v2/app/17000/install \
  -H 'Authorization: Basic xxxxxG1pbkBhdXRvMDAwMS5tb2JpbGVpcm9uLmNvbTpNaTRtYW4xMTIyMzM=' \
  -H 'Content-Type: application/json' \
  -d '{
    "dmPartitionId": 23000,
    "appVersionId": 17000,
    "appDeviceFilterId": 4,
    "accountIds": [
        10050,
        10051
    ],
    "accountGroupIds": [
        11000
    ],
    "requestNewInstall": false,
    "requestUpdate": true,
    "everyoneWithApp": false
}'
```

Example Response

Success

```
{
    "errors": null,
    "result": 3
}
```

When app not found

```
{
    "errors": {
        "globalErrors": [
            {
                "code": "ASF-131",
                "message": "The application was not found."
            }
        ],
```

```
        "fieldErrors": null
    },
    "result": null
}
```

When no eligible device found

```
{
    "errors": null,
    "result": {
        "numberOfTriggeredAppInstalls": 0,
        "resultMessage": "No eligible devices were found for the install/update request for
this application."
    }
}
```

Delete an App

When MobileIron Cloud uploads an app, it assigns the app an appId and a version ID, which you use along with the cmPartitionId to remove that version of the app.

Authentication

This call requires tenant admin credentials.

HTTP Method

DELETE

Request URI

api/v1/app/appId/version?cmPartitionId=value&id=value

Request Parameters

Parameter	Argument Type	Description	Example Value
appId	Path	Application ID	16003
cmPartitionId	Path	The Content space ID id is the ID of the space containing the version to delete.	20000
id	Path	The id of the specific version of the application you want to delete.	name

Example Request

```
https://[mobileiron cloud]/api/v1/app/16003/version?cmPartitionId=20000&id=17004
```

Review and Rate an App

This call creates an app review and rating.

Authentication

Basic authentication is not supported with this API call.

HTTP Method

POST

Request URI

/c/api/v1/appstore/AppVersionId/review?summary=summaryText&rating=ratingNumber&title=title

Request Parameters

Parameter	Argument Type	Description	Example Value
ApplicationVersionId	Path	Integer. The application's version ID. Use GET /api/v1/app/id to get the value for applicationVersionId.	17001
summaryText	Path	String. The summary text for the review. This is the main text for the review.	Great little app! I use it all the time.
ratingNumer	Path	Integer. The rating number for the review, from 1 to 5.	5
title	Path	String. The title of the review.	Must have!

Example Request

```
curl -X POST -H "Content-Type: multipart/form-data; boundary=----
WebKitFormBoundary7MA4YWxkTrZu0gW" https://
[mobileironcloud]/c/api/v1/appstore/17026/review?summary=Great!&rating=5&title=Must have!
```

Response Fields

Field	Description
errors	null if no errors.
result	true if successful,

Example Response

```
{
    "errors": null,
    "result": true
}
```

Get All Reviews

This call gets all reviews in the specified content space.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/app/review?cmPartitionId= cmPartitionId

Request Parameters

Parameter	Argument Type	Description	Example Value
cmPartitionId	Path	The Content space ID id is the ID of the desired space containing the reviews to get.	20003

Example Request

```
https://[mobileiron cloud]/api/v1/app/review?cmPartitionId=20003
```

Response Fields

Field	Description
errors	
result	
totalCount	
queryTime	
searchResults	

Field	Description
id	
tenantId	
cmPartitionId	
title	
summary	
reviewState	
versionTag	
applicationId	
applicationVersionId	
createdAt	
createdBy	
modifiedAt	
modifiedBy	
displayName	
rating	
appVersionName	
iconUrl	
platformType	
offset	
facetedResults	
RATING	
1	
2	
3	
4	
5	
PLATFORMTYPE	

Field	Description
ANDROID	
IOS	
APPTYPE	
IN_HOUSE	
PUBLIC	
totalUnfilteredResultCount	

Example Response


