**IBM MaaS360®**

**API Reference Guide**

**For Web Services**

For v10.89  
Updated 17 March 2023

Image

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**What’s New in this Guide**

**Release 10.89 – 17 March 2023**

No APIs were updated or added for this release.

**Release 10.88 – 02 December 2022**

* *Search Action History (v1)*: GET /device-apis/devices/1.0/searchActionHistory/<billingID> (existing web service): Added a new sample response attribute named *result* that fetches a detailed description about the status of the actions that were taken on a device.
* *Basic Search (v2)*: GET /device-apis/devices/2.0/search/customer/<billingID> (existing web service): Updated an incorrect value that was listed for the optional *maas360ManagedStatus* parameter. The incorrect *Pending Contol Removed* value was updated to *Pending Control Removal*.   
  **Release 10.87 – 26 August 2022**   
  No APIs were updated or added for this release.   
  **Release 10.86 – 03 June 2022**
* *Get Admin Changes Audit*: GET account- provisioning/administrator/1.0/getAdminChangesAudit/customer/<billingId> (existing web service): Added a new value for the account status parameter that fetches audits for a deleted local admin account for a billing ID.
* *Add Local User Account:* POST /user-apis/user/1.0/addUser/customer/<billingID> (existing web service):

o Added a new parameter *emailSetPwdLink* that sends an email link to set a password. o Updated the access rights for the API.

* *Mark Device as Lost*: POST https://<services-url>/apple- api/devices/2.0/customer/<billingId>/device/<deviceId>/action: Updated the request formula after receiving customer feedback.
* *Create Device Enrollment*: POST /device-apis/devices/1.0/enrollDevice/<billingID>/ (existing web service): Added a new parameter *licenseNames* where you can enter the MaaS360 service license bundle (MaaS360 Part Name) to enroll a device.   
  **Release 10.85 – 11 March 2022**

• *Get Audit of Ruleset Changes*: GET /rule-apis/rules/1.0/getRuleSetAudit/customer/<billingID> (new web service): Added a new API that fetches audits of all rule changes that were made within a specific timeframe for the billing ID of an organization.

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**Release 10.84 – 10 December 2021**

* *Get Audit of Policy Changes*: GET /policymgmt- apis/policies/2.0/getPolicyChangesAudit/customer/<billingID> (new web service): Added a new API that fetches audits of all policy changes that were made to a billing ID of an organization.
* *Add Local User Account*: POST /user-apis/user/1.0/addUser/customer/<billingID> (existing web service): Added a new authType parameter to enable customers to pass configured authentication types in the API.
* *Add Google Play App (v1)*: POST /application-apis/applications/1.0/addPlayApp/<billingID> (existing web service): Added two new parameters *instantUpdate* and *autoUpdateMode*.
* *Add Google Play App (v2)*: POST /application-apis/applications/2.0/addPlayApp/customer/<billingID> (existing web service): Added two new parameters *instantUpdate* and *autoUpdateMode*.   
  **Release 10.83 – 17 September 2021**

• *Authentication 2.0*: Added Authentication token validation error scenarios to the Authentication 2.0 APIs.

**Release 10.82 – 25 June 2021**

* *Get User and Device Groups*: GET /group-apis/group/1.0/groups/customer/<billing\_id> (existing web service): Added additional description on availability of MaaS360-defined groups only if there are active distributions.
* *Download Windows Dependency*: GET /application- apis/winApps/2.0/downloadWindowsDependency/customer/<billingId> (existing web service): Added new error message DEPENDENCY\_NOT\_PRESENT for 200 response code if a dependency is not present.

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**Overview**

* ❖  MaaS360 provides REST style web-service APIs.
* ❖  The API response is in XML format.
* ❖  The API root URL varies by MaaS360 instance on which the customer account exists

o M1: *https://services.fiberlink.com/*o M2: *https://services.m2.maas360.com/* o M3: *https://services.m3.maas360.com/*

* ❖  Every web-service request needs to include the Billing Account context – The provided Billing Account context is validated against context available with the authenticated session. All web-services will require authentication.
* ❖  UTF-8 encoding should be used when sending arguments to the API.
* ❖  All timestamp attributes returned by the webservices are in GMT

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**Authentication**

To use any web service, the app will need to authenticate first and get an authentication token. Once generated, authentication token is valid for 60 mins. Webservices can continue to be executed using this token and once it expires, a refreshed authentication token will need to be generated.

To be able to make the request to generate authentication token, we need to provision the app in MaaS360 with authorization to use MaaS360 webservices. Contact IBM Support for provisioning this. Once provisioned, the following information will be provided:

* App ID
* App Version
* Platform ID
* App Access Key   
  Request  
  POST /auth-apis/auth/1.0/authenticate/<billingId>  
  Following inputs will then need to be provided for token generation.

• ROOT\_WS\_URL: Depends on your MaaS360 instance o M1: https://services.fiberlink.com/  
o M2: https://services.m2.maas360.com/  
o M3: https://services.m3.maas360.com/

* Billing ID: <<Customer's Billing ID>>
* Administrator Username: <<Your MaaS360 Local Username>>
* Administrator Password: <<Your MaaS360 Password>>
* App ID (for App authorized to use MaaS360 services): <<App ID provisioned in MaaS360>>
* App Version: <<App Version of app provisioned in MaaS360>>
* Platform ID: 3 <<Use this for now>>
* App Access Key: <<Access Key generated by MaaS360>>
* Content-Type: application/xml

<authRequest>  
<maaS360AdminAuth> <billingID>xxxxxx</billingID> <platformID>x</platformID> <appID>xxxxxx</appID> <appVersion>x</appVersion> <appAccessKey>xxxxxxx</appAccessKey> <userName>xxxxxx</userName> <password>xxxxxx</password> </maaS360AdminAuth>

</authRequest>

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Sample response  
<?xml version=”1.0” encoding=”UTF-8” standalone=”yes”?> <authResponse>

<authToken>e374441e-1226-4741-83fa-40431dbfea3d-DKrh0J3</authToken>

<errorCode>0</errorCode> </authResponse>

Response code: 200

Sample java program that uses MaaS360 web services is provided along with this document. There are 2 java files in the zipped file:

* Authenticator.java - Outlines how to authenticate.
* Client.java – Outlines how to make device api calls (search as an example) using the   
  token generated by the Authenticator.   
  Third-party jars etc. required by the sample programs are already part of the tar file. The customer will need to configure sections in the code within the following comment blocks.   
  // [[ Section to be configured by the caller // Section to be configured by the caller ]]

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**Authentication 2.0**

To use any web service, the app will need to authenticate first and get an authentication token. The Auth 2.0 API call gives a refresh token along with the auth token. Webservices can continue to be executed using this auth token. Once the auth token expires, a refreshed authentication token can be generated by calling the refreshToken API call. Note: Refresh tokens can also expire, and in such cases the caller will have to use the Auth 2.0 api call to generate a fresh Auth Token.

To be able to make the request to generate the authentication token, provision the app in MaaS360 with the authorization to use the MaaS360 webservices. Contact IBM Support for provisioning support. Once provisioned, the following information is provided:

* App ID
* App Version
* Platform ID
* App Access Key   
  Admin Authentication:  
  Request  
  POST /auth-apis/auth/2.0/refreshToken/customer/<billingId> Following inputs will then need to be provided for token generation.

• ROOT\_WS\_URL: Depends on your MaaS360 instance o M1: https://services.fiberlink.com/  
o M2: https://services.m2.maas360.com/  
o M3: *https://services.m3.maas360.com/*o M4: https://services.m4.maas360.com/  
o M6: https://services.m6.maas360.com/

* Billing ID: <<Customer's Billing ID>>
* Administrator Username: <<Your MaaS360 Local Username>> (Note: Use the same local username which you have used to create auth 2.0 Auth Token). It is recommended to use only local admin username since the password does not expire for local admin accounts. If you do not have a local admin user, create a local admin account with *Read-Only admin roles* and convert to a Script-Only user by which the password will not expire. This local admin user details can be used to generate Auth token and use the Web Service APIs. Note: Auth token generated by admin with Read-Only roles can only be used to make Read-Only API request calls. If used to perform any edit or create API calls, then ‘unauthorizederror-401’ error occurs.
* App ID (for App authorized to use MaaS360 services): <<App ID provisioned in MaaS360>>
* App Version: <<App Version of app provisioned in MaaS360>>
* Platform ID: 3 <<Use this for now>>

Image

* Refresh Token: <<Refresh Token generated by Auth 2.0 API>>
* Content-Type: application/xml

<authRequest> <maaS360AdminAuth> <billingID>xxxx</billingID> <userName>xxxx</userName>

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<appID>xxxx</appID> <appVersion>xx</appVersion> <platformID>x</platformID> <refreshToken>xxxx</refreshToken> </maaS360AdminAuth> </authRequest>

Sample response <authResponse>

<authToken>xxxxx</authToken> <errorCode>0</errorCode>  
< refreshToken>xxxxx</refreshToken> </authResponse>

Response code: 200

**Auth 2.0 API Success Case:**

<authRequest> curl –location --request POST 'https://{root-url} /auth- apis/auth/2.0/authenticate/customer/{billingId}' \

--header 'Content-Type: application/xml' \ --header 'Accept: application/xml' \  
--data-raw '<authRequest> <maaS360AdminAuth> <platformID>x</platformID> <billingID>xxxx</billingID> <password>xxxx</password> <userName>xxxx</userName> <appID>xxxx</appID> <appVersion>xxxx</appVersion> <appAccessKey>xxxx</appAccessKey> </maaS360AdminAuth> </authRequest>

Sample response Status Code: 200

<?xml version="1.0" encoding="UTF-8" standalone="yes"?><authResponse><authToken>xxxx</authToken><errorCode>0</errorC ode><refreshToken>xxxx </refreshToken></authResponse>

<authToken>xxxxx</authToken> <errorCode>0</errorCode> <refreshToken>xxxxx</refreshToken> </authResponse>

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**Refresh Token Success Case:**

Request:

curl --location --request POST 'https://{root-url} /auth- apis/auth/2.0/refreshToken/customer/{billingId} \

--header 'Content-Type: application/xml' \ --header 'Accept: application/xml' \ --data-raw '<authRequest> <maaS360AdminAuth> <platformID>x</platformID> <billingID>xxxx</billingID> <userName>xxxx</userName> <appID>xxxx</appID> <appVersion>xxxx</appVersion> <refreshToken>xxxx</refreshToken> </maaS360AdminAuth>

</authRequest>

setResponse: Status Code :200

<?xml version="1.0" encoding="UTF-8" standalone="yes"?><authResponse><authToken>xxxx</authToken><errorCode>0</errorCode> <refreshToken>xxxxx</refreshToken></authResponse>

**Authentication token validation error scenarios:**

Response Code: 401

The HTTPS status code 401 occurs for any authentication token validation failures. This error might occur in any API when auth token is used to authenticate user. We recommend that the customer use the HTTP status code instead of the response body for handling authentication related API errors in the integrations.

Response for auth token error is available in either in application/xml or application/json based on the content type header of the original request. By default, the response is in application/json format.

Following are the new response structure for any auth token validation related errors in application/json content type:

**Error: Response while trying to execute any API with expired auth token**

{  
"authResponse": {

"errorCode": 1007,

"errorDesc": "Token expired." }

}  
Action to fix error: Regenrate new token.

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**Error: Response while customer account is invalid**

{  
"authResponse": {

"errorCode": 1008,

"errorDesc": "Invalid account." }

}  
Action to fix error: Check if the customer ID used in the API is valid.

**Error: Response when token generated is invalid**

{  
"authResponse": {

"errorCode": 1009,

"errorDesc": "Token invalid" }

}  
Action to fix error: Check the credentials and try regenerating the token.

**Error: Response when authentication scheme is not supported**

{  
"authResponse": {

"errorCode": 1010,

"errorDesc": "Unsupported authentication type" }

}  
Action to fix error: Use the authentication scheme supported by the APIs to generate token.

**Error: Response when user does not have access to the API**

{  
"authResponse": {

"errorCode": 1011,

"errorDesc": "Insufficient access rights" }

}  
Action to fix error: Add the required user role and regenerate the token.

**Error: Response when user is not entitled to access the workflow**

{  
"authResponse": {

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"errorCode": 1013,

"errorDesc": "Not entitled" }

}  
Action to fix error: Enable required services for user and regenerate the token.

**Error: Response when request URL is incorrect**

{  
"authResponse": {

"errorCode": 1014,

"errorDesc": "Not a valid request uri" }

}  
Action to fix error: Refer to the Webservices API documentation for correct URL.

**Error: Response when customer account configuration is incorrect**

{  
"authResponse": {

"errorCode": 1004,

"errorDesc": "Customer setup issue" }

}  
Action to fix error: Contact MaaS360 customer support team to setup customer account.

**Error: Response when error occurs while validating the token**

{  
"authResponse": {

"errorCode": 999,

"errorDesc": "Unexpected error validating token" }

}  
Action to fix error: Contact MaaS360 customer support team for further assistance.

**Following is a sample response body for application/xml content type:**

<?xml version="1.0" encoding="UTF-8" standalone="yes"?> <authResponse>

<errorCode>1007</errorCode>

<errorDesc>Token expired</errorDesc> </authResponse>

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**RefreshToken API response when the refresh token generated by auth 2.0 API is also expired:**

Status Code: 200  
<?xml version="1.0" encoding="UTF-8" standalone="yes"?> <authResponse>  
<errorCode>1002</errorCode>  
<errorDesc>Invalid credentials</errorDesc> </authResponse>  
Note: platformID in all the calls will be 3

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**Compressed Content**

Web service response can be retuned as compressed content to support transfer of large volumes of data.

Webservice client will have send the following Header to indicate that it wants compressed content: **Accept-Encoding:deflate**.

In case the Webservice client accepts compressed content, server may return compressed content. In this case it will return following header indicating that the content is compressed using deflate: **Content-Encoding:deflate**.

If client doesn’t send **Accept-Encoding:deflate** header, the response will never be compressed by server.

Webservice client needs to decompress the received data else it will be illegible.

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**Error Codes**

Web-services will return a Response and HTTP Response Status Code.