```
{
    "errors": null,
    "result": {
        "totalCount": 39,
        "queryTime": 1,
        "searchResults": [
            {
                "id": 49069,
                "tenantId": 42004,
                "cmPartitionId": 20003,
                "title": "ok",
                "summary": "",
                "reviewState": "PUBLISHED",
                "versionTag": "1.7.8",
                "applicationId": 16031,
                "applicationVersionId": 17031,
                "createdAt": 1385061019059,
                "createdBy": 10141,
                "modifiedAt": null,
                "modifiedBy": null,
                "displayName": "Nimish Amin",
                "rating": 3,
                "appVersionName": "ADP Mobile Solutions",
                "iconUrl": "http://a1.mzstatic.com/us/r30/Purple4/v4/37/fc/52/37fc52cc-772f-
5231-f60c-ba6692f24645/icon.png",
                "platformType": "IOS"
            },
…
        ],
        "offset": 0,
        "facetedResults": {
            "RATING": {
                "1": 2,
                "2": 3,
                "3": 6,
                "4": 12,
                "5": 16
            },
            "PLATFORMTYPE": {
                "ANDROID": 5,
                "IOS": 34
            },
            "APPTYPE": {
                "IN_HOUSE": 1,
                "PUBLIC": 38
            }
        },
```

```
        "totalUnfilteredResultCount": 39
    }
}
```

Delete an App Review

This call deletes an App review.

Authentication

This call requires tenant admin credentials.

HTTP Method

DELETE

Request URI

/api/v1/app/review/delete?cmPartitionId=cmPartitionId&id=id

Request Parameters

Parameter	Argument Type	Description	Example Value
cmPartitionId	Path	The Content space ID id is the ID of the desired space containing the review to delete.	20000
id	Path	The id of the app review you want to delete.	name

Example Request

```
https://[mobileiron cloud]/api/v1/app/review/delete?cmPartitionId=20003&id=49023
```

Example Response

```
{
    "errors": null,
    "result": 1
}
```

Get Application Configuration

Returns application configuration for a specific version of an application.

Authentication

This call requires tenant admin credentials.

Request format

```
GET /api/v2/app/version/{applicationVersionId}/config?type={configType}
```

Request Parameters

Parameter	Argument Type	Description
applicationVersionId **REQUIRED**	Path	**number** ID of the specific version of the application.
type **REQUIRED**	Query	**string** Configuration type. Must contain the value **INSTALL**.

Response

```
{
    "errors":{
        object(Error)
    },
    "result":{
        object(SearchResponse)
    }
}
```

Field	Description
errors	object(Error) Response errors.
result	object(SearchResponse) Response results.

Object: SearchResponse

This object represents the result response.

```
{
   "limit": number,
   "offset": number,
   "searchResults": [
      {
          object(ApplicationConfiguration)
     }
   ],
   "totalCount": number
}
```

Field	Description
limit	**number** The maximum number of results that is being returned. Default is 50 and it can be controlled via query parameter. Refer to the API guide for details.
offset	**number** Result offset.
searchResults[]	object (ApplicationConfiguration) A list of application configurations.
totalCount	**number** The total number of results.

Object: ApplicationConfiguration

This object represents the application configuration result.

```
{
    "applicationVersionId":number,
    "configVariables":[
      {
          string
      }
    ],
    "createdAt":number,
    "createdBy":number,
    "defaultConfig":boolean,
    "description":string,
    "id":number,
    "modifiedAt":number,
    "modifiedBy":number,
    "name":string,
    "priority":number,
    "settings":{
        Object(ApplicationConfigurationSettings)
    },
    "type":string,
    "uuid":string
    "userCounts":number,
    "groupCounts":number,
}
```

Field	Description
applicationVersionId	**number** ID of the specific version of the application for which the configuration is applied.
configVariables[]	**string** List of configuration substitution variables. Refer to the MobileIron guide for supported variable substitutions.
createdAt	**number** Time of configuration creation in UNIX Epoch time. It is the number of seconds that have elapsed since 00:00:00 Thursday, 1 January 1970.
createdBy	**number** ID of the user that created the application configuration.
defaultConfig	**boolean** Flag that indicates if this is default system configuration.
description	**string** Configuration description that can be used to specify the purpose of the configuration.
groupCounts	**number** Number of user groups to which the configuration is distributed.
id	**number** ID of the application configuration.
modifiedAt	**number** Time of configuration modification in UNIX Epoch time. It is the number of seconds that have elapsed since 00:00:00 Thursday, 1 January 1970.
modifiedBy	**number** ID of the user that last modified the configuration.
name	**string** Name of the application configuration.
priority	**number** Priority of the configuration with 1 being the highest priority and the default configuration having the lowest priority.
settings	Object(ApplicationConfigurationSettings) Additional configuration settings.
type	**string**

Field	Description
	Configuration type. Types other than INSTALL are for internal use only.
userCounts	**number** Number of individual users to which the configuration is distributed.
uuid	**string** System assigned UUID of the configuration used internally.

Object: ApplicationConfigurationSettings

```
{
    "autoUpdate":boolean,
    "hideApp":boolean,
    "managed":boolean,
    "required":boolean,
    "silentInstall":boolean,
    "scheduleInstall": {
        Object(ApplicationConfigurationInstallScheduleSetting)}
    },
    "type":string,
}
```

Field	Description
Field	Description
autoUpdate	**boolean** iOS Public app specific flag. App update is triggered when new version of the application is available and the flag is set to true.
priority	**string** Use this parameter to define the order in which apps are received on the device when it is first registered (specifically, within the first twenty minutes after registration date and time), and required apps are pushed to install. You can prioritize downloading of specific apps before other apps, for example, prioritizing the download of Tunnel and Email apps before other non-critical apps. This parameter is applicable for public and private apps. Prerequisite apps are pushed before dependent apps. Valid values are: • HIGH • MEDIUM • LOW This parameter is supported on iOS (except AppStation for iOS), Android (except Android for Enterprise), and macOS (in-house PKG apps and Apple Apps and Books apps) devices.

Field	Description
	NOTE: This parameter is available for new registration devices. By default, all apps are set to medium priority. During this process, the user can elect to manually install any app in the catalog even though that app will compete for resources to install and may queue before high priority apps.
hideApp	**boolean** Flag indicating if the application is shown in the user app catalog (Apps@Work).
managed	**boolean** Flag indicating if previously installed application should be converted to managed.
required **REQUIRED**	**boolean** Flag indicating if the application is required. Must set to **true** or **false** when using this object in input parameters. Cannot be null.
silentInstall	**boolean** Android specific flag. If set to true, the application is silently installed on Samsung KNOX and Zebra devices.
scheduleInstall	Object(ApplicationConfigurationInstallScheduleSetting} Windows specific application installation schedule.
type **REQUIRED**	**string** Type of the application configuration. Types other than INSTALL are for internal use only. Required and must be set to **INSTALL** when using this object in input parameters.

Object: ApplicationConfigurationInstallScheduleSetting

Windows specific application installation schedule.

```
{
    "enabled":boolean,
    "startTime":string,
    "endTime":string,
}
```

Field	Description
enabled	**boolean** Flag indicating if the application is installed on a schedule.
startTime	**string** Time field indicating the start time of the window within which the application will be installed. The supported format is 24 hour time. For example 02:00, meaning 2 am.
endTime	**string**

Field	Description
	Time field indicating the end time of the window within which the application will be installed. The supported format is 24 hour time. For example 14:00, meaning 2 pm.

Example Request

```
curl -X GET -u <username>:<passwpord> -kv 'https://<mobileiron_
cloud>/api/v1/app/version/17000/config?type=INSTALL'
```

Example Response