❖ Status Code indicates whether the web-service has executed successfully or an error condition. Possible values:

o 200 OK: Success

o 400 Bad Request: The web-service request was invalid.

o 401 Unauthorized: Authentication for the web-service request failed. Invalid credentials.

o 403 Forbidden: Web-service request is requesting a resource that the server does not allow access to.

o 404 Not Found: The requested resource is not found.  
o 500 Internal Server Error: An internal server error occurred while

processing the request.

o 502 Bad Gateway: MaaS360 Web-service server is not reachable.

o 503 Service Unavailable: The server is currently unable to handle the request due to a temporary overloading or maintenance of the server. The implication is that this is a temporary condition which will be alleviated after some delay.

o 204 No Content  
❖ Response contains the result of web-service execution

In case of critical errors, following is the recommendation: ❖ 500: Report a bug. Do not retry till the bug is fixed ❖ 502: Retry after 10 min  
❖ 503: Retry after 10 min

**Webservice usage limits**

MaaS360 continuously monitors usage of webservices and at an account level, by default, applies the following limits per day for various categories of webservices:

* -  device-apis/: 100,000
* -  auth-apis/: 250,000
* -  application-apis/: 100,000
* -  user-apis/: 100,000   
  In case you exceed these limits and want to increase them, contact IBM Support with details of your current usage.   
  In every webservice, the following new HTTP headers are returned. Inspect these headers for data on webservices usage.
* -  X-Rate-Limit-Max: The rate limit ceiling for that given request
* -  X-Rate-Limit-Remaining: The number of requests left for the day window <24 hours - not   
  calendar day>
* -  X-Rate-Limit-ResetWindow: The remaining window before the rate limit resets in seconds - from   
  time of call   
  On exceeding the rate limits for the day, API calls will return an HTTP 429 “Too Many Requests” or HTTP 500 (Internal Server Error) response code (HTTP 500 is likely with Apache 2.1).   
  Webservice clients should respect these error codes and stop calling webservices for the remaining period of the day.   
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**Device View to Platform Matrix**

Basic Search X X Get Core Attributes X X Get Summary Attributes X X Get Hardware Inventory X X Get Device Identity Attributes X X Get Software Installed X X Get Security & Compliance

Information for a Mobile Device  
Get Enabled MaaS360 Services for  
a Device  
Get Network Information for a  
Mobile Device  
Get Patch Information for a X X Computer  
Get Network Information for a X X Computer  
Get Security Applications X X Information  
Get Application Distributions X  
Get Location History  
Get Cellular Data Usage for a  
Device  
Get Devices with Associated  
Users  
Get Groups for a Device  
Get Relevant Data Views for a X X Device  
Get Relevant Actions for a Device X X Set Device Name

X X X X X X X X X X

X X

X X X X X X X X X X X X X X

X X X X X X X X X X X X X X

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Methods** | Windows  Image | Mac | ActiveSync Devices  Image Image | Traveler Devices  Image Image | BlackBerrys  Image | iOS MDM | Android MDM  Image Image | Windows Phone  Image Image |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**22**

disclosure restricted by GSA ADP Schedule

**Device Actions to Platform Matrix**

Refresh Device Information Assign a User to a Device Set Custom Attribute Value Refresh Device Information Send Message

X X X X X X  
X X  
X X  
X X

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Methods** | Windows  Image | Mac | ActiveSync Devices  Image Image | Traveler Devices  Image Image | BlackBerrys  Image | iOS MDM | Android MDM  Image Image | Windows Phone MDM  Image Image Image |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Locate Device  
Lock Device  
Reset Device Passcode  
Change Device Policy  
Change Compliance Ruleset  
Update Device Certificate  
Selective Wipe Device  
Revoke Selective Wipe  
Wipe Device  
Cancel Pending Wipe  
Approve Device in Messaging  
System  
Block Device in Messaging System  
Remove Device  
Remove Device from Mailbox  
Server  
HideDevice XXXXXXXX Check Action Status X X X X  
Search Action History X X X X

X X X

Image Image Image Image Image Image Image Image Image

X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**23**

**Device**

**Basic Search (v1)**

Request  
GET /device-apis/devices/1.0/search/<billingID>

Definition

❖ Search for devices by Device Name, Username, Phone Number, Platform, Device Status and other Device Identifiers

❖ Support for partial match for Device Name, Username, Phone Number ❖ Get results on specified pages of the Result-set

Parameters

deviceStatus partialDeviceName

partialUsername partialPhoneNumber

udid  
imeiMeid wifiMacAddress mailboxDeviceId excludeCloudExtenders platformName

operator match

pageSize

pageNumber billingID sortAttribute

sortOrder

Optional Optional

Optional Optional

Optional Optional Optional Optional Optional

Optional Optional

Optional

Optional Required Optional

Optional

Active or Inactive  
Partial (Starts with) or full Device Name string that needs to be searched for  
Partial (Starts with) or full Username string that needs to be searched for  
Partial (Starts with) or full Phone Number that needs to be searched for  
Full UDID of the device. Specific to iOS devices  
Full IMEI or MEID of the device  
Full Wi-Fi Mac Address of the device  
Full ActiveSync ID of the device  
Possible values: Yes (Default), No  
Windows  
Mac  
iOS  
BlackBerry  
Android  
Windows Mobile  
Symbian  
Windows Phone 7  
Others  
Operator to be used between various criteria. Default value = “AND”  
0 indicates Partial match for Device Name, Username, Phone Number – This is the default value  
1 indicates Exact match  
Limit number of devices returned at one time.  
Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50  
Results specific to a particular page. Default is first page  
Billing ID of the account for which the web-service is being executed  
Possible values:

* -  lastReported (Default)
* -  installedDate Possible values:

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

- -

asc  
dsc (Default)

Image Image Image Image Image Image

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**24**

Sample Request

*https://services.fiberlink.com/device- apis/devices/1.0/search/1101234?deviceStatus=Active&partialDeviceName=BBFL&partialUsername=ther& partialPhoneNumber=99005&platformName=Windows&operator=OR&match=0&pageSize=25&pageNumber =2*

Sample Response

<devices> <device>

<maas360DeviceID>ApplF17R9GAGGRY5</maas360DeviceID> <deviceName>iPhone</deviceName> <customAssetNumber></customAssetNumber> <ownership>Corporate Owned</ownership> <deviceOwner></deviceOwner> <username>vinayaknp</username> <emailAddress>vinayaknp@in.ibm.com</emailAddress> <platformName>iOS</platformName> <sourceID>1</sourceID> <deviceType>Smartphone</deviceType> <manufacturer>Apple</manufacturer>

<model>iPhone 6S</model>  
<osName>iOS 11</osName>  
<osServicePack></osServicePack>  
<imeiEsn>355763072568722</imeiEsn> <installedDate>2017-12-08T07:53:53</installedDate> <lastReported>2017-12-08T07:53:54</lastReported> <installedDateInEpochms>1512719633199</installedDateInEpochms> <lastReportedInEpochms>1512719634449</lastReportedInEpochms> <deviceStatus>Active</deviceStatus> <maas360ManagedStatus>Enrolled</maas360ManagedStatus> <udid>647f87aaa8a9ede2cdf6773e886b18067232fbf5</udid> <wifiMacAddress>e4:9a:79:d7:0e:06</wifiMacAddress> <mailboxDeviceId></mailboxDeviceId> <mailboxLastReported></mailboxLastReported> <mailboxLastReportedInEpochms></mailboxLastReportedInEpochms> <mailboxManaged></mailboxManaged> <isSupervisedDevice>false</isSupervisedDevice>  
<testDevice>false</testDevice> <unifiedTravelerDeviceId>3UV2UD4GP564N3T67UD4AG50AS</unifiedTravelerDeviceId>

</device>  
<count>1</count> <pageNumber>1</pageNumber> <pageSize>1</pageSize>

</devices>

Possible values for SourceID:  
1: Device  
2: Messaging Server (Exchange Server/Lotus Notes)  
3: Device as well as Messaging Server (Exchange Server/Lotus Notes) 4: BES

Mandatory attributes in Response

* -  maas360DeviceID
* -  deviceName
* -  username
* -  platformName
* -  deviceType
* -  lastReported
* -  deviceStatus   
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Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device View - View Only

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**Basic Search (v2)**

Request  
GET /device-apis/devices/2.0/search/customer/<billingID>

Definition

* ❖  Search for devices by Device Name, Username, Phone Number, Platform, Device Status and other Device Identifiers
* ❖  Support for partial match for Device Name, Username, Phone Number
* ❖  Get results on specified pages of the Result-set
* ❖  Returns JSON as default response. Only when Accept header is set to application/xml, XML response is returned

Parameters

deviceStatus partialDeviceName partialUsername partialPhoneNumber udid

imeiMeid wifiMacAddress mailboxDeviceId platformName

excludeCloudExtenders maas360DeviceId

userDomain  
email maas360ManagedStatus

mailBoxManaged

mdmMailboxDeviceId

plcCompliance ruleCompliance appCompliance pswdCompliance

Optional Optional Optional Optional Optional Optional Optional Optional

Optional Optional

Optional Optional

Active or Inactive  
Partial (Starts with) or full Device Name string  
Partial (Starts with) or full Username string  
Partial (Starts with) or full Phone Number  
Full UDID of the device. Specific to iOS devices  
Full IMEI or MEID of the device  
Full Wi-Fi Mac Address of the device  
Full ActiveSync ID of the device  
Windows  
Mac  
iOS  
BlackBerry  
Android  
Windows Mobile  
Symbian  
Windows Phone 7  
Others  
Possible values: Yes (Default), No  
Full MaaS360 Device ID string that needs to be searched for  
Full User domain string that needs to be searched for Full Email address string that needs to be searched fo Possible values:

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image

|  |
| --- |
| Optional |
| Optional |

Optional

Optional Optional Optional Optional

* -  Inactive
* -  Activated
* -  Control Removed
* -  Pending Control Removal
* -  User Removed Control
* -  Not Enrolled
* -  Enrolled   
  Possible values:
* -  ActiveSync
* -  Domino
* -  BES
* -  GmailSync   
  Full ActiveSync Device ID of the device reported by MDM  
  Possible values: OOC, ALL (Default)  
  Possible values: OOC, ALL (Default)   
  Possible values: OOC, ALL (Default) Possible values: OOC, ALL (Default)

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**27**

Image Image Image

selectiveWipe installedAfter lastReportedAfter operator

match pageSize

pageNumber billingID sortAttribute

sortOrder

Sample Request

Optional Optional Optional Optional

Optional Optional

Optional Required Optional

Optional

Possible values: NOTAPPLIED, PENDING, COMPLETE Installed date after  
Last reported date after  
Operator to be used between various criteria. Default value = “AND”

0 indicates Partial match for Device Name, Username, Phone Number – This is the default value  
1 indicates Exact match  
Limit number of devices returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 250

Results specific to a particular page. Default is first page  
Billing ID of the account for which the web-service is being executed

Possible values:

* -  lastReported (Default)
* -  installedDate   
  Possible values:
* -  asc
* -  dsc (Default)

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device- apis/devices/2.0/search/customer/1101234?deviceStatus=Active&partialDeviceName=BBFL&partialUsern ame=lind&partialPhoneNumber=99005&platformName=Windows&operator=OR&match=0&pageSize=25&p ageNumber=2*

Sample Response

<device> <maas360DeviceID>ApplIOS100520133634\_00</maas360DeviceID> <deviceName>IOS100520133634\_00</deviceName> <customAssetNumber></customAssetNumber>  
<ownership>Not Defined</ownership> <deviceOwner></deviceOwner> <username>STO\_94974\_100520133638</username> <emailAddress>testflk@fiberlink.com</emailAddress> <platformName>iOS</platformName>  
<sourceID>1</sourceID>  
<deviceType>Smartphone</deviceType> <manufacturer>Apple</manufacturer>  
<model>iPhone 8</model>  
<osName>iOS 12</osName>  
<osServicePack></osServicePack> <imeiEsn>012159007729114</imeiEsn> <installedDate>2020-05-10T17:38:44</installedDate> <lastReported>2020-05-10T17:40:26</lastReported> <installedDateInEpochms>1589132324379</installedDateInEpochms> <lastReportedInEpochms>1589132426667</lastReportedInEpochms> <deviceStatus>Active</deviceStatus> <maas360ManagedStatus>Enrolled</maas360ManagedStatus> <udid>afe9a589-02bf-4414-ba32-50c791a61b8a</udid> <wifiMacAddress>ts:83:78:2b:lu:8o</wifiMacAddress> <mailboxDeviceId></mailboxDeviceId> <mailboxLastReported></mailboxLastReported> <mailboxLastReportedInEpochms></mailboxLastReportedInEpochms> <mailboxManaged></mailboxManaged> <isSupervisedDevice>false</isSupervisedDevice>

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<testDevice>false</testDevice> <unifiedTravelerDeviceId>ApplIOS100520133634\_00</unifiedTravelerDeviceId> <phoneNumber>+919845378610</phoneNumber>  
<osVersion>12.0.1 (8A400)</osVersion> <enrollmentMode>ENROLLMENT</enrollmentMode> <platformSerialNumber>IOS100520133634\_00</platformSerialNumber> <userDomain>ibm</userDomain> <firstRegisteredInEpochms>1589132324379</firstRegisteredInEpochms> <lastRegisteredInEpochms>1589132324379</lastRegisteredInEpochms> <lastMdmRegisteredInEpochms>1589132324617</lastMdmRegisteredInEpochms> <policyComplianceState>In Compliance</policyComplianceState> <appComplianceState>In Compliance</appComplianceState> <ruleComplianceState></ruleComplianceState> <selectiveWipeStatus>N/a</selectiveWipeStatus>  
<jailbreakStatus>Not Available</jailbreakStatus> <encryptionStatus>File-level</encryptionStatus> <passcodeCompliance>Compliant</passcodeCompliance> <mdmMailboxDeviceId></mdmMailboxDeviceId>  
</device>  
<count>1</count>  
<pageNumber>1</pageNumber>  
<pageSize>1</pageSize></devices>

Sample Response (JSON)

{  
"devices": {

"device": {  
"maas360DeviceID": "Android9259e0dc4313df19", "deviceName": "smadala-Moto G (4)", "customAssetNumber": "",  
"ownership": "Corporate Owned",  
"deviceOwner": "",  
"username": "smadala",  
"emailAddress": "shimadal@in.ibm.com", "platformName": "Android",  
"sourceID": 1,  
"deviceType": "Smartphone",  
"manufacturer": "motorola",  
"model": "Moto G (4)",  
"osName": "Android 7.0 (NPJS25.93-14-18)", "osServicePack": "",  
"imeiEsn": 358223072695451,  
"installedDate": "2020-05-23T13:20:40",  
"lastReported": "2020-06-09T08:56:13", "installedDateInEpochms": 1590240040152, "lastReportedInEpochms": 1591692973366, "deviceStatus": "Active",  
"maas360ManagedStatus": "User Removed Control", "udid": "Android9259e0dc4313df19",  
"wifiMacAddress": "68:c4:4d:71:80:04", "mailboxDeviceId": "",  
"mailboxLastReported": "", "mailboxLastReportedInEpochms": "", "mailboxManaged": "",  
"isSupervisedDevice": false,  
"testDevice": false,  
"unifiedTravelerDeviceId": "Android9259e0dc4313df19", "phoneNumber": "",  
"osVersion": 7,  
"enrollmentMode": "ENROLLMENT",

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"platformSerialNumber": "ZY223HTRDB", "userDomain": "ibm", "firstRegisteredInEpochms": 1590240040152, "lastRegisteredInEpochms": 1590240040152, "lastMdmRegisteredInEpochms": 1590240040252, "policyComplianceState": "In Compliance", "appComplianceState": "In Compliance", "ruleComplianceState": "", "selectiveWipeStatus": "Pending", "jailbreakStatus": "No",

"encryptionStatus": "No Encryption", "passcodeCompliance": "Compliant", "mdmMailboxDeviceId": ""

},  
"count": 1, "pageNumber": 1, "pageSize": 1

} }

Possible values for SourceID:  
1: Device  
2: Messaging Server (Exchange Server/Lotus Notes)  
3: Device as well as Messaging Server (Exchange Server/Lotus Notes) 4: BES

Mandatory attributes in Response

* -  maas360DeviceID
* -  deviceName
* -  username
* -  platformName
* -  deviceType
* -  lastReported
* -  deviceStatus   
  Access Control
* -  Customer Properties: Enable Device View
* -  Access Rights: Device View - View Only

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**Get Core Attributes**

Request  
GET /device-apis/devices/1.0/core/<billingID>

Definition

❖ Get core attributes of a device  
❖ Uses MaaS360 Device ID (CSN) of the device for querying

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/core/1101234?deviceId=a2e13f* Sample Response

<device>  
<maas360DeviceID>a2e13f</maas360DeviceID> <deviceName>BBFLLT3337</deviceName> <customAssetNumber>09026</customAssetNumber> <ownership>Employee Owned</ownership>  
<deviceOwner>Stephen Murphy</deviceOwner> <username>smurphy</username> <emailAddress>smurphy@example.com</emailAddress> <platformName>Windows</platformName>  
<sourceID>1</sourceID>  
<deviceType>Laptop</deviceType> <manufacturer>Lenovo</manufacturer>  
<model>T400</model>  
<osName>Microsoft Windows XP</osName> <osServicePack>SP2</osServicePack> <imeiEsn>3456789019202019</imeiEsn> <wifiMacAddress>09:AB:12:12:21:13</wifiMacAddress> <udid>8e380a56a937cce81620b143359d3404498dd638</udid> <unifiedTravelerDeviceId>ApplCCQK66E7F4JR</unifiedTravelerDeviceId> <installedDate>2016-09-28T10:53:10</installedDate> <lastReported>2016-10-09T04:01:37</lastReported> <deviceStatus>Active</deviceStatus>  
<maas360ManagedStatus>Not Enrolled</maas360ManagedStatus> <mailboxManaged>ActiveSync Managed</mailboxManaged> <mailboxDeviceID>Appl1234567</mailboxDeviceID> <mailboxLastReported>2016-10-09T04:01:37</mailboxLastReported>