```
{
    "errors": null,
    "result": {
        "limit": 50,
        "offset": 0,
        "searchResults": [
            {
                "applicationVersionId": 17000,
                "configVariables": null,
                "createdAt": 1547685772847,
                "createdBy": null,
                "defaultConfig": false,
                "description": null,
                "groupCounts": 2,
                "id": 47,
                "modifiedAt": 1547766408140,
                "modifiedBy": null,
                "name": "Test Config",
                "priority": 1,
                "settings": {
                    "autoUpdate": false,
                    "hideApp": false,
                    "managed": false,
                    "required": true,
                    "silentInstall": false,
                    "type": "INSTALL"
                },
                "type": "INSTALL",
                "userCounts": 3,
                "uuid": "6cae754b-baad-41eb-9b36-5884a8c106f0"
            },
            {
                "applicationVersionId": 17000,
                "configVariables": null,
                "createdAt": 1544817252706,
                "createdBy": null,
                "defaultConfig": true,
                "description": "Allows specifying install settings for an application.",
                "groupCounts": 1,
                "id": 1,
                "modifiedAt": 1547691994540,
                "modifiedBy": null,
                "name": "Install Application configuration settings.",
                "priority": 99999,
                "settings": {
                    "autoUpdate": true,
                    "hideApp": true,
                    "managed": false,
                    "required": true,
```

```
                    "silentInstall": false,
                    "type": "INSTALL"
                },
                "type": "INSTALL",
                "userCounts": 0,
                "uuid": "cdee085b-f8ee-4a1c-8840-e98a67e14c65"
            }
        ],
        "totalCount": 2
    }
}
```


Create Application Configuration

Creates application configuration for a specific version of an application.

Authentication

This call requires tenant admin credentials.

Request format

```
POST /api/v1/app/version/{applicationVersionId}/config
```

Request Parameters

Parameter	Argument Type	Description
applicationVersionId **REQUIRED**	Path	**number** ID of the specific version of the application.
Request Body Parameters		

{
"name": string,
"type": string,
"settings":{
Object(ApplicationConfigurationSettings)
},
"groupIds": [
number
],
"accountIds": [
number
]
}		

Parameter	Argument Type	Description
name **REQUIRED**	Request body	**string** Name of the application configuration. The name has to be unique for that type of application configuration.
type **REQUIRED**	Request body	**string** Must contain the value **INSTALL**
settings **REQUIRED**	Request body	Object(ApplicationConfigurationSetting) Additional configuration settings.
groupIds	Request body	**number** List of group ids of the groups to which the configuration will be applied. The configuration will not be applied to any groups when the group id list is empty or not set. The configuration will be applied to all users that have the app installed when the group is set to the “All Users” group.
accountIds	Request body	**number** List of specific user ids of the users to which the configuration will be applied. The configuration will not be applied to any specific users when the user id list is empty or not set.

Response

```
{
    "errors":{
        object(Error)
    },
    "result" : number
}
```

Field	Description
errors	object(Error) Response errors.
result	**number** ID of the application configuration that was created.

Example Request

```
curl --location --request POST 'https://<mobileiron_cloud>/api/v1/app/version/121646/config'
\
--header 'Accept: application/json, text/plain, */*' \
--header 'Content-Type: application/json;charset=UTF-8' \
--header 'Authorization: Basic xxxxxEBzYW5kYm94Lm1vYmlsZWlyb24uY29tOk1pNG1hbjEx' \
```

```
--data-raw '{
    "type": "INSTALL",
    "settings": {
        "required": true,
        "hideApp": false,
        "silentInstall": false,
        "managed": false,
        "autoUpdate": true,
        "type": "INSTALL",
        "priority": "LOW",
        "scheduleInstall": null
    },
    "distributeOption": "CUSTOM",
    "name": "ForDocs",
    "groupIds": [
        50918
    ],
    "accountIds": [
        486275
    ]
}'
```

Example Response

```
{
    "errors": null,
    "result": 276182
}
```

Update Application Configuration

Updates a specific application configuration for a specific version of an application.

Authentication

This call requires tenant admin credentials.

Request format

```
PUT /api/v1/app/version/{applicationVersionId}/config/{configId}
```

Request Parameters

Parameter	Argument Type	Description
applicationVersionId **REQUIRED**	Path	**number** ID of the specific version of the application.
configId **REQUIRED**	Path	**number** ID of the specific configuration that is updated.
Request Body Parameters		

`{`
`"id": number,`
`"name": string,`
`"type": string,`
`"settings":{`
`Object(ApplicationConfigurationSettings)`
`},`
`"groupIds": [`
`number`
`],`
`"accountIds": [`
`number`
`]`
`}`		

id **REQUIRED**	Request body	**number** ID of the specific configuration that is updated. It should be the same as the configId specified as a path parameter.
name **REQUIRED**	Request body	**string** Name of the application configuration. The name has to be unique for that type of application configuration.
type **REQUIRED**	Request body	**string** Must contain the value **INSTALL**

Parameter	Argument Type	Description
settings **REQUIRED**	Request body	Object(ApplicationConfigurationSetting) Additional configuration settings.
groupIds	Request body	**number** List of group ids of the groups to which the configuration will be applied. The configuration will not be applied to any groups when the group id list is empty or not set. The configuration will be applied to all users that have the app installed when the group is set to the “All Users” group.
accountIds	Request body	**number** List of specific user ids of the users to which the configuration will be applied. The configuration will not be applied to any specific users when the user id list is empty or not set.

Response

```
{
    "errors":{
        object(Error)
    },
    "result" : number
}
```

Field	Description
errors	object(Error) Response errors.
result	**number** ID of the application configuration that was updated.

Example Request

```
curl --location --request PUT 'https://<mobileiron_
cloud>/api/v1/app/version/121646/config/276183' \
--header 'Accept: application/json, text/plain, */*' \
--header 'Content-Type: application/json;charset=UTF-8' \
--header 'Authorization: Basic xxxxxEBzYW5kYm94Lm1vYmlsZWlyb24uY29tOk1pNG1hbjEx' \
--data-raw '{
    "id": 276183,
    "applicationVersionId": 121646,
    "name": "ForDocs",
    "description": null,
    "priority": 1,
    "settings": {
        "type": "INSTALL",
        "managed": false,
```

```
        "required": true,
        "hideApp": false,
        "silentInstall": false,
        "autoUpdate": true,
        "priority": "LOW",
        "scheduleInstall": null
    },
    "type": "INSTALL"
}'
```

Example Response

```
{
    "errors": null,
    "result": 276183
}
```

Custom Attributes Management

Get Custom Attributes

This call gets a list of custom attributes in the system. You can use this call to get all custome attributes, or narrow the search to account, device, AAD, or LDAP custom attributes.

Authentication

This call requires Tenant Admin credentials.

HTTP method

GET

Request URI

To get all custom attributes:

/api/v1/customattributes

To get custom attributes of the specified type:

/api/v1/customattributes?type=account|device| AAD|LDAP

Request parameters

Parameter	Argument Type	Description	Example Value
type	Query	Type of custom attribute to retrieve. Can be: • account • device • AAD • LDAP Sending the call without the type parameter retrieves all custom attributes.	account

Example request

Get account custom attributes.

```
curl --location --request GET 'https://[MobileIron_Cloud]/ap-
i/v1/customattributes?type=account' \
--header 'Authorization: Basic xxxxxEBzYW5kYm94Lm1vYmlsZWlyb24uY29tOk1pNG1hbjEx' \
```

Response fields

Field	Description
errors	Lists errors, if any.
result	Container for results.
searchResults	Container for search results.
id	Custom attribute ID.
createdAt	When custom attribute created.
createdBy	Who created custom attribute.
modifiedAt	When custom attribute modified.
modifiedBy	Who modified custom attribute.
type	Type of custom attribute, account, device, AAD, or LDAP.
name	Name of custom attribute.
totalCount	How many custom attributes found.
offset	Where in the results the return starts.
limit	How many rows retrieved.

Example response

```
{
    "errors": null,
    "result": {
        "searchResults": [
            {
                "id": 197,
                "createdAt": 1488590903744,
                "createdBy": 67076,
                "modifiedAt": 1488590903744,
                "modifiedBy": null,
                "type": "ACCOUNT",
                "name": "firstName"
```