</device>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  deviceName
* -  username
* -  platformName
* -  deviceType
* -  lastReported
* -  deviceStatus   
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|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device View - View Only

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**Get Summary Attributes**

Request  
GET /device-apis/devices/1.0/summary/<billingID>

Definition

❖ Get summary attributes of a device  
❖ Uses MaaS360 Device ID (CSN) of the device for querying

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/summary/1101234?deviceId=a2e13f*

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

Sample Response

<deviceSummary> <maas360DeviceId>a2e13f</maas360DeviceId> <deviceAttributes>

<deviceAttribute> <key>isOnline</key>

<type>Boolean</type>

<value>Yes</value> <deviceAttribute>

</deviceAttributes> </deviceSummary>

Mandatory attributes in Response

* -  maas360DeviceId
* -  key
* -  type   
  Various Device Attributes Platform = 1 (Windows)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Manufacturer Model  
Physical Memory Installed (MB) Free Space On System Drive(%) Operating System Office/Location

Anti-Virus Status Anti-Virus Definition Date  
Anti-Spyware Status Personal Firewall Status

String String Integer

Percentage

String String

String Date

String String

IBM  
ThinkPad T42 1024

64.97 %

Microsoft Windows XP Bangalore

Not Detected 2010-12-30

Not Detected Not Detected

Hardware Hardware Hardware

Hardware

Hardware Hardware

Security Security

Security Security

10 20 30

40

50 60

10 20

30 40

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**33**

Image Image Image Image Image

Encryption Status Last Backup Microsoft Auto- Update Status Missing Critical Security Patches

Service Package Installed Date (GMT)

Platform = 2 (Mac)

Manufacturer Model  
Physical Memory Installed (MB) Free Space On System Drive(%) Operating System Office/Location

Service Package Installed Date (GMT)

String Date String

Integer

String Timestamp

String String Integer

Percentage

String String

String Timestamp

Not Detected 2010-12-30 Disabled

10

Operational Visibility 2010-11- 30T05:52:53.011+00:00

IBM  
ThinkPad T42 1024

64.97 %

Microsoft Windows XP Bangalore

Operational Visibility 2010-11- 30T05:52:53.011+00:00

2016-10-05T09:25:44

smurphy@example.com IBM  
ThinkPad T42  
Microsoft Windows XP Bangalore RoadSync-Android/2.502 354957034059348

Security Security Security

Security

MaaS360 Services MaaS360 Services

Hardware Hardware Hardware

Hardware

Hardware Hardware

MaaS360 Services MaaS360 Services

Hardware

Hardware Hardware Hardware Hardware Hardware Hardware Hardware

Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance

50 60 70

80

10 20

10 20 30

40

50 60

10 20

10

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30

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70

80

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40

50

60

70

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Source = 2 & Any Platform value

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Installed Date (GMT)  
Email Address Manufacturer Model  
Operating System Default Language ActiveSync Agent ActiveSync Device ID

Exchange Approval State  
Remote Wipe Support

Device Wiped

Last Wipe Applied Date (GMT) Exchange ActiveSync Policy Last Policy Updated Date (GMT)

Device Passcode Status

Timestamp

String String String String String String String

String String String Timestamp String Timestamp String

Quarantined  
Yes  
Pending 2010-11-30T05:52:53.011+00:00 9.3 Exchange 2016-10-09T03:26:08

Passcode Policy Not Configured

Apple iPhone 3Gs iOS4  
10.25

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Source = 1 or 3 & Platform = 3 (iOS)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Manufacturer Model  
Operating System Free Internal Storage (GB)

String String String Integer

Hardware 10 Hardware 20 Hardware 30 Hardware 40

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**34**

Image Image Image Image Image

Apple Serial Number  
Ownership Exchange Activated Email Address

Phone Number

ICCID

Roaming

International Data Roaming Enabled Home Carrier

Current Carrier

MDM Policy

Device Passcode Status  
Hardware Encryption Exchange Approval State

Source = 4 (BES)

PIN  
Model  
Operating System Version Ownership  
Test Device Email Address

Phone Number ICCID  
Home Carrier Current Carrier

Last Time Message Received by Device Last Time Message Sent from Device

BES Policy Name

Policy Compliance State  
Device Passcode Status User-Device Configuration

String

String String String

String String String String String String

String String String String

String String String

String Boolean String

String String String String

Timestamp Timestamp

String String String String

86019B093NQ

Corporate Owned  
Yes smurphy@example.com

09742040039  
8991 8600 4420 2837 752 No  
Enabled  
Vodafone  
Vodafone

General Policy - vipin (5) Compliant  
Block-level & File-level Approved

22100AB1 Curve 8900 6.0.0.284

Corporate Owned  
Yes smurphy@example.com

09742040039  
8991 8600 4420 2837 752 Vodafone  
Vodafone

2010-11-30T05:52:53 2010-11-30T05:52:53

General Policy - vipin (5) In-Compliance Compliant  
Default Configuration

Hardware

Hardware Hardware Hardware

Network Information Network Information Network Information Network Information Network Information Network Information

Security & Compliance Security & Compliance Security & Compliance Security & Compliance

Hardware Hardware Hardware

Hardware Hardware Hardware

Network Information Network Information Network Information Network Information

Messaging History Messaging History

Security & Compliance Security & Compliance Security & Compliance Security & Compliance

50

60 70 80

10

20

30

40

50

60

10 20 30 40

10 20 30

40 45 50

10 20 30 40

10 20

10 20 30 40

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Source = 1 or 3 and Platform = 5 (Android)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

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**35**

Image Image Image Image Image

Manufacturer Model  
Operating System Total Free Storage (GB)

Device Serial Number  
Ownership  
Test Device Exchange Activated Email Address

Phone Number

SIM

Roaming

International Data Roaming Enabled Home Carrier

Current Carrier

MDM Policy

Policy Compliance State  
Device Rooted

Background Data Sync Enabled Device Passcode Status

Exchange Approval State

String String String Integer

String

String Boolean String String

String String String String String String

String String String String String String

Apple iPhone 3Gs iOS4  
10.25

86019B093NQ

Corporate Owned  
Yes  
Yes smurphy@example.com

09742040039  
8991 8600 4420 2837 752 No  
Enabled  
Vodafone  
Vodafone

General Policy - vipin (5) In-Compliance  
No  
No

Compliant Approved

Hardware Hardware Hardware Hardware

Hardware

Hardware Hardware Hardware Hardware

Network Information Network Information Network Information Network Information Network Information Network Information

Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance

Hardware Hardware Hardware Hardware

Hardware

Hardware Hardware Hardware Hardware

Network Information Network Information Network Information Network Information Network Information Network Information

10 20 30 40

50

60 65 70 80

10

20

30

40

50

60

10

20

30

40

50

60

10 20 30 40

50

60 65 70 80

10

20

30

40

50

60

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Source = 1 or 3 and Platform = 7 (Symbian)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Manufacturer Model  
Operating System Total Free Storage (GB)

Device Serial Number  
Ownership  
Test Device Exchange Activated Email Address

Phone Number

SIM

Roaming

International Data Roaming Enabled Home Carrier

Current Carrier

String String String Integer

String

String Boolean String String

String String String String String String

Apple iPhone 3Gs iOS4  
10.25

86019B093NQ

Corporate Owned  
Yes  
Yes smurphy@example.com

09742040039  
8991 8600 4420 2837 752 No  
Enabled  
Vodafone  
Vodafone

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**36**

Image Image Image Image Image

Device Passcode Status Hardware Encryption

Data Backup Enabled

String String String

Compliant No  
No

Security & Compliance Security & Compliance Security & Compliance

10 20 30

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device View - View Only

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**37**

**Get Hardware Inventory**

Request  
GET /device-apis/devices/1.0/hardwareInventory/<billingID>

Definition

❖ Get hardware inventory attributes of a device  
❖ Uses MaaS360 Device ID (CSN) of the device for querying

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/hardwareInventory/1101234?deviceId=a2e13f*

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

Sample Response

<deviceHardware> <maas360DeviceId>a2e13f</maas360DeviceId> <deviceAttributes>

<deviceAttribute> <key>Manufacturer</key>

<type>String</type>

<value>Dell Inc</value> <deviceAttribute>

</deviceAttributes> </deviceHardware>

Mandatory attributes in Response

* -  maas360DeviceId
* -  key
* -  type   
  Various Device Attributes Platform = 1 (Windows)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Manufacturer Model  
Model ID  
Device Type Motherboard Serial Number

BIOS Serial Number BIOS Date Processor

Physical Memory Installed (MB) WMI Status  
Test Device

OS Username User Access Level

String String String String String

String Date String

Integer

String String String String

IBM  
ThinkPad T42  
Latitude E5500  
Laptop .2F5NXG1.CN7016695D0003.

2F5NXG1  
30/07/2010  
Intel(R) Core(TM)2 Duo CPU T9550 @ 2.66GHz  
4 GB

Running  
No  
Jdoe Administrator

Hardware Hardware Hardware Hardware Hardware

Hardware Hardware Hardware

Hardware

Hardware Hardware Hardware Hardware

10 20 30 40 50

60 70 80

90

100

110

120

130

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**38**

Image Image Image Image Image

CD/DVD Name Local Timezone

Number of Drives Total Drive Size (GB)  
Total Free Space (GB)

Operating System OS Edition Service Pack  
OS Architecture Version

Default OS Language Microsoft Auto- Update Status

Platform = 2 (Mac)

Manufacturer  
Model  
Model ID  
Device Type  
Boot Rom Version SMC Version Manufactured Date Apple Serial Number UDID

Processor Physical Memory Installed (MB)  
OS Username User Access Level Local Timezone

Number of Drives Total Drive Size (GB) Total Free Space (GB)

Operating System OS Architecture Version  
Default OS Language

String String

Integer Float

Float

String String String String String String String

String String String String String String Date String String

String Integer

String String String

Integer Float Float

String String String String

HL-DT-ST DVD+-RW GT10N ATA Device  
(UTC-05:00) Eastern Time (US & Canada)

2 160

25

Microsoft Windows 7 Enterprise Edition SP1  
32 bit

6.1.7600  
English - United States Automatically download and install patches

Apple  
MacBook Pro  
MacBook Pro 4,1  
Laptop  
MBP41.00c1.b03  
1.27f2  
2/10/2009  
W88341H6YJX 9D86CFF6-5FD8-5E49-81C3- BD1F7BEB5947  
2000 MHz Core 2  
2048

Jdoe  
Administrator  
(GMT+5:30) Chennai, Kolkata, Mumbai, New Delhi  
2  
160  
25

Mac OS X Leopard  
32 bit  
10.5.1  
English - United States

IBM  
ThinkPad T42 Smartphone  
Microsoft Windows XP Bangalore RoadSync-Android/2.502 354957034059348

Hardware Hardware

Hardware Hardware

Hardware

Operating System Operating System Operating System Operating System Operating System Operating System Operating System

Hardware Hardware Hardware Hardware Hardware Hardware Hardware Hardware Hardware

Hardware Hardware

Hardware Hardware Hardware

Hardware Hardware Hardware

Operating System Operating System Operating System Operating System

Hardware Hardware Hardware Hardware Hardware Hardware Hardware

140 150

160 170

180

10

20

30

40

50

60

70

10

20

30

40

50

60

70

80

90

100 110

120 130 140

150 160 170

10 20 30 40

10

20

30

40

50

60

70

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Source = 2 & Any Platform value

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Manufacturer Model  
Device Type Operating System Default Language ActiveSync Agent ActiveSync Device ID

String String String String String String String

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Source = 1 or 3 & Platform = 3 (iOS)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

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**39**

Image Image Image Image Image

Manufacturer Model  
Model ID Device Type Email Address Apple Serial Number

UDID  
Operating System Operating System Version  
Modem Firmware Version Activation Date (GMT)  
Total Internal Storage (GB) Free Internal Storage (GB) Application Data (GB)

String String String String String String

String String String

String Timestamp Float  
Float

Float

Apple  
iPhone 3Gs  
MC610LL  
Smartphone *jballengee@maas360dz.com* 830340GWA4T

2a7e5207dc46949bdbe iOS4  
4.2.1 (8C148)

03.10.01 2016-10-10T04:44:45 29.06 GB  
10.25  
372 MB

Hardware Hardware Hardware Hardware Hardware Hardware

Hardware Hardware Hardware

Hardware Hardware Hardware Hardware Hardware

Hardware Hardware Hardware Hardware

Hardware Hardware Hardware Hardware

Hardware Hardware

Hardware

Hardware

Hardware

Hardware

Hardware Hardware Hardware Hardware Hardware Hardware

Operating Operating

Operating

Operating Operating Operating

10

20

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40

50

60

70 80 90

100

110

120

130

140

10 20 30 40

50 60 70 80

90 100

110

120

130

140

150

160

170

180

190

200

10 20

30

40 50 60

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Source = 1 or 3 and Platform = 5 (Android)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Manufacturer Model  
Device Type Device Serial Number  
Email Address Processor Name Processor Speed Number of Processor Cores RAM (MB)

Total Internal Storage (GB) Free Internal Storage (GB) Total External Storage (GB) Free External Storage (GB) Application Data (MB)

Screen Resolution Screen Language Screen Width Battery Level Battery Condition Timezone

Operating System Operating System Version  
Kernel Version

API Level Baseband Version Build Number

Source = 4 (BES)

String String String String

String String String String

Float Float

Float

Float

Float

Float

String String Float Float String String

String String

String

String String String

Samsung SCH-I800 Smartphone ABCDEFGH

vhetrick@maas360dz.com ARM  
1 Ghz  
2

500 10

5

30

5

1010

600\*1024  
English  
7.0  
50%  
Good  
GMT-05:00, Eastern Standard Time

Android 2.2 (FROYO) 2.2

2.6.32.9 root@sep-40 #3 Tue Oct 12 21:33:42 KST 2010  
8  
S:I800.0.3V.DJ11

FROYO.DJ11

System System

System

System System System

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

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**40**

Image Image Image Image Image

Manufacturer Model  
Device Type PIN

Email Address Operating System Operating System Version

Software Platform Version  
Secured Boot ROM Total Memory (MB) Available Memory (MB)

Activation Date (GMT)  
Screen Resolution Screen Language Battery Level (%)

String String String String String String String

String

String String String

Timestamp

String String Integer

22100AB1  
Curve 8900 Smartphone  
22100AB1 smurphy@example.com BlackBerry 6

6.0.0.284

6.4.0.120

Yes 512 32

2010-11-30T05:52:53

320 \* 480 EN (US) 39

Hardware Hardware Hardware Hardware Hardware Hardware Hardware

Hardware

Hardware Hardware Hardware

Hardware

Hardware Hardware Hardware

10

20

30

40

50

60

70

80

90 100 110

120

130 140 150

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device View - View Only

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**41**

**Get Device Identity Attributes**

Request  
GET /device-apis/devices/1.0/identity/<billingID>

Definition

❖ Get all predefined Device identity attributes as well as custom attributes of a device. Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/identity/1101234?deviceId=a2e13f*

Sample Response

<deviceIdentity>  
<maas360DeviceID>a2e13f</maas360DeviceID> <customAssetNumber>BL1200</customAssetNumber>  
<owner>Jim James</owner>  
<ownership>Corporate Owned</ownership>  
<vendor>Staples Inc</vendor>  
<poNumber>100May2010</poNumber> <purchaseType>Direct</purchaseType> <purchaseDate>2016-10-03T00:00:00</purchaseDate> <purchasePrice>100</purchasePrice> <warrantyNumber>10001</warrantyNumber> <warrantyExpirationDate>2016-10-13T00:00:00</warrantyExpirationDate> <warratyType>24\*7</warratyType>  
<office>Blue Bell</office>  
<department>Sales</department>  
<CustomAttributes>

<customAttribute>  
<customAttributeName>Business Unit</customAttributeName> <customAttributeValue>Healthcare</customAttributeName>

</customAttribute>  
</CustomAttributes>  
<comments>”Some comments come here”</comments>

</deviceIdentity>  
Mandatory attributes in Response

- maas360DeviceID Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device Views – View Only   
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|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

**Get Software Installed**

Request  
GET /device-apis/devices/1.0/softwareInstalled/<billingID>

Definition

❖ Get softwares installed for a device  
❖ Uses MaaS360 Device ID (CSN) of the device for querying

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/softwareInstalled/1101234?deviceId=a2e13f*

Sample Response

<deviceSoftwares> <deviceID>a2e13f</deviceID>

<lastSoftwareDataRefreshDate>2016-10-10T00:00:00</lastSoftwareDataRefreshDate> <devicesw>

<swName>Angry Birds</swName> <swAttrs>

<swAttr>  
<key>Application ID</key>

<type>String</type> <value>com.angrybirds.com</value> <displayOrder>10</displayOrder>

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

</swAttr> </swAttrs>

</devicesw> </deviceSoftwares>

Mandatory attributes in Response

* -  maas360DeviceID
* -  lastSoftwareDataRefreshDate
* -  swName
* -  key
* -  type
* -  value   
  Various Software Attributes Platform = 1 (Windows)

|  |  |  |
| --- | --- | --- |
| Key | Type | Example Value |

Application Vendor Full Version Installed Date

Platform = 2 (Mac)

String String Date

Adobe  
10.1 05/15/2010

Image Image Image Image Image Image Image Image Image

|  |  |  |
| --- | --- | --- |
| Key | Type | Example Value |

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Image Image Image

Full Version String

Source = 2 & Any Platform value  
Not valid. No attributes are returned.