```
            },
            {
                "id": 448,
                "createdAt": 1511926900839,
                "createdBy": 67076,
                "modifiedAt": 1511926900839,
                "modifiedBy": null,
                "type": "ACCOUNT",
                "name": "fn"
            },
            {
                "id": 1044,
                "createdAt": 1516915901064,
                "createdBy": 67076,
                "modifiedAt": 1516915901064,
                "modifiedBy": null,
                "type": "ACCOUNT",
                "name": "phoneNumber"
            },
            {
                "id": 2205,
                "createdAt": 1542063540291,
                "createdBy": 67076,
                "modifiedAt": 1542063540291,
                "modifiedBy": null,
                "type": "ACCOUNT",
                "name": "idamattrib"
            },
            {
                "id": 5003,
                "createdAt": 1581633006072,
                "createdBy": 67076,
                "modifiedAt": 1581633006072,
                "modifiedBy": null,
                "type": "ACCOUNT",
                "name": "test234"
            }
        ],
        "totalCount": 5,
        "offset": 0,
        "limit": 50
    }
}
```

Certificate Management Calls

Get the Certificate Revocation List

This call gets the Certificate Revocation List (CRL).

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/c/ca/<tenant-id>/AWS%20CA.crl

Request Parameters

Parameter	Argument Type	Description	Example Value
tenant-id	Path	The id of the tenant for which you want to download the CRL.	42591

Example Request

```
http://<mobileiron_cloud>/c/ca/42591/AWS%20CA.crl
```

Response

Returns HTTP code 200 OK and downloads a file named cert.cer.

Get List of Certificates Requiring Manual Revocation

This call returns a Comma Separated Value (CSV) file containing a list of certificates that cannot be revoked systematically and need to be revoked manually.

Required Permissions

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

/api/v1/ca/getCertStatus/{caName}?format=csv

Request Parameters

Parameter	Argument Type	Description	Example Value
caName	Path	**Required** **Data Type:** String The certificate authority name. You can find this name in the MobileIron Cloud user interface by selecting **Admin** > **Certificate Authority** and selecting a name from the **Name** column of the Certificate Authority table.	attca
format	Query	**Required** **Data Type:** String Specifies the format of the return list. Use csv.	csv

Example Request

```
http://<mobileiron_cloud>/api/v1/ca/getCertStatus/attca?format=csv
```

Response

Returns a CSV file with information about external certificates in the state, Manual_Revoke, meaning, that need to be revoked manually. If the call does not find any certificates that need to be revoked manually, the call returns an empty CSV file. The CSV file contains the following header fields: caID, caName, certHash, mdmChannelId, notAfter, notBefore, serialNumber, storeState, subject, usageType.

Example Response

```
caID,caName,certHash,mdmChannelId,notAfter,notBefore,serialNumber,storeState,subject,usageT
ype
18000,ExternalCA1,,,Tue Jun 08 14:20:15 IST 2049,Mon Jun 17 14:20:19 IST 2019,1007,Manual_
Revoke,"CN=usureshbabu.mobileiron.dev,OU=WindowsPhoneEnrollmentCA,UID=1560761719200",
18000,ExternalCA2,,,Tue Jun 08 14:20:15 IST 2049,Mon Jun 17 14:20:18 IST 2019,1006,Manual_
Revoke,"CN=usureshbabu.mobileiron.dev,OU=SentryCA,UID=1560761718373",
18000,ExternalCA3,,,Tue Jun 08 14:20:15 IST 2049,Mon Jun 17 14:20:20 IST 2019,1008,Manual_
Revoke,"CN=usureshbabu.mobileiron.dev,OU=MobileIronVelaCA,UID=1560761720165",
18000,ExternalCA4,,,Tue Jun 08 14:20:15 IST 2049,Mon Jun 17 14:20:18 IST 2019,1005,Manual_
Revoke,"CN=usureshbabu.mobileiron.dev,OU=MobileIronClientCA,UID=1560761718120",
18000,ExternalCA5,,,Tue Jun 08 14:20:15 IST 2049,Mon Jun 17 14:20:20 IST 2019,1009,Manual_
Revoke,"CN=usureshbabu.mobileiron.dev,OU=MobileIronAgentCA,UID=1560761720790",
18000,ExternalCA6,,,Tue Jun 08 14:20:15 IST 2049,Mon Jun 17 14:20:22 IST 2019,1013,Manual_
Revoke,"CN=usureshbabu.mobileiron.dev,OU=MacOSAgentScriptSignerCA,UID=1560761722353",
```

```
18000,ExternalCA7,,,Tue Jun 08 14:20:15 IST 2049,Mon Jun 17 14:20:17 IST 2019,1004,Manual_
Revoke,"CN=usureshbabu.mobileiron.dev,OU=iOSMDMCA,UID=1560761717820",
```

Upload User-Provided Certificates

Use this call to upload multiple user-provided certificates by specifying certificate enrollment IDs and usernames, and providing the certificate payloads (p12) and passwords for the certificate private key. You can quickly configure user-provided certificates for multiple users without requiring each user to upload certificates using the self-service user portal, improving security by reducing the use of username and password.

Authentication

This call requires tenant admin credentials.

HTTP Method

POST

Request URI

api/v1/user_provided

Request Parameters

Parameter	Argument Type	Description	Example Value
certData	Request body	Multipart P12 file.	@smes.p12
password	Request body	Password of the P12 file being uploaded.	123456
accountUid	Request body	Account uid of the end user for which the certificate is being uploaded.	user@acme.com
policyId	Request body	Identity Certificate UP policy id for which the user provided certificate is uploaded.	35037

Example Request

```
curl -X POST https://<mobileiron_cloud>/api/v1/user_provided -H 'authorization: Basic
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx' -H 'cache-control: no-cache' -H 'content-type:
multipart/form-data; boundary=----WebKitFormBoundary7MA4YWxkTrZu0gW' -F password=123456 -F
certData=@smes.p12 -F policyId=35037 -F accountUid=user@acme.com
```

Response

```
{
```

```
"errors": null,
"result": true
}
```

Delete User-Provided Certificates in Bulk Using CSV File

Use this call along with an uploaded CSV file to to automate the deletion of private keys and passwords for user-provided certificate packages that have been stored on the system for individual users and for groups of users.

Authentication

This call requires tenant admin credentials.

HTTP Method

DELETE

Request URI

/api/v1/user_provided/clearPrivateKey/csv

Request Parameters

Parameter	Argument Type	Description	Example Value
csv-data	Request body	Identifies the CSV file to upload with the request. See CSV File Format for more information.	@test.csv

CSV File Format

certificateIds

for example:

```
certificateIds
3
7
10
13
```

This CSV file would delete certificates with the IDs 3, 7, 10, and 13. Do not include more than 1000 IDs per CSV file.

Example Request

```
curl -X DELETE \

  https://<mobileiron_cloud>/api/v1/user_provided/clearPrivateKey/csv \
```

```
-H 'authorization: Basic xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx=' \

-H 'content-type: multipart/form-data; boundary=----WebKitFormBoundary7MA4YWxkTrZu0gW' \

-F csv-data=@test.csv
```

Example responses

When the key is cleared:

```
{
    "errors": null,
    "result": {
        "numberOfPrivateKeysCleared": 1,
        "invalidCertificateIds": [ ]
    }
}
```

When there is an invalid key:

```
{
    "errors": null,
    "result": {
        "numberOfPrivateKeysCleared": 0,
        "invalidCertificateIds": [
            3
        ]
    }
}
```

When there is both:

```
{
    "errors": null,
    "result": {
        "numberOfPrivateKeysCleared": 6,
        "invalidCertificateIds": [
            3
        ]
    }
}
```

When key is already cleared:

```
{
    "errors": null,
    "result": {
        "numberOfPrivateKeysCleared": 0,
        "invalidCertificateIds": [
            3
        ]
    }
}
```

When the cert count is more than 1000:

```
{
    "errors": {
        "globalErrors": [
            {
                "code": "CERT-114",
```

```
                "message": "Clear private key request size for certificates exceeds
configured limit : 1,000 "
            }
        ],
        "fieldErrors": null
    },
    "result": null
}
```

When the file is invalid format:

```
{
    "errors": {
        "globalErrors": [
            {
                "code": "CSV-100",
                "message": "The uploaded CSV File is invalid."
            }
        ],
        "fieldErrors": null
    },
    "result": null
}
```

Delete User-Provided Certificates in Bulk Using Using Account and Policy

Use this call to automate the deletion of private keys and passwords for user-provided certificate packages that have been stored on the system for individual users and for groups of users.

Authentication

This call requires tenant admin credentials.

HTTP Method

DELETE

Request URI

/api/v1/user_provided/clearPrivateKey/csv

Request Parameters

Parameter	Argument Type	Description	Example Value
accountId	Request body	The accountID of the user whose certificates to delete.	10200
userProvidedCertificatePolicyIds	Request body	The Identity Certificate UP policy ids of the certificates to delete. Use a comma separated list to delete multiple certificates.	35497

Example Request