Source = 1 or 3 & Platform = 3 (iOS)

Application ID Version  
File Size AppDataSize Manage Status

5.2

Com.angrybirds 1.3  
30  
50

Image Image Image

|  |  |  |
| --- | --- | --- |
| Key | Type | Example Value |

String String Float Float String

Image Image Image Image Image Image Image Image Image Image Image Image

Installed By MDM Source = 1 or 3 and Platform = 5 (Android)

Image Image Image

|  |  |  |
| --- | --- | --- |
| Key | Type | Example Value |

App ID  
Full Version Application Size (MB)  
Data Size (MB) Install Location

Source = 4 (BES)

Vendor  
Full Version

String String Float

Float String

String String

Com.angrybirds 2.1  
30

50  
Internal Storage

BlackBerry 6.0

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

|  |  |  |
| --- | --- | --- |
| Key | Type | Example Value |

Image Image Image Image Image Image

Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device Views – View Only

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**Get Security & Compliance Information for a Mobile Device**

Request  
GET /device-apis/devices/1.0/mdSecurityCompliance/<billingID>

Definition

❖ Get Security & Compliance attributes for a Mobile Device ❖ Uses MaaS360 Device ID (CSN) of the device for querying

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/mdSecurityCompliance/1101234?deviceId=a2e13f*

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

Sample Response

<securityCompliance> <maas360DeviceID>a2e13f</maas360DeviceID> <complianceAttributes>

<complianceAttribute> <key>Device Wiped</key>

<type>String</type>

<value>Not Applied</value> <complianceAttribute>

</complianceAttributes> </securityCompliance>

Mandatory attributes in Response

* -  maas360DeviceID
* -  key
* -  type   
  Various Device Attributes   
  Platform = 1 (Windows) -   
  Platform = 2 (Mac) -   
  Source = 2 & Any Platform value

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Mailbox Approval State  
Remote Wipe Support

Device Wiped

Last Wipe Applied Date (GMT) Exchange ActiveSync Policy

String String String Timestamp String

Approved  
Not Available  
Not Applied 28/03/2011 10:12 Default

Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance

10 20 30 40 50

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**45**

Image Image Image Image Image

Last Policy Updated Date (GMT)  
Device Passcode Status

Timestamp String

2016-10-10T06:14:03  
Passcode Policy Not Configured

Yes  
2016-10-10T04:53:46  
Compliant  
Block-level & File-level Example Corp IOS (6) 28/03/2011 16:10  
Default  
In Compliance  
Email Profile Not Configured Person Policy number 3  
Named ruleset Out-of-Compliance  
Minimum Version Check Not Met Pending  
28/03/2011 16:10  
Not Applied  
28/03/2011 16:10  
Approved  
Yes  
Yes  
Yes  
Yes  
Yes  
Yes  
Yes

Security & Compliance Security & Compliance

Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Device Restrictions Device Restrictions Device Restrictions Device Restrictions Device Restrictions Device Restrictions Device Restrictions

Device Security Status  
Device Security Status

60 70

10

20

30

40

50

60

65

70

80

81

82

85

86

90

100

104

105

110

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50

60

70

10 20

Image Image Image Image Image Image Image Image Image Image

Source = 1 or 3 & Platform = 3 (iOS)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Device Jailbroken

Jailbreak Detection Date (GMT)  
Device Passcode Status

Hardware Encryption MDM Policy

Last MDM Policy Update Date (GMT) Last MDM Policy Update Source Policy Compliance State Out-of-Compliance Reasons (Policies) Effective Workplace Persona Policy Compliance Ruleset

Rule Compliance Status Out-of-Compliance Reasons (Rules) Device Wiped

Last Wipe Applied Date (GMT) Selective Wipe

Last Selective Wipe Applied Date (GMT) Mailbox Approval State

Allow Installing of Applications Allow Use of Camera

Allow Screen Capture  
Allow User of Safari

Allow Use of YouTube  
Allow User of iTunes Music Store Allow Explicit Music and Podcasts

String Timestamp String String String Timestamp String String String String String String String String Timestamp String Timestamp String String String String String String String String

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Source = 1 or 3 and Platform = 5 (Android)

|  |  |  |  |  |
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| Key | Type | Example Value | Display Section | Display Order |

Device Rooted

Hardware Encryption

String String

Yes  
No Encryption

Image Image Image Image Image Image Image Image Image Image

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**46**

Image Image Image Image Image

Lock SIM Card

Device Wiped

Last Wipe Applied Date (GMT) Selective Wipe

Last Selective Wipe Applied Date (GMT) MDM Policy Name

Policy Version

Last MDM Policy Update Date (GMT) Last MDM Policy Update Source Policy Compliance State Out-of-Compliance Reasons (Policies) Effective Workplace Persona Policy Compliance Ruleset

Rules Compliance Status Out-of-Compliance Reasons (Rules) Settings Configured

Settings Failed to Configure  
Other Device Administration Solutions

Device Passcode Status  
Minimum Passcode Length

Passcode Quality Number of Complex Characters Required Passcode History Maximum Passcode Age (days) Maximum Failed Password Attempts Maximum Time to Lock (min)

One Lock Status Passcode Complexity

Background Data Sync Enabled Auto-Sync Enabled

Allow installation of Non-Market Apps Allow Mock Locations

String

String Timestamp String Timestamp String String Timestamp String String String String String String String String String String

String Integer

String Integer

String String

String String

String String

String String

String String

Yes

Device Security Status

Policy & Compliance Policy & Compliance Policy & Compliance Policy & Compliance Policy & Compliance Policy & Compliance Policy & Compliance Policy & Compliance Policy & Compliance Policy & Compliance Security & Compliance Security & Compliance Policy & Compliance Policy & Compliance Policy & Compliance Policy & Compliance Policy & Compliance

Passcode Settings Passcode Settings

Passcode Settings Passcode Settings

Passcode Settings Passcode Settings

Passcode Settings Passcode Settings

Passcode Settings Passcode Settings

Accounts and Sync Accounts and Sync

Application Settings Application Settings

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90 100

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10 20

Image Image Image Image Image Image Image Image Image Image

Pending 2010-11-30T05:52:53 Pending 2010-11-30T05:52:53 Corporate Policy  
2  
2010-11-30T05:52:53 Manual  
In Compliance  
Passcode Not Enabled Person Policy number 3 Named ruleset Out-of-Compliance Minimum Version Check Exchange profile configured Exchange profile  
Email

Compliant 4

Numeric 4

10 365

10 10

Yes Low

Yes Yes

Yes Yes

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Not Met

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**47**

Image Image Image Image Image

Automatic Data Backup to Google Servers Enabled Automatic Restore from Data Backup on Application Reinstall

Visible Passwords

Camera Present GPS Present Bluetooth Enabled Near Field Communication (NFC) Enabled

Source = 4 (BES)

Hardware Encryption

Encryption Algorithms Supported Auto-Backup Configured Auto-Backup Frequency

Last Successful Backup Time Auto-Backup Exclusions Device Wiped

Last Wipe Applied Time (GMT)  
BES Policy Name

Last Policy Update Date (GMT)  
Policy Compliance State

Allow User to install applications  
Device Passcode Status

User-Device Configuration

String String

String

String String String String

String String String String Timestamp String String Timestamp String Timestamp String String String String

Yes Yes

Yes

Yes Yes Yes Yes

Fully Encrypted  
Triple DES  
Yes  
Daily 2010-11-30T05:52:53 Messages

Pending 2010-11-30T05:52:53 Std. Corporate Policy 1.0 2010-11-30T05:52:53 In Compliance  
Yes  
Enabled  
Default Configuration

Application Settings

Application Settings

Application Settings

Device Features Device Features Device Features Device Features

Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance Security & Compliance

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| Key | Type | Example Value | Display Section | Display Order |

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Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device Views – View Only

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**48**

**Get Enabled MaaS360 Services for a Device**

Request  
GET /device-apis/devices/1.0/getEnabledMaaS360Services/{billingId}/

Definition

❖ Returns all the MaaS360 services enabled on a device  
❖ Supported for iOS, Android and Windows Phone MDM device ❖ Uses MaaS360 Device ID (CSN) of the device for querying

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/getEnabledMaaS360Services /1101234?deviceId=a2e13f*

Sample Response

<enabledServices> <service>Browser</service>

<service>MaaS360 Gateway for Browser</service> </enabledServices>

Mandatory attributes in Response - service

Possible MaaS360 Services

* -  App Catalog
* -  CMIS MaaS360 Enterprise Gateway
* -  CMIS Resources
* -  Contextual Rules
* -  Corporate Docs
* -  Corporate Sharepoint Access
* -  Enable URL Filtering in Secure Browser
* -  IBM Connection MaaS360 Enterprise Gateway
* -  IBM Connections
* -  Kiosk
* -  Knox
* -  Location Tracking
* -  MEG Docs
* -  Mobile Expense Management
* -  Privacy Settings
* -  Public Cloud integration for Docs
* -  Remote Control
* -  Secure Browser
* -  Secure Browser Gateway
* -  Secure Browser MaaS360 Enterprise Gateway
* -  Secure Editor for Docs
* -  Secure Gateway for Internal SharePoint
* -  Secure Mail
* -  Secure Viewer
* -  Sevices
* -  Sharepoint MaaS360 Enterprise Gateway   
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| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

* -  Trusteer Malware
* -  User Sync
* -  User Sync For Laptops
* -  Windows File Share
* -  Windows FileShare MaaS360 Enterprise Gateway
* -  Workplace SDK MaaS360 Enterprise Gateway   
  Access Control
* -  Customer Properties: Enable Device View
* -  Access Rights: Device Views – View Only

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**Get Network Information for a Mobile Device**

Request  
GET /device-apis/devices/1.0/mdNetworkInformation/<billingID>

Definition

❖ Get network information for a device  
❖ Relevant for iOS MDM, Android MDM devices and BES devices only ❖ Uses MaaS360 Device ID (CSN) of the device for querying

Parameters

billingID Required deviceId Required

Sample Request

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device- apis/devices/1.0/mdNetworkInformation/1101234?deviceId=a2e13f*

Sample Response

<maas360DeviceID>ApplF17R9GAGGRY5</maas360DeviceID> <deviceAttributes>

<deviceAttribute> <key>IP Address</key> <type>String</type> <value></value>

</deviceAttribute> <deviceAttribute>

<key>Last Connection Date</key> <type>String</type> <value></value>

</deviceAttribute> <deviceAttribute>

<key>SSID</key> <type>String</type> <value></value>

</deviceAttribute> <deviceAttribute>

<key>Subnet Mask</key> <type>String</type> <value></value>

</deviceAttribute> <deviceAttribute>

<key>MAC Address</key> <type>String</type> <value></value>

</deviceAttribute> <deviceAttribute>

<key>Data Roaming</key> <type>String</type> <value>Disabled</value>

</deviceAttribute> <deviceAttribute>

<key>Voice Roaming</key> <type>String</type>

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<value>Disabled</value> </deviceAttribute> <deviceAttribute>

<key>Phone Number</key> <type>String</type> <value>+12153179338</value>

</deviceAttribute> <deviceAttribute>

<key>ICCID</key>  
<type>String</type>  
<value>8901 4103 2876 5915 8665</value>

</deviceAttribute> <deviceAttribute>

<key>Roaming</key> <type>String</type> <value>Yes</value>

</deviceAttribute> <deviceAttribute>

<key>International Data Roaming</key> <type>String</type> <value>Disabled</value>

</deviceAttribute> <deviceAttribute>

<key>Home Carrier</key> <type>String</type> <value>A T&amp;T</value>

</deviceAttribute> <deviceAttribute>

<key>Current Carrier</key> <type>String</type> <value>Not Available</value>

</deviceAttribute> <deviceAttribute>

<key>Home Country</key> <type>String</type>  
<value>United States of America</value>

</deviceAttribute> <deviceAttribute>

<key>Current Country</key> <type>String</type> <value>India</value>

</deviceAttribute> <deviceAttribute>

<key>Current Network Type</key> <type>String</type>  
<value>Not Available</value>

</deviceAttribute> <deviceAttribute>

<key>Carrier Setting Version</key> <type>String</type> <value>29.1</value>

</deviceAttribute> <deviceAttribute>

<key>Wi-Fi Mac Address</key> <type>String</type> <value>e4:9a:79:d7:0e:06</value>

</deviceAttribute> <deviceAttribute>

<key>Bluetooth Mac Address</key> <type>String</type> <value>e4:9a:79:d7:0e:07</value>

</deviceAttribute>

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<deviceAttribute> <key>Current MCC</key> <type>String</type> <value>404</value>

</deviceAttribute> <deviceAttribute>

<key>Subscriber MCC</key> <type>String</type> <value>310</value>

</deviceAttribute> <deviceAttribute>

<key>Current MNC</key> <type>String</type> <value>86</value>

</deviceAttribute> <deviceAttribute>

<key>Subscriber MNC</key> <type>String</type> <value>410</value>

</deviceAttribute> </deviceAttributes>

</networkInformation> Mandatory attributes in Response

* -  maas360DeviceID
* -  key
* -  type   
  Various Device Attributes  
  Source = 1 or 3 & Platform = 3 (iOS)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Phone Number ICCID  
IMEI  
IMSI

Roaming

International Data Roaming  
Home Carrier

Current Carrier Home Country Current Country

Current Network Type  
Carrier Setting Version

Wi-Fi Mac Address

Bluetooth Mac Address

String String String String String String String String String String String String String String

21512312345

404862413367781

357168069683740

404719

Yes  
No  
Vodafone Vodafone  
UK  
UK  
GPRS  
12 B4-07-F9-98-C4-F9 B4-07-F9-98-C4-F9

Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information

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**53**

Source = 1 or 3 and Platform = 5 (Android)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Phone Number IMEI  
IMSI  
IMEI SIM2 ICCID

Roaming

Roaming Status SIM2  
International Data Roaming

Home Carrier Current Carrier Home Country Current Country Data Network

Current Network Type  
IMSI

Wi-Fi Mac Address

Bluetooth Mac Address

Source = 4 (BES)

Phone Number

ICCID

Home Carrier

Current Carrier

Supported Frequencies Current Network Type

Direct Connect ID

String String String String String String String String String String String String String String String String String

String String String String String String String

21512312345 357168069683740 404719 357168069683740 8991860024133677816 Yes

Yes  
No  
Vodafone Vodafone  
UK  
UK  
No  
GPRS 404862413367781 B4-07-F9-98-C4-F9 B4-07-F9-98-C4-F9

2156641782 8991101200003200000 A T&T  
A T&T  
GSM 850, GSM 900 GPRS  
123456

Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information Network Information

Network Information Network Information Network Information Network Information Network Information Network Information Network Information

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Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Access Control  
Customer Properties: Enable Device View

Access Rights: Device Views – View Only

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**54**

**Get Patch Information**

Request  
GET /device-apis/devices/1.0/getPatchInformation/<billingID>

Definition

❖ Get Patch Information for a device  
❖ Relevant for Windows and Mac computers only  
❖ View only Installed or Missing Patches or View only Security or Other Patches

Parameters

billingID Required

deviceId Required missingPatches Optional

securityPatches Optional Sample Request

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Return Missing Patches or Installed Patches

Possible values: 0 or 1 (Default value is 1). Return Security Patches or Other Patches Possible values: 0 or 1 (Default value is 1).

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device- apis/devices/1.0/getPatchInformation/1101234?deviceId=a2e13f&missingPatches=1&securityPatches=1*

Sample Response

<patchInformations> <maas360DeviceID>a2e13f</maas360DeviceID> <count>10</count> <missingPatches>1</missingPatches> <securityPatches>1</securityPatches> <patchInformation>

<patchName>MS10-074: Security Update for Windows 7 (KB2387149)</patchName> <patchCategory>Security</patchCategory>  
<vendor>Microsoft Corporation</vendor>  
<product>Windows 7</product>

<severity>Moderate</severity> <kbID>Q2387149*</kbID*> <bulletinID>MS10-074</bulletinID>

</patchInformation> <patchInformation> .... </patchInformation>

</patchInformations>  
Mandatory attributes in Response

- maas360DeviceID Access Control

Customer Properties: Manage Windows Desktops/Laptops or Manage Macs

Access Rights: Device Views – View Only

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**Get Network Information for a Computer**

Request  
GET /device-apis/devices/1.0/computerNetworkInformation/<billingID>

Definition

❖ Get network information for a Windows and Mac computer ❖ Relevant for Windows and Mac computers only  
❖ Uses MaaS360 Device ID (CSN) of the device for querying

Parameters

billingID Required deviceId Required

Sample Request

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device- apis/devices/1.0/computerNetworkInformation/1101234?deviceId=a2e13f*

Sample Response

<networkInformation> <maas360DeviceID>a2e13f</maas360DeviceID> <count>10</count> <domainWorkgroup>1</missingPatches> <networkAdapters>

<networkAdapter>  
<adapterName>Tata Photon</adapterName> <adapterType>PPP</adapterType> <adapterID>D02528DB-33A7-4AE4-A8FA-06C1786E0DDE</adapterID> <ipAddress>14.96.3.154</ipAddress> <subnetMask>255.255.255.255</subnetMask> <dhcpEnabled>No</dhcpEnabled> <macAddress>00:05:9A:3C:78:00</macAddress>  
<dnsServers>10.1.20.97, 10.11.20.26</dnsServers> <gateway>10.1.9.1</gateway>  
<deviceDriverName>HUAWEI Mobile Connect - Modem</deviceDriverName> <deviceDriverVersion>2.0.3.827</deviceDriverVersion> <deviceDriverDate>10/09/2009</deviceDriverDate>

</networkAdapter> </networkAdapters>

</networkInformation> Mandatory attributes in Response

- maas360DeviceID Access Control

Customer Properties: Manage Windows Desktops/Laptops or Manage Macs

Access Rights: Device Views – View Only

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**Get Security Applications Information**

Request  
GET /device-apis/devices/1.0/securityApplications/<billingID>

Definition

❖ Get Security Applications information  
❖ Relevant for Windows and Mac computers only  
❖ Uses MaaS360 Device ID (CSN) of the device for querying

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/securityApplications/1101234?deviceId=a2e13f*

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

Sample Response

<securityApplications> <maas360DeviceID>a2e13f</maas360DeviceID> <securityApplication>

<applicationAttributes> <applicationAttribute>

<key></key>  
<type></type>  
<value></value> <displaySection></displaySection> <displayOrder></displayOrder>

</applicationAttribute> <applicationAttribute> ... </applicationAttribute>

</applicationAttributes> </securityApplication>

</securityApplications> Mandatory attributes in Response

* -  maas360DeviceID
* -  key
* -  type   
  Various Application Attributes Anti-Virus Application:

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| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Application Name Category Application Type Vendor

Version Installed Date Status

String String String String String Date String

Symantec Endpoint Protection Endpoint Security  
Anti-Virus  
Symantec Corp.

11.0  
09/28/2015 00:00:00 Running

Anti-Virus Anti-Virus Anti-Virus Anti-Virus Anti-Virus Anti-Virus Anti-Virus

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Image Image Image Image Image

Anti-Virus Timestamp Definition Date  
Anti-Virus String Definition

Last Scan Date Timestamp Personal Firewall Application:

10/02/2016 00:00:00 5/6/2011 rev. 21 06/05/2011 00:00

Symantec Endpoint Protection Endpoint Security  
Personal Firewall  
Symantec Corp.

11.0 12/10/2010 Running

Symantec Endpoint Protection Endpoint Security Anti-Spyware  
Symantec Corp.

11.0  
12/10/2010  
Running  
10/02/2016 00:00:00

5/6/2011 rev. 21 06/05/2011 00:00

BitLocker Drive Encryption Data Protection  
Data Encryption  
Microsoft

7 SP1 12/10/2010 No Encryption C:

BitLocker Drive Encryption Data Protection Peripheral Protection Microsoft

7 SP1 12/10/2010 No Encryption

Anti-Virus Anti-Virus Anti-Virus

Personal Firewall Personal Firewall Personal Firewall Personal Firewall Personal Firewall Personal Firewall Personal Firewall

Anti-spyware Anti-spyware Anti-spyware Anti-spyware Anti-spyware Anti-spyware Anti-spyware Anti-spyware

Anti-spyware Anti-spyware

Data Encryption Data Encryption Data Encryption Data Encryption Data Encryption Data Encryption Data Encryption Data Encryption

Peripheral Protection Peripheral Protection Peripheral Protection Peripheral Protection Peripheral Protection Peripheral Protection Peripheral Protection

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| Key | Type | Example Value | Display Section | Display Order |

Application Name Category Application Type Vendor

Version Installed Date Status

String String String String String Date String

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Anti-Spyware Application:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Application Name Category Application Type Vendor

Version Installed Date Status Anti-Spyware Definition Date Anti-Spyware Definition  
Last Scan Date

String String String String String Date String Timestamp

String Timestamp

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Data Encryption Application:

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| Key | Type | Example Value | Display Section | Display Order |

Application Name Category Application Type Vendor

Version  
Installed Date Encryption Status Encrypted Drives

String String String String String Date String String

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Peripheral Protection Application:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Application Name Category Application Type Vendor

Version Installed Date Status

String String String String String Date String

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Backup & Recovery Application:

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| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Application Name Category Application Type Vendor

Version Installed Date Status  
Last Backup Next Backup Backup Limit

String String String String String Date String Timestamp Timestamp String

Fiberlink Backup & Recovery Agent  
Data Protection

Backup & Recovery Iron Mountain 8.4.0.8 12/10/2010 Running 06/05/2011 08:52 07/05/2011 07:10 6 GB

BitLocker Drive Encryption Data Protection  
Data Leak Prevention Microsoft

7 SP1 12/10/2010 No Encryption

Backup & Recovery Backup & Recovery Backup & Recovery Backup & Recovery Backup & Recovery Backup & Recovery Backup & Recovery Backup & Recovery Backup & Recovery Backup & Recovery

Data Leak Prevention Data Leak Prevention Data Leak Prevention Data Leak Prevention Data Leak Prevention Data Leak Prevention Data Leak Prevention

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Data Leak Prevention Application:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Type | Example Value | Display Section | Display Order |

Application Name Category Application Type Vendor

Version Installed Date Status

String String String String String Date String

|  |
| --- |
| Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image |

Access Control  
Customer Properties: Manage Windows Desktops/Laptops or Manage Macs

Access Rights: Device Views – View Only

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**59**

**Get Application Distributions**

Request  
GET /device-apis/devices/1.0/packageDistributionHistory/<billingID>

Definition

❖ Search package distributions by Device ID  
❖ Relevant for iOS MDM and Android MDM Devices only ❖ Get results on specified pages of the Result-set

Parameters

billingID

deviceId pageSize

pageNumber Sample Request

Required

Required Optional

Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Limit number of devices returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50.

Results specific to a particular page. Default is first page.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device- apis/devices/1.0/packageDistributionHistory/1001234?deviceId=a1b2c3&pageSize=25&pageNumber=1*

Sample Response

<packageDistributionHistory> <count>100</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <packageDistribution>

<distributionDate>2016-10-03 07:00:30.0</distributionDate> <distributionName>Distribute Angry Birds</distributionName> <packageName>Angry Birds</packageName> <status>Pending</status>

<description></description>

<details></details*>* </packageDistribution>

<packageDistribution> .... </packageDistribution>

<packageDistributionHistory> Mandatory attributes in Response

* -  maas360DeviceID
* -  deviceId   
  Access Control  
  Customer Properties: Enable iOS Enterprise App Store or Enable Android Enterprise App Store   
  Access Rights: Device Views – View Only   
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**Get Device Location History**

**Get Cellular Data Usage for a Device**

Request  
GET /device-apis/devices/1.0/cellularDataUsage/<billingID>

Definition

❖ Returns Cellular Data Usage for a Device for last 6 periods excluding the current period ❖ Relevant for only iOS MDM and Android MDM Devices for which TEM plans are assigned ❖ Get results on specified pages of the Result-set

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/cellularDataUsage/1001234?deviceId=a1b2c3*

Sample Response

<?xml version="1.0" encoding="UTF-8" standalone="yes"?> <cellularDataUsageDetails>

<billingStartDate>2</billingStartDate> <cellularDataUsageList>

<period>Current period till date</period> <inNetworkUsage>0.13</inNetworkUsage> <inNetworkUsageLimit>200.0</inNetworkUsageLimit> <inNetworkUsagePercentage>0.06</inNetworkUsagePercentage> <roamingNetworkUsage>0.0</roamingNetworkUsage> <roamingNetworkUsageLimit>200.0</roamingNetworkUsageLimit> <roamingUsagePercentage>0.0</roamingUsagePercentage>

</cellularDataUsageList> <daysRemainingBillingCycle>17</daysRemainingBillingCycle> <planName>plan1</planName>

</cellularDataUsageDetails> Mandatory attributes in Response

-

Access Control  
Customer Properties: Enable TEM

Access Rights: Device Views – View Only

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

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**Get Device Location History**

Request  
GET /device-apis/devices/1.0/locationHistory/<billingID>

Definition

❖ Returns location history for a device.  
❖ By default, returns the last known location of the device. But this can be used to get location history

for up to last 7 days.

Parameters

billingID

deviceId time

returnAddresses Sample Request

Required Required

Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Possible values:

1. 0 – Last Known Location
2. 1 – Today
3. 2 – Last 1 day
4. 3 – Last 7 days

Possible values: Yes or No (default).

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device-apis/devices/1.0/locationHistory/1101234?deviceId=a2e13f*

Sample Response

If PII is enabled:

<deviceLocation> <deviceId>a2e13f</deviceId>

<errorCode>1</errorCode> ## 0 – success; 1 - failure

<errorMessage>Unable to return locations since PII is enabled for the device</errorMessage> </deviceLocation>

If PII is not enabled:

<deviceLocation> <deviceId>a2e13f</deviceId>

<errorCode>0</errorCode> ## 0 – success; 1 – failure <locationHistory>enabled</locationHistory> <location>

<locatedTime>2016-10-10T04:55:07.000+0000</locatedTime> <latitude>10.2</latitude>  
<longitude>31.5</longitude>  
<accuracy>100m</accuracy> <checkedInStatus>Yes</checkedInStatus>

</location> </deviceLocation>

Mandatory attributes in Response

* -  deviceId
* -  errorCode   
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Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device Views – View Only

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**Get Devices with Associated Users**

Request  
GET /device-apis/devices/2.0/user-associations/customer/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Returns all the devices that have a user associated with them at the time of the query.  
❖ Return values are the maas360DeviceId, the maas360UserId, and time of the request (in Unix Epoch

time format).

Parameters

billingID devicesRegisteredAfterInEpochms

returnInactiveDevices pageSize pageNumber

Sample Request

Required Optional

Optional Optional Optional

Customer’s ID  
Time in Unix epoch milliseconds, returns devices registered after this time  
Possible values: true, false. *True* returns all devices; *false* (default) only returns devices with associated users.  
Limit number of devices returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50  
Results specific to a particular page. Default is first page.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device-apis/devices/2.0/user-associations/customer/1101234? devicesRegisteredAfterDate =01-12-2016&pageSize= 25*

Sample Response (JSON) {

} }

"Associations": { "billingId": 1101234, "count": 5, "Association": [

{ "maas360DeviceId": "ABCDE08032013\_035537\_0001", "maas360UserId": "BE9257E0032A40A9A2F5BB4C8B299F19" },

{ "maas360DeviceId": "ABCDE08032013\_035537\_0002", "maas360UserId": "9B225A73EEB5D60081FCD14A3F8D4F06" },

{ "maas360DeviceId": "ABCDE08032013\_041527\_0001", "maas360UserId": "D0BC847543427E28D729C8D1A092CE75" },

{ "maas360DeviceId": "ABCDE08032013\_041926\_0001", "maas360UserId": "7EF1FAA010D1177B01C7210238DA18A3" },

{ "maas360DeviceId": "ABCDE08032013\_041927\_0002", "maas360UserId": "7053A759869FD205CE15E429B8B77384" }  
],  
"pageNumber": 1,  
"pageSize": 5  
"time": 1477485296720

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Mandatory attributes in Response

* -  billingId
* -  count
* -  time

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**Get Groups for a Device**

Request  
GET /device-apis/devices/1.0/getGroups/<billingID>

Definition

❖ Returns User Groups and Device Groups to which the device belongs to ❖ Only groups used for an assignment or distribution will be listed here

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/cellularDataUsage/1001234?deviceId=a1b2c3*

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

Sample Response

<groups> <group>

<groupID>1234</groupID>

<groupType>2</groupType> ##0: MaaS360 defined, 1: Private, 2: Public, 3: Local User Group, 4: User Directory Group

<groupName>BYOD devices</groupName>

<lastEvaluatedDate>2016-10-12T16:26:17Z</lastEvaluatedDate> </group>

<group> .... </group>

</groups>  
Mandatory attributes in Response

-

Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device Views – View Only

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**Get Relevant Data Views for a Device**

Request  
GET /device-apis/devices/1.0/deviceDataViews/<billingID>

Definition

❖ Get all categories of data relevant for a Device. Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/deviceDataViews/1101234?deviceId=a12bc3*

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

Sample Response

<deviceDataViews> <maas360DeviceID>a2e13f</maas360DeviceID> <deviceDataView>

<dataViewName>Device Summary</dataViewName> <dataViewOrder>10</dataViewOrder > <displaySections>

<displaySection> <displaySectionName>Hardware</displaySectionName> <displaySectionOrder>10</displaySectionOrder> <sectionID>HARDWARE\_INVENTORY</sectionID>

/displaySection> </displaySections>

</deviceDataView> </deviceDataViews>

Mandatory attributes in Response

* -  maas360DeviceID
* -  dataViewName
* -  dataViewOrder   
  Platform = 1 (Windows)   
  Platform = 2 (Mac)   
  Source = 2 & Any Platform value

Device Summary 10 Hardware Inventory 20

Custom Attributes 30 Software Installed 40 Package Distributions 50

Device Summary 10 Hardware Inventory 20

Custom Attributes 30 Software Installed 40

Device Summary 10

Hardware Inventory MaaS360 Services Hardware Inventory Operating System Custom Attributes Software Installed Package Distributions

Hardware Inventory MaaS360 Services Hardware Inventory Operating System Custom Attributes Software Installed