```
curl -X DELETE \

  https://<mobileiron_cloud>/api/v1/user_provided/clearPrivateKey \

  -H 'authorization: Basic xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx=' \

  -H 'content-type: application/json' \

  -d '{"accountAndUPPolicyWrappers":[{"accountId":10200,"userProvidedCertificatePolicyIds":
[35497]}]}'
```

Example responses

When call is successful:

```
{
    "errors": null,
    "result": {
        "numberOfPrivateKeysCleared": 5,
        "invalidAccountIds": [ ],
        "invalidIdentityCertificateUPPolicyIds": [ ]
    }
}
```

When account ids and policy ids are invalid:

```
{
    "errors": null,
    "result": {
        "numberOfPrivateKeysCleared": 0,
        "invalidAccountIds": [
            10200
        ],
        "invalidIdentityCertificateUPPolicyIds": [
            35497
        ]
    }
}
```

When the key is already cleared :

```
{
    "errors": {
        "globalErrors": [
            {
```

```
                "code": "KSF-101",
                "message": "Unable to open PKCS12 keystore. File format is not valid."
            }
        ],
        "fieldErrors": null
    },
    "result": null
}
```

When there are invalid policy ids :

```
{
    "errors": {
        "globalErrors": null,
        "fieldErrors": [
            {
                "code": "HTTP-400-3",
                "message": "Invalid account and(or) policies specified.",
                "field": "accountAndUPPolicyWrappers"
            }
        ]
    },
    "result": null
}
```

Connector Management Calls

Get Connector status

This call gets the MobileIron Cloud Connector status.

Authentication

This call requires tenant admin credentials.

HTTP Method

GET

Request URI

api/v1/ec

Request Parameters

Parameter	Argument Type	Description	Example Value
N/A			

Example Request

```
curl --location --request GET 'https://<mobileiron_cloud>/api/v1/ec' \
--header 'Authorization: Basic xxxxxMEBzYW5kYm94Lm1vYmlsZWlyb24uY29tOk1pNG1hbjEx' \
```

Response fields

Field	Description
errors	
result	
searchResults	
id	

Field	Description
createdAt	
createdBy	
modifiedAt	
modifiedBy	
name	
description	
registrationState	
kocabVersion	
enabled	
routingTagIds	
lastConnectedAt	
available	
capabilities	
caServers	
displayName	
displayNameKey	
configOptions	
key	
defaultValue	
description	
descriptionKey	
required	
valueType	
key	

Field	Description
defaultValue	
description	
descriptionKey	
required	
valueType	
key	
defaultValue	
description	
descriptionKey	
required	
valueType	
serverType	
displayName	
displayNameKey	
configOptions	
key	
defaultValue	
description	
descriptionKey	
required	
valueType	
key	
defaultValue	
description	

Field	Description
descriptionKey	
required	
valueType	
key	
defaultValue	
description	
descriptionKey	
required	
valueType	
key	
defaultValue	
description	
descriptionKey	
required	
valueType	
unicastRoutingTagId	
loggingLevel	
loggingRevertsAt	
totalCount	
offset	
limit	

Response

```
{
    "errors": null,
    "result": {
        "searchResults": [
            {
                "id": 28723,
```

```
                "createdAt": 1591726945738,
                "createdBy": 67076,
                "modifiedAt": 1591748936099,
                "modifiedBy": 1,
                "name": "ppp091.auto.mobileiron.com",
                "description": null,
                "registrationState": "REGISTERED",
                "kocabVersion": "69.0.0.24",
                "enabled": true,
                "routingTagIds": [],
                "lastConnectedAt": 1591741596537,
                "available": false,
                "capabilities": {
                    "caServers": [
                        {
                            "displayName": "Generic SCEP Server",
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