Hardware Inventory Security & Compliance

10

20

10

20

10

10

10

10

20

10

20

10

10

10 20

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Condition | Data Views | Data View Order | Section Name | Section Order |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Source = 1 or 3 & Platform = 3 (iOS)

Source = 4 (BES)

Source = 1 or 3 and Platform = 5 (Android)

Custom Attributes 20 Action History 30

Device Summary 10

Hardware Inventory 20 Custom Attributes 30 Network Information 40 Security & Compliance 50

Software Installed 60 Action History 70 Package Distributions 80

Device Summary 10

Hardware Inventory 20 Custom Attributes 30 Network Information 40 Security & Compliance 50 Software Installed 60 Action History 70

Device Summary 10

Hardware Inventory 20 Custom Attributes 30 Network Information 40

Software Installed 60 Action History 70 Package Distributions 80

Custom Attributes Action History

Hardware Inventory Network Information Security & Compliance Hardware Inventory Custom Attributes Network Information Security & Compliance Device Restrictions Software Installed Action History Package Distributions

Hardware Inventory Network Information Security & Compliance Hardware Inventory Custom Attributes Network Information Security & Compliance Software Installed Action History

Hardware Inventory Network Information Security & Compliance Hardware Inventory Custom Attributes Network Information

Software Installed Action History Package Distributions

10 10

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|  |  |  |  |
| --- | --- | --- | --- |
| Security & Compliance | 50 | Device Security Status Policy & Compliance Passcode Settings Accounts & Sync Application Settings Device Features | 10  20  30  40  50  60 |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Access Control

Customer Properties: Enable Device View Access Rights: Device Views – View Only

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**Get Relevant Actions for a Device**

Request  
GET /device-apis/devices/1.0/deviceActions/<billingID>

Definition

❖ Get all relevant actions for a device. Parameters

billingID Required deviceId Required

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/device-apis/devices/1.0/deviceActions/1101234?deviceId=a1b2c3*

Sample Response

<deviceActions> <maas360DeviceID>a2e13f</maas360DeviceID> <deviceAction>

<actionName>Wipe</actionName>

<actionID>WIPE\_DEVICE</actionID> ++ APPROVE\_DEVICE, BLOCK\_DEVICE, WIPE\_DEVICE, CANCEL\_PENDING\_WIPE, LOCK\_DEVICE, RESET\_DEVICE\_PASSCODE, LOCATE\_DEVICE, REFRESH\_DEVICE\_INFORMATION, CHANGE\_POLICY, SELECTIVE\_WIPE\_DEVICE, REVOKE\_SELECTIVE\_WIPE, REMOVE\_DEVICE

<actionOrder>10</actionOrder>

<actionType>MDM</actionType> ++ Computer, MDM, Exchange Server, Lotus Notes, BES </deviceAction>

</deviceActions>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionName
* -  actionID
* -  actionType   
  REFRESH\_DEVICE\_INFORMATION   
  MDM\_LOCATE MDM\_LOCK MDM\_CLEARPWD   
  CHANGE\_POLICY MDM\_REMOVE\_PROFILE MDM\_MESSAGE ACTION\_MDM\_HIDE\_DEVICE   
  MDM\_RULESET\_UPDATE   
  MDM\_BUZZ MDM\_DISTRIBUTE\_DOC MDM\_WIPE

Refresh Device Informatio Locate Device Lock Device Reset Device Passcode Change Policy Remove Control Send Message Hide Device Record

Change Rule Set  
Buzz Distribute Doc Wipe Device

iOS, Android, Windows, Blackberry

iOS, Android, Windows  
iOS, Android, Windows  
iOS, Android, Windows, Blackberry

iOS, Android, Windows, Blackberry iOS, Android, Windows, Blackberry Windows  
Windows

Windows

Windows  
Windows  
iOS, Android, Windows, Blackberry

30

40 50 60

110

120

130

160

170

300 310 90

|  |  |  |  |
| --- | --- | --- | --- |
| actionID | Description | Platform | Order |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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Image Image Image Image Image Image Image Image

SELECTIVE\_WIPE\_DEVICE APPROVE\_DEVICE BLOCK\_DEVICE

Selective Wipe Device Exchange Approve Device Exchange Block Device

iOS, Android, Windows 70 Windows  
Windows

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

|  |  |  |
| --- | --- | --- |
| Source | Platform | Action |

- -

1 (Windows) 2 (Mac)

Mark as Inactive -

Image Image Image

|  |  |  |
| --- | --- | --- |
| 2 (Messaging System) | - | Exchange Approval State = Device Discovery - No actions are available  Exchange Approval State = Quarantine - Approve Device - Block Device  Exchange Approval State = Approved - Block Device  Exchange Approval State = Blocked - Approve Device  In case of customer having Exchange 2007 server, the above actions are available only if Auto-Quarantine is on.  Device Wiped = Blank - Wipe Device  Device Wiped = Pending - Cancel Pending Wipe  Actions always available   * -  Change Policy * -  Remove Device from Exchange Server (or Remove Device from Notes Traveler) |
|  |  |  |
| 1 (MDM) | 3 (iOS) | Actions always available   * -  Refresh Device Information * -  Locate Device * -  Lock Device * -  Reset Device Passcode * -  Change Policy * -  Remove iOS Control  Device Wiped = Blank   - Wipe Device  Device Wiped = Pending - Cancel Pending Wipe  Selective Wipe = Blank - Selective Wipe Device  Selective Wipe = Pending or Complete - Revoke Selective Wipe |

3 (MDM + Messaging System)

1 (MDM)

3 (iOS)

All the actions listed under iOS MDM and Messaging System above

Actions always available  
- Refresh Device Information

|  |  |  |
| --- | --- | --- |
|  |  |  |
| 4 (BES) | 4 (BlackBerry) | Actions always available   * -  Refresh Device Information * -  Reset Device Passcode * -  Change Policy * -  Remove Device from BES  Device Wiped = Blank   - Wipe Device  Device Wiped = Pending - Cancel Pending Wipe |
|  |  |  |

5 (Android)

Image Image Image

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|  |  |  |
| --- | --- | --- |
|  |  | * -  Locate Device * -  Lock Device * -  Reset Device Passcode * -  Change Policy * -  Remove Android Control  Device Wiped = Blank   - Wipe Device  Device Wiped = Pending - Cancel Pending Wipe  Selective Wipe = Blank - Selective Wipe Device  Selective Wipe = Pending or Complete - Revoke Selective Wipe |

3 (MDM + Messaging System)

1 (MDM)  
3 (MDM + Messaging System)

Access Control

5 (Android)

7 (Symbian) 7 (Symbian)

All the actions listed under Android MDM and Messaging System above

|  |  |  |
| --- | --- | --- |
| Image |  | Image Image Image Image Image Image Image Image |

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-  
All the actions listed under Messaging System above

|  |  |  |
| --- | --- | --- |
| Image |  | Image Image Image Image Image |

Customer Properties: Enable Device View Access Rights: Help Desk Actions

**Set Device Name**

Request  
POST /device-apis/devices/1.0/setDeviceName/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Sets a name for a designated device, identified by the deviceId. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID deviceId deviceName

Sample Request

Required Required Required

Customer ID number  
Client Serial Number of the device  
Special characters ‘%’, ‘&’, and space are not supported in the device name.

Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com*/*device-apis/devices/1.0/setDeviceName/1101234?deviceId=* a2e13f*&deviceName=MarketingTablet01*

Sample Response (XML)

<actionResponse> <result>Success</result>

<description>Description, in case of success/error</description> </actionResponse>

Mandatory attributes in Response - result

Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device View - Edit

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**Cloud Extender**

**Get Cloud Extender Clusters**

Request  
GET /device-apis/cloudExtender/1.0/getCEClusters/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Provides a list of Cloud Extender clusters for the requesting organization.  
❖ The call can return all Cloud Extender clusters or the Cloud Extender clusters of a specified type.

Parameters

billingID Required Customer identification number clusterType Optional Possible values:

- VPN

Sample Request

*https://services.fiberlink.com/device-apis//device-apis/cloudExtender/1.0/getCEClusters/ 1101234?clustertype=VPN*

Sample Response (JSON or XML) <CEClusterListResponse>

<CECluster> <clusterGuid>700c895a-6c6a-491a-9cbd-9df3235735d4</clusterGuid> <clusterType>VPN</clusterType>  
<clusterName>US Default VPN</clusterName>

</CECluster> <CECluster>

<clusterGuid>432c895a-6c6a-674d-9cbd-9df32357784g</clusterGuid> <clusterType>VPN</clusterType>  
<clusterName>US Alternate VPN</clusterName>

</CECluster> </CEClusterListResponse>

Mandatory attributes in Response - CEClusterListResponse

Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device View - View Only

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

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**Get Cloud Extender Cluster Configuration**

Request  
POST /device-apis/cloudExtender/1.0/getCEClusterConfig/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Returns the configuration details for the Cloud Extender cluster associated with the requesting Cloud Extender.
* ❖  If no specified configKey value is set, the default is all Keys.
* ❖  Some configValue responses are JSON formatted data within the XML return.
* ❖  NOTE: This is a POST request even though the name of the web service is getCEClusterConfig.

Parameters

billingID clusterType

configKey

certMD5 Sample Request

Required Required

Optional Optional

Customer identification number Possible values:

- VPN

Contact IBM MaaS360 Customer Support for currently supported configKey options.  
The MD5 checksum of CE Cluster Certificate

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device-apis/cloudExtender/1.0/getCEClusterConfig /1101234?clusterType=VPN*

Sample Response (XML and JSON)

<CEClusterConfigResponse>  
<errorCode>0</errorCode> <errorDescription>Success</errorDescription> <clusterGuid>96e9b01a-1d29-4fc0-957d-45432fc0b715</clusterGuid> <clusterName>protype104</clusterName> <clusterType>VPN</clusterType>

<clusterConfigs> <config>

<configKey>VPN\_CONFIG\_DEF</configKey>

<configValue>{ "compLzo" : 1,

"fragment" : 1450,

"tlsAuth" : "sdfgh" }</configValue>

</config> <config>

<configKey>VPN\_CONFIG\_USER</configKey>

<configValue>{"routes":["network1:netmask1:gateway1","network2:netmask2:gateway2"],"localIp":"interna lURL","externalPort":"internalURL","transportDetails":["1194:UDP","1195:UDP","1196:TCP"],"externalIP":"ext ernalURL","splitTunnelingEnabled":"1","localPort":"internalURL"}</configValue>

</config> </clusterConfigs>

</CEClusterConfigResponse> Mandatory attributes in Response

- errorCode

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* -  errorDescription
* -  clusterGuid
* -  clusterName - clusterType

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**Set Cloud Extender Cluster Config**

Request  
POST /device-apis/cloudExtender/1.0/setCEClusterConfig/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Adds or updates one to four configuration key/value pairs for an existing Cloud Extender VPN cluster. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID clusterType configKey1-4

configValue1

Sample Request

Required Required

Customer identification number  
VPN  
The parameter name for the configuration key is followed by the numbers 1, 2, 3, or 4.  
Contact IBM MaaS360 Customer Support for currently supported configKey options.  
Configuration key and value pairs in JSON format. For example:  
{"server": "vpn.company.com", "ports": "1194"} {"transportType": "UDP"}  
The max length of configValue is 4000 bytes

Image Image Image

|  |
| --- |
| Required (at least 1) |
| Required (at least 1) |

*https://services.fiberlink.com/device- apis/cloudExtender/1.0/setCEClusterConfig/1101234?clusterType=VPN&configKey1=VPN\_CONFIG\_USER&c onfigValue1={"server": "vpn.company.com", "ports": "1194”}*

Sample Response (JSON or XML)

<CEClusterConfigResponse>  
<errorCode>0</errorCode> <errorDescription>Success</errorDescription> <clusterGuid>96e9b01a-1d29-4fc0-957d-45432fc0b715</clusterGuid> <clusterName>protype104</clusterName> <clusterType>VPN</clusterType>

<clusterConfigs> <config>

<configKey>VPN\_CONFIG\_USER</configKey>  
<configValue>{"server": "vpn.company.com", "ports": "1194” "routes":["network1:netmask1:gateway1","network2:netmask2:gateway2"],"localIp":"internalURL","external Port":"internalURL","transportDetails":["1194:UDP","1195:UDP","1196:TCP"],"externalIP":"externalURL","split TunnelingEnabled":"1","localPort":"internalURL"}</configValue>

</config> </clusterConfigs>

</CEClusterConfigResponse> Mandatory attributes in Response

* -  errorCode
* -  errorDescription
* -  clusterGuid
* -  clusterName
* -  clusterType   
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**Join Cloud Extender Cluster**

Request  
POST /device-apis/cloudExtender/1.0/ joinCECluster/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Join an existing Cloud Extender cluster. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID certMD5

clusterType

Sample Request

Required Required

Optional

Customer identification number.  
The MD5 checksum of the target Cloud Extender cluster’s X.509 certificate.  
Possible values:

- VPN

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*https://services.fiberlink.com/device-apis/cloudExtender/1.0/ joinCECluster/1101234?certMD5=ABCD1234EFGH5678&clusterType=VPN*

Sample Response (XML)

<CEClusterDetails> <errorCode>0</errorCode>

<errorDescription></errorDescription> <requestType>joinCECluster</requestType> <clusterGuid>700c895a-6c6a-491a-9cbd-9df3235735d4</clusterGuid> <clusterType>VPN</clusterType>

<clusterName>US Default VPN</clusterName> </CEClusterDetails>

Mandatory attributes in Response

* -  errorCode
* -  errorDescription

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**Update Cloud Extender Cluster Name**

Request  
POST /device-apis/cloudExtender/1.0/updateCEClusterName/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Changes the name of a specified Cloud Extender cluster. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID clusterGuid newName

Sample Request

Required Required Required

Customer identification number The GUID of the target cluster The new cluster name

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*https://services.fiberlink.com/device- apis/cloudExtender/1.0/updateCEClusterName/1101234?clusterGuid=7b6bd5ee-9588-4144-ab1a- 898dc9e4edb5&newName=MarketingVPN2*

Sample Response (XML)

<CEClusterDetails>  
<requestType>updateCEClusterName</requestType> <clusterGuid>7b6bd5ee-9588-4144-ab1a-898dc9e4edb5</clusterGuid> <clusterName>MarketingVPN2</clusterName> <clusterType>VPN</clusterType>

</CEClusterDetails>  
Mandatory attributes in Response

* -  CEClusterDetails
* -  requestType
* -  clusterGuid
* -  clusterName

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**Add a New Cloud Extender Cluster**

Request  
POST /device-apis/cloudExtender/1.0/addNewCECluster/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Adds a new Cloud Extender cluster and adds the cluster name to a list of available clusters.  
❖ The request is made twice. Using requestType=GET\_CSR\_DETAILS, it returns CSR data that is used in

the final request using requestTYPE=GET\_CERT.

Parameters

billingID requestType

csr

clusterName clusterType

Sample Request

Required

Optional Optional

Customer identification number Possible values:

* -  GET\_CSR\_DET AILS
* -  GET\_CERT   
  Only for use with requestType=GET\_CERT  
  This is the CSR Data from the CECSRDetailsResponse to the GET\_CSR\_DETAILS request.  
  For use with all requestTypes.  
  This is the VPN server name.  
  For use with all requestTypes.  
  Possible values:

- VPN

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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Required

Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image

*https://services.fiberlink.com/device- apis/cloudExtender/1.0/addNewCECluster/1101234?requestType=GET\_CERT&clusterType=VPN https://services.fiberlink.com/device- apis/cloudExtender/1.0/addNewCECluster/1101234?requestType=GET\_CSR\_DETAILS&clusterType=VPN&cl usterName=ExampleVPNServer*

Sample Response (XML)

For GET\_CSR\_DETAILS <CECSRDetailsResponse>

<certChallenge>2003F9C7BF7741AD</certChallenge>

<certTargetName>/O=MaaS360/OU=M0042:S08:2028601/CN=MaaS360 VPN Server Identity b564337371349af5ef4099214570381bf953b152/</certTargetName>  
</CECSRDetailsResponse>  
For GET\_CERT

<CECertResponse> <errorCode>0</errorCode>

<errorDescription></errorDescription> <clusterGuid>700c895a-6c6a-491a-9cbd-9df3235735d4</clusterGuid <clusterName>US Default VPN</clusterName <clusterType>VPN</clusterType> <caCert>YUREAjCCAuqgA+kNUxc4ih01bPDfP==</caCert> <clusterCert>MIIEAjCCAuqgA+kZzwDvNUxc4ih01bPDfPfQ==</clusterCert>

</CECertResponse>  
Mandatory attributes in Response

- errorCode (for GET\_CERT)

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* -  errorDescription (for GET\_CERT)
* -  certChallenge (for GET\_CSR\_DETAILS)
* -  certTargetName (for GET\_CSR\_DETAILS)

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**Device Actions**

**Assign a user to a device**

Request  
POST /device-apis/devices/1.0/assignUserToDevice/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Assigns a specified user to a device  
❖ This is applicable for Supervised iOS devices and Shared iOS Devices

Parameters

billingID

deviceId userName domain  
Email phoneNumber policySetName

rulesetName Sample Request

Required

Required Required Required Required Optional Optional

Optional

Billing ID of the account for which the web- service is being executed  
Client Serial Number of the device

Only policies for the device platform are accepted.  
Name of the Ruleset that needs to be assigned

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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POST *https://services.fiberlink.com/device- apis/devices/1.0/assignUserToDevice/1101234?billingID=12345&deviceId=a1b2c3&userName=jdoe&domai n=example.com&Email=jdoe@us.example.com*

Sample Response

<actionResponse> <result>Success</result>

<description>Description, in case of success/error</description> </actionResponse>

Mandatory attributes in Response - result

Access Control  
Customer Properties: Manage iPhones

Access Rights: Device View - Edit

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**Set Custom Attribute Value**

Request  
POST /device-apis/devices/1.0/setCustomAttributeValue/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Sets the value for a specified custom attribute ❖ This is applicable for any device record

Parameters

billingID

deviceId customAttributeName

customAttributeValue Sample Request

Required

Required Required

Required

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Name of the custom attribute for which value is to be set

Value to be set for the attribute

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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POST *https://services.fiberlink.com/device-apis/devices/1.0/setCustomAttributeValue/1101234/* Sample Response

<actionResponse> <result>Success</result>

<description>Description, in case of success/error</description> </actionResponse>

Mandatory attributes in Response - result

Access Control  
Customer Properties: Enable Device View

Access Rights: Device View - Edit

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**Refresh Device Information**

Request  
POST /device-apis/devices/1.0/refreshDeviceInformation/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Creates a request to refresh Device information  
❖ This action can be executed on an iOS MDM, Android MDM, Windows Phone MDM or BES device

Parameters

billingID

deviceId dataType

Required Required

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Possible values: SOFTWARE, DEVICE\_INFO

Currently relevant for iOS only. For others, this value is ignored. If specified, only the specific type of information is refreshed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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Optional

Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/device-apis/devices/1.0/refreshDeviceInformation/1101234*

*?deviceId=a2e13f*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID>  
<actionStatus>1</actionStatus> ## 0:success; 1:error  
<actionID>1</actionID> ##Available only in case of success. Also, an actionID with value 1  
is a sentinel value used to indicate successful one time actions. These actions will not appear

in the actions list to validate against apis that list action details or action status. <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control  
  Customer Properties: Manage iPhones or Manage Androids or Manage BlackBerrys   
  Access Rights: Help Desk Actions

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**Send Message**

Request  
POST /device-apis/devices/1.0/sendMessage/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ This action can be executed on an iOS MDM, Android MDM or Windows Phone MDM. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID

deviceId messageTitle message

Required

Required Required Required

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Max. 30 chars

Max. 255 chars

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Sample Request  
POST *https://services.fiberlink.com/device-*

*apis/devices/1.0/sendMessage/1101234?deviceId=a1b2c3&messageTitle=message&message=hi*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control   
  Customer Properties: Manage iPhones or Manage Androids Access Rights: Help Desk Actions

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**Locate Device**

Request  
POST /device-apis/devices/1.0/locateDevice/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Returns the current or last known location of the device  
❖ This action can be executed on an iOS MDM, Android MDM or Windows Phone MDM. ❖ Performs a real-time lookup on Android devices  
❖ Provides Last Known location on iOS and Windows Phone devices

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

POST *https://services.fiberlink.com/device-apis/devices/1.0/locateDevice/1101234?deviceId=a1b2c3* Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID>  
<actionStatus>1</actionStatus> ## 0:success; 1:error  
<actionID>1</actionID> ##Available only in case of success. Also, an actionID with value 1

is a sentinel value used to indicate successful one time actions. These actions will not appear in the actions list to validate against apis that list action details or action status. <latitude>10.2</latitude>  
<longitude>31.5</longitude>

<locatedTime>2016-10-12 08:54:43.0</locatedTime>

<description>Description, in case of success/error</description> </actionResponse>

Mandatory attributes in Response - maas360DeviceID

Access Control

* -  Customer Properties: Manage Androids
* -  Access Rights: Help Desk Actions

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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**Lock Device**

Request  
POST /device-apis/devices/1.0/lockDevice/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Lock the device  
❖ This action can be executed on an iOS MDM, Android MDM or Windows Phone MDM.

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

deviceId Required Client Serial Number of the device Sample Request

POST *https://services.fiberlink.com/device-apis/devices/1.0/lockDevice/1101234?deviceId=a2e13f* Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage iPhones or Manage Androids
* -  Access Rights: Help Desk Actions

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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**Reset Device Passcode**

Request  
POST /device-apis/devices/1.0/resetDevicePasscode/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ This action can be executed on an iOS MDM, Android MDM, Windows Phone MDM or BES device ❖ For iOS MDM devices, this clears the Passcode set on the device and unlock the same  
❖ For Android MDM and BES devices, this sets a new Passcode provided by the administrator

Parameters

billingID

deviceId devicePasscode

Required

Required Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Passcode to be set on the device. This is required for Android MDM and BES devices

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

Expected as a Request parameter  
POST *https://services.fiberlink.com/device-apis/devices/1.0/resetDevicePasscode/1101234*

*?deviceId=a2e13f*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control  
  Customer Properties: Manage iPhones or Manage Androids or Manage BlackBerrys   
  Access Rights: Help Desk Actions

Image Image Image Image Image Image

Format

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**Change Device Policy**

Request  
POST /device-apis/devices/1.0/changeDevicePolicy/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Assigns a specified policy to a device  
❖ This action can be executed on an Exchange ActiveSync, iOS MDM, Android MDM, Windows Phone

MDM, BES device, or Persona Policy devices

Parameters

billingID

maas360DeviceId policyName

Required

Required Required

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Name of the policy that needs to be assigned. This policy can be a persona policy and applies to both iOS and Android devices in mixed mode or as SPS.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/device-apis/devices/1.0/changeDevicePolicy/1001234*

*?maas360DeviceId=a2e13f&policyName=test*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>0</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description >

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control   
  Customer Properties: Manage ActiveSync Devices or Manage iPhones or Manage Androids or Manage BlackBerrys  
  Access Rights: Policy Actions

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**Change Compliance Ruleset**

Request  
POST /device-apis/devices/1.0/changeRuleSet/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Assigns a specified ruleset to a device Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID

deviceId rulesetName

Required

Required Required

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Name of the Ruleset that needs to be assigned

Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/device-*

*apis/devices/1.0/changeRuleset/1001234?deviceId=androidc1a2b3c&rulesetName=foo*

Sample Parameters

deviceId=androidc1a2b3c&rulesetName=foo&billingId=1001234

Sample Response

<actionResponse>  
<actionStatus>0</actionStatus> ## 0:success; 1:error  
<description>Successfully changed RuleSet : foo for device : androidc1a2b3c</description > <maas360DeviceID>androidc1a2b3c</maas360DeviceID>

</actionResponse>  
Mandatory attributes in Response

* -  actionStatus
* -  description
* -  maas360DeviceID   
  Access Control
* -  Customer Properties: Manage ActiveSync Devices or Manage Traveler devices or Manage iPhones or Manage Androids or Manage BlackBerrys or Manage Windows Phones
* -  Access Rights: Device Management -> Change Compliance Rule Set

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**Selective Wipe Device**

Request  
POST /device-apis/devices/1.0/selectiveWipeDevice/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Selective Wipe the device  
❖ This action can be executed on an iOS MDM, Android MDM or Windows Phone MDM device

Parameters

billingID Required deviceId Required

Sample Request  
POST *https://services.fiberlink.com/device-*

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

*apis/devices/1.0/selectiveWipeDevice/1101234?deviceId=a1b2c3*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage iPhones or Manage Androids
* -  Access Rights: Wipe Actions

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**Revoke Selective Wipe**

Request  
POST /device-apis/devices/1.0/revokeSelectiveWipe/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Cancel Selective Wipe executed on the device  
❖ This action can be executed on an iOS MDM, Android MDM or Windows Phone MDM device

Parameters

billingID Required deviceId Required

Sample Request  
POST *https://services.fiberlink.com/device-*

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

*apis/devices/1.0/revokeSelectiveWipe/1101234?deviceId=a1b2c3*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage iPhones or Manage Androids
* -  Access Rights: Wipe Actions

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**Wipe Device**

Request  
POST /device-apis/devices/1.0/wipeDevice/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Remote Wipe the device  
❖ This action can be executed on an Exchange ActiveSync, Notes, BES, iOS MDM, Android MDM or

Windows Phone MDM device  
❖ Support for activation lock bypass for iOS MDM devices

Parameters

billingID

deviceId notifyMe

notifyUser notifyOthers preserveDataPlan wipeMode

Required Required

Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Whether to notify the administrator on successful device wipe.

Expected as a request parameter – “yes” value enables this flag.  
Whether to notify the user on successful device wipe Expected as a request parameter – “yes” value enables this flag.

Comma separated list of other email addresses to notify on successful device wipe  
Expected as a request parameter  
(For iOS 11 and later) If a device is wiped remotely, device data will be preserved if a data plan exists on the device. Values: Yes, No (Default)

Supported only for Android devices that are enrolled in Work Profile on Corporate Owned (WPCO) mode. Suported values:

* WPCO\_WIPE\_PROFILE – Wipes the work profile
* WPCO\_WIPE\_DEVICE – Wipes the entire device   
  **Note**: If this parameter is passed to platforms other than Android, a bad request error is displayed.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/device-apis/devices/1.0/wipeDevice/1101234*

*?deviceId=a2e13f&notifyMe=yes&notifyUser=yes&notifyOthers=abc@example.com*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>0</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
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Access Control

* -  Customer Properties: Manage ActiveSync Devices or Manage Notes Traveler or Manage iPhones or Manage Androids or Manage BlackBerrys
* -  Access Rights: Wipe Actions

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**Cancel Pending Wipe**

Request  
POST /device-apis/devices/1.0/cancelPendingWipe/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Cancel outstanding Remote Wipe sent to the device  
❖ This action can be executed on an Exchange ActiveSync, Traveler, BES, iOS MDM, Android MDM or

Windows Phone MDM device

Parameters

billingID deviceId

Required Required

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/device-apis/devices/1.0/cancelPendingWipe/1101234*

*?deviceId=a2e13f*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>0</actionStatus> ## 0:success; 1:error <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage ActiveSync Devices or Manage Notes Traveler or Manage iPhones or Manage Androids or Manage BlackBerrys
* -  Access Rights: Wipe Actions

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**Approve Device in Messaging System**

Request  
POST /device-apis/devices/1.0/approveDeviceMessagingSystem/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Approve the device in Messaging System (either Exchange, Notes or Gmail) Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID

deviceId ownership deviceOwner

Required

Required Optional Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Can be either “Corporate Owned” or “Employee Owned” Name of the individual or group that owns the device

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/device-*

*apis/devices/1.0/approveDeviceMessagingSystem/1101234?deviceId=a1b2c3*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID>  
<actionStatus>1</actionStatus> ## 0:success; 1:error  
<actionID>1</actionID> ##Available only in case of success. Also, an actionID with  
value 1 is a sentinel value used to indicate successful one time actions. These actions  
will not appear in the actions list to validate against apis that list action details or action status. <description>Description, in case of success/error</description >

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage ActiveSync Devices, Manage Notes Traveler
* -  Access Rights: Messaging Server Actions

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**Block Device in Messaging System**

Request  
POST /device-apis/devices/1.0/blockDeviceMessagingSystem/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Block the device in Messaging System (Exchange, Notes or Gmail) Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID Required deviceId Required

Sample Request

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

Image Image Image Image Image Image Image Image Image

*POST https://services.fiberlink.com/device- apis/devices/1.0/blockDeviceMessagingSystem/1101234?deviceId=a2e13f*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>1</actionID> ##Available only in case of success.  
Also, an actionID with value 1 is a sentinel value used to indicate successful one time actions. These actions will not appear in the actions list to validate against apis that list action details or action status. <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage ActiveSync Devices, Manage Notes Traveler
* -  Access Rights: Messaging Server Actions

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**Remove Device**

Request  
POST /device-apis/devices/1.0/removeDevice/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  This is relevant for Windows Computers, Mac, Exchange ActiveSync, Notes Traveler, Gmail, BES, iOS MDM, Android MDM and Windows Phone MDM
* ❖  For Windows and Mac: This marks the device as Inactive
* ❖  For Exchange ActiveSync, Notes Traveler, Gmail and BES: This removes the device from the source   
  server (which in turn marks the device as Inactive)
* ❖  For Enrolled devices (iOS, Android and Windows Phone):

o If the MDM Control is already removed by the user: This marks the device as Inactive  
o If the device is still controlled: This removes the MDM Control and then marks the device as

Inactive

❖ For devices that are both enrolled in Mailbox server: This removes the MDM Control and then marks the device as inactive. To remove such devices from Exchange server, use “Remove Device from Mailbox Server” API.

Parameters

billingID Required

deviceId Required wipeMode

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Supported only for Android devices that are enrolled in Work Profile on Corporate Owned (WPCO) mode. Suported values:

* WPCO\_WIPE\_PROFILE – Wipes the work profile
* WPCO\_WIPE\_DEVICE – Wipes the entire device   
  **Note**: If this parameter is passed to platforms other than Android, a bad request error is displayed.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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Optional

Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/device-apis/devices/1.0/removeDevice/1101234?deviceId=a2e13f*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control   
  Customer Properties: Manage Windows Desktops/Laptops or Manage ActiveSync Devices or Manage Notes Traveller or Manage BlackBerrys or Manage iPhones or Manage Androids   
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Access Rights: Deactivate Actions

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**Remove Device from Mailbox Server**

Request  
POST /device-apis/devices/1.0/removeDeviceMailboxServer/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  This is relevant for devices that are reporting Exchange, Traveler, Gmail and BES (Both enrolled and not enrolled)
* ❖  In case of enrolled device, the action can be applied on natively merged or manually/automatically merged record
* ❖  This removes the device from the source server Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID Required deviceId Required

Sample Request  
POST *https://services.fiberlink.com/device-*

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

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*apis/devices/1.0/removeDeviceMailboxServer/1101234?deviceId=a2e13f*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage ActiveSync Devices or Manage Notes Traveller or Manage BlackBerrys
* -  Access Rights: Deactivate Actions

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**Hide Device**

Request  
POST /device-apis/devices/1.0/hideDevice/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ This action can be executed on an Exchange ActiveSync, Notes, BES, iOS MDM, Android MDM or Windows Phone MDM device

❖ This marks the device as Inactive Parameters

billingID Required deviceId Required

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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Sample Request  
POST *https://services.fiberlink.com/device-apis/devices/1.0/hideDevice/1101234?deviceId=a2e13f*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13f</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <description>Description, in case of success/error</description>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage Windows Desktops/Laptops or Manage ActiveSync Devices or Manage Notes Traveler or Manage BlackBerrys or Manage iPhones or Manage Androids or Manage Windows Phone
* -  Access Rights: Deactivate Actions

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**Update Device Certificate**

Request  
POST /device-apis/devices/1.0/updateCert/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Generate a new ID Certificate for a device or republish an existing one (for Certificate servers which allow caching of Certs in Cloud Extender)

❖ This action can be executed on an iOS MDM, Android MDM or Windows Phone MDM device Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Required / Optional | Parameter Type (Path/Query/Form) | Description |

billingID

maas360DeviceId actionType

comment listOfTemplateNames

Sample Request

Required Path

Required Query Required Query

Optional Query Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

Possible values:  
Generate new Certificate Republish existing Certificate

List of all templates associated with the device

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POST *https://services.fiberlink.com/device- apis/devices/1.0/updateCert/1001234?maas360DeviceId=ApplCCQL6FTRFFCJ&actionType=Generate new Certificate&comment=testing*

Sample Response

<actionResponse>  
<maas360DeviceId>a2e13f</maas360DeviceId> <actionStatus>1</actionStatus> ## 0:success; 1:error <description>Description, in case of success/error</description >

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceId
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage ActiveSync Devices or Manage Traveler devices or Manage iPhones or Manage Androids or Manage BlackBerrys or Manage Windows Phones
* -  Access Rights: Device Management -> Selective Wipe

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**Check Action Status**

Request  
GET /device-apis/devices/1.0/checkActionStatus/<billingID>

Definition

❖ Check the status of a prior executed action Parameters

billingID Required actionID Required

Billing ID of the account for which the web-service is being executed  
Unique ID of the action that is executed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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Sample Request  
*https://services.fiberlink.com/device-apis/devices/1.0/checkActionStatus/1101234?* actionID=a1b2c3

Sample Response

<actionStatusResponse> <actionID>a2e13f</actionID>

<deviceName>BBFL1234</deviceName>  
<username>smurphy</username>  
<action>Wipe</action>  
<actionStatus>Pending</actionStatus> ## Pending, Complete, Failed, Executed in Exchange Server, etc

<actionExecutedBy>admin@example.com</actionExecutedBy*>* <actionExecutionTime>2010-11-30T05:52:53.011+00:00</actionExecutionTime> <ipAddress>10.1.2.12</ipAddress>2016-10-12T18:46:28

</actionStatusResponse> Mandatory attributes in Response

* -  actionID
* -  deviceName
* -  username
* -  action
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage ActiveSync Devices or Manage Notes Traveler or Manage iPhones or Manage Androids or Manage BlackBerrys
* -  Access Rights: Read-only Actions

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**Search Action History (v1)**

Request  
GET /device-apis/devices/1.0/searchActionHistory/<billingID>

Definition

❖ Search action history by Device ID. If no Device ID is specified, the action history across all devices for the customer is returned

❖ Return device change history in addition to action history ❖ Get results on specified pages of the Result-set

Parameters

billingID

deviceId actionType

Required Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Possible values:

* Refresh Device Information
* Locate Device
* Send Message
* Buzz Device
* Lock Device
* Reset Device Passcode
* Update Device Certificate
* Selective Wipe
* Revoke Selective Wipe
* Wipe Device
* Cancel Pending Wipe
* Change Policy
* Change Rule Set
* Change Plan
* Remote Control Device
* Remove Control
* Hide Device Record
* User Authentication
* Approve Device
* Block Device   
  Remove device from Mailbox server  
  Starting time when the action was executed Ending time when the action was executed Administrator who executed the action Possible values:
* Pending
* Complete Failed   
  Possible values: Yes, No (Def)  
  If Yes, then return only Compliance Events  
  Limit number of devices returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50.  
  Results specific to a particular page. Default is first page.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image

Optional

Image Image Image

actionExecutionTimeFrom actionExecutionTimeTo actionExecutedBy actionStatus

complianceEventsOnly pageSize

pageNumber

Optional Optional Optional

Optional Optional

Optional

Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image

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Sample Request

*https://services.fiberlink.com/device- apis/devices/1.0/searchActionHistory/1101234?deviceId=a1b2c3&pageSize=25&pageNumber=1*

Sample Response

<actionHistory> <count>1000</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <actionStatusResponse>

<action>MDM\_POL\_UPDA TE</action> <actionExecutedBy>*admin@example.com*</actionExecutedBy> <actionExecutionTime>2022-11-04 12:23:25.502</actionExecutionTime> <actionID>a2e13f</actionID>  
<actionStatus>Success</actionStatus> ## Applicable, Ready for Device, Awaiting

Certificate, Success, Failed <comments></comments>

<deviceId>Appl12345678</deviceId>  
<deviceName>BBFL1234</deviceName>  
<errorDescription></errorDescription>  
<ipAddress>10.104.12.109</ipAddress>  
<platformName>iOS</platformName>  
<result>No Policy Change, Reason: Group Level Policy Assigned, Performed Action:

Device Policy Assignment</result> <username>murphy</username>

</actionStatusResponse> <actionStatusResponse> .... </actionStatusResponse>

<actionHistory>  
Mandatory attributes in Response

* -  actionID
* -  deviceName
* -  username
* -  action
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage ActiveSync Devices or Manage Notes Traveler or Manage iPhones or Manage Androids or Manage BlackBerrys
* -  Access Rights: Read-only Actions

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**Search Action History (v2)**

Request  
GET /device-apis/devices/2.0/searchActionHistory/<billingID>

Definition

* ❖  Search action history by Device ID. If no Device ID is specified, the action history across all devices for the customer is returned
* ❖  Return device change history in addition to action history
* ❖  Get results on specified pages of the Result-set
* ❖  Action type in response is PERSONA\_POL\_UPDATE for persona policy changes and MDM\_POL\_UPDATE for MDM policy changes

Parameters

billingID

deviceId actionType

Required Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Possible values:

* Refresh Device Information
* Locate Device
* Send Message
* Buzz Device
* Lock Device
* Reset Device Passcode
* Update Device Certificate
* Selective Wipe
* Revoke Selective Wipe
* Wipe Device
* Cancel Pending Wipe
* Change Policy
* Change Rule Set
* Change Plan
* Remote Control Device
* Remove Control
* Hide Device Record
* User Authentication
* Approve Device
* Block Device   
  Remove device from Mailbox server  
  Starting time when the action was executed Ending time when the action was executed Administrator who executed the action Possible values:
* Pending
* Complete Failed   
  Possible values: Yes, No (Def)  
  If Yes, then return only Compliance Events  
  Limit number of devices returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50.  
  Results specific to a particular page. Default is first page.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image

Optional

Image Image Image

actionExecutionTimeFrom actionExecutionTimeTo actionExecutedBy actionStatus

complianceEventsOnly pageSize

pageNumber

Optional Optional Optional

Optional Optional

Optional

Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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Sample Request

*https://services.fiberlink.com/device- apis/devices/2.0/searchActionHistory/1101234?deviceId=a1b2c3&pageSize=25&pageNumber=1*

Sample Response

<?xml version="1.0" encoding="UTF-8" standalone="yes"?> <history>  
<actionStatusResponses>

<action>MDM\_LAST\_KNOWN\_LOCATION</action> <actionExecutedBy>4174790\_raj</actionExecutedBy> <actionExecutionTime>2022-11-10 14:17:52.0</actionExecutionTime> <actionID>57666683</actionID> <actionStatus>SUCCESS</actionStatus>

<comments>Viewed Last known location action</comments> <deviceId>ApplDLXNQ294FCM5</deviceId> <deviceName>Mg'ipad</deviceName> <errorDescription></errorDescription> <ipAddress>127.0.0.1</ipAddress> <platformName>iOS</platformName>

<result><result>

<username>mahesh</username> </actionStatusResponses>

<count>1</count> <pageNumber>1</pageNumber> <pageSize>1</pageSize> </history>

Mandatory attributes in Response

* -  actionID
* -  deviceName
* -  username
* -  action
* -  actionStatus   
  Access Control
* -  Customer Properties: Manage ActiveSync Devices or Manage Notes Traveler or Manage iPhones or Manage Androids or Manage BlackBerrys
* -  Access Rights: Read-only Actions

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**Create New Device Custom Attribute**

Request  
POST https://<host>/device-apis/devices/2.0/customAttributes/customer/<billingId>

Definition

❖ Create new custom attributes for a given name and type (and enum values in case of enum type) ❖ Authorization header: MaaS token=”<ADMIN\_AUTH\_MAAS\_TOKEN>”

Parameters

billingId

name type

enumValues defaultEnumValueIndex

Sample JSON Request

Required

Required Required

Optional

Billing ID of the account for which the web-service is being executed  
Name of the custom attribute being created  
Type of custom attribute being created. Possible values: boolean, date, enum, number, text

Values for enum, required only if attributeType is enum  
Index of enum value that should be selected by default. For example, if enumValues = ["value1", "value2], value1 and the default enum value for defaultEnumValueIndex should be 0, while value2 and the default enum value for defaultEnumValueIndex should be 1

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image

{  
"name":"<attribute name>",  
"type":"<attribute type>",  
"enumValues":["value1", "value2", ..], "defaultEnumValueIndex":<default enum index value>

}

Sample JSON Response

{  
"billingId": <billing id>,  
"name": "<attributeName>", "responseCode": <Response Code>

}  
Response Code Messages

* 0  Custom Attribute created successfully
* 1  Unknown error occurred while adding Custom   
  Attribute
* 2  Custom attribute name   
  requires at least one non   
  space character
* 3  No Custom Attribute type   
  available with the given type
* 4  You have reached the number of Custom

When a Custom Attribute is created successfully without any errors  
When an internal error occurs

When an empty name is supplied  
When the given type of Custom Attribute is invalid

When the number of Custom Attributes present already reached the limit

|  |  |  |
| --- | --- | --- |
| Response code | Message | Scenario |

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Image Image Image Image Image

Attributes that can be created for your Account. You can create a maximum of 23 Custom attributes - 5 of which can be of Enum type, 10 can be Text values, 3 can be of Date values and 5 can be of Boolean or Integer values

Image Image Image

5

6 7 8

9

10

Access Control  
- Customer

Custom Attribute of type enum requires at least one non-empty enum value Custom Attribute enum values should be unique Another attribute exists with the same name Custom Attribute name exceeds maximum length

Invalid default enum value provided for custom attribute

When the enum type custom attribute is requested with no enum values provided

When duplicate enum values are provided

When the Custom Attribute name provided is already in use  
When the Custom Attribute name exceeds the maximum number of allowed characters (currently 255)

When the Custom Attribute name contains invalid characters

When the default enum index is invalid

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Custom Attribute name does not support the following special characters: period (.),less than (<) and greater than (>)

Image Image Image Image Image Image

Properties: Enable Web Services

- Access Rights: Manage Device Custom Attributes

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**Get All Device Custom Attributes for a Given Organization**

Request  
GET /device-apis/devices/2.0/customAttributes/customer/<billingID>

Definition

❖ Get all device custom attributes for a given billing ID.  
❖ Request headers: Authorization MaaS token="<ADMIN\_AUTH\_MAAS\_TOKEN>"

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

Sample Request

*GET https://<host>/device-apis/devices/2.0/customAttributes/customer/<billingID>*

Sample Response  
For valid authorization and sufficient privileges:

Response Status Code when custom attribute is added without errors: 200 Response Status Code when unknown internal error occurs: 500

Response Body: {

"attributes" : [ {

"name":"<attribute name>",

"type":"<attribute type>" },

{  
"name":"<attribute name>", "type":"<attribute type>", "enumValues":["value1", "value2", ..], "defaultEnumValue":<default enum value>

}, . .

] }

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|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

Response Body Details:

name type

enumValues defaultEnumValue

In case of invalid authorization: Response Code: 401

boolean, date, enum, number, text

Name of the custom attribute Type of custom attribute

Values for enum, will only be present if type is enum Value of enum which is selected by default

|  |  |  |
| --- | --- | --- |
| Parameter Name | Possible Values | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

In case of insufficient privileges: Response Code: 403

Sample Success Response

{  
"billingId": 23456899, "attributes" : [

{  
"name":"lastUpdateDate", "type":"date"

}, {

}, . .

] }

Access Control

* -  Customer Properties: Enable Web Services
* -  Access Rights: Manage Device Custom Attributes

"name":"lastUpdateType",  
"type":"enum",  
"enumValues":["software", "hardware", ..], "defaultEnumValue":"software"

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**Migrate to Work Profile**

Request  
POST /device-apis/devices/1.0/migrateToWorkProfile/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Sends a migration request to the selected device to migrate the the device from Device Admin deployment mode to Profile Owner (Work Profile) mode.

Parameters

billingID Required deviceId Required

Request Headers

Authorization: MaaS token="<Auth Token>"

Sample Request

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

*POST https://services.fiberlink.com/device- apis/devices/1.0/migrateToWorkProfile/1101234?deviceId=a1b2c3*

Sample Response

<actionResponse>  
<actionID>12345</actionID>  
<actionStatus>0</actionStatus>  
<description>The action was executed successfully on the device.</description> <maas360DeviceID>a1b2c3 </maas360DeviceID>

</actionResponse>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  actionStatus   
  Access Control
* -  Customer Properties: Enable Android DA to PO Migration
* -  Access Rights: Wipe Device

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**Mark Device as Lost**

Request  
POST https://<services-url>/apple-api/devices/2.0/customer/<billingId>/device/<deviceId>/action

**Content Type Header:** application/json Definition

❖ Marks a device as lost. Supported on ios 9.3+ supervised device. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

deviceId  
action phoneNumber message  
footNote comments playLostModeSound

Request Headers

Required

Required Required Optional Optional Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device markDeviceAsLost

number to display message to display footNote to display comments to display true/false

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Authorization: MaaS token="<Auth Token>"

Sample Request

*POST https://services.fiberlink.com/apple- apis/devices/2.0/customer/50122873/device/ApplF9FST1KXHGJ1/action*

Sample Response

<actionResponse>  
<actionID>107000387</actionID>  
<actionStatus>0</actionStatus>  
<description>Mark device as lost action is scheduled successfully on the device.</description>

</actionResponse>  
Mandatory attributes in Response

* -  Status
* -  actionID (Not applicable when status = 1)
* -  description   
  Access Control
* -  Customer Properties: Manage iPhones
* -  Access Rights: Action Management

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**Mark Device as Found**

Request  
POST https://<services-url>/apple-api/devices/2.0/customer/<billingId>/device/<deviceId>/action

**Content Type Header:** application/json Definition

❖ Marks a device as found. Supported on ios 9.3+ supervised device. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

deviceId action Comments

Request Headers

Required

Required Required Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device markDeviceAsFound

Comments to display

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Authorization: MaaS token="<Auth Token>"

Sample Request

*POST https://services.fiberlink.com/apple- apis/devices/2.0/customer/50122873/device/ApplF9FST1KXHGJ1/action*

Sample Response

<actionResponse>  
<actionID>107000388</actionID>  
<actionStatus>0</actionStatus>  
<description>Mark device as found action is scheduled successfully on the device.</description>

</actionResponse>  
Mandatory attributes in Response

* -  Status
* -  actionID (Not applicable when status = 1)
* -  description   
  Access Control
* -  Customer Properties: Manage iPhones
* -  Access Rights: Action Management

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**Locate Device Marked as Lost**

Request  
POST https://<services-url>/apple-api/devices/2.0/customer/<billingId>/device/<deviceId>/action

**Content Type Header:** application/json Definition

❖ Locates devices that are marked as lost. Supported on ios 9.3+ supervised device. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

deviceId action

Request Headers

Required

Required Required

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device locateDeviceMarkedAsLost

Image Image Image Image Image Image Image Image Image Image Image Image

Authorization: MaaS token="<Auth Token>"

Sample Request

*POST https://services.fiberlink.com/apple- apis/devices/2.0/customer/50122873/device/ApplF9FST1KXHGJ1/action*

Sample Response

<actionResponse>  
<actionID>107000387</actionID>  
<actionStatus>0</actionStatus>  
<description>Locate device marked as lost action was executed successfully on the

device.</description> <latitude>13.030775265668632</latitude> <longitude>77.60956797573103</longitude> </actionResponse>

Mandatory attributes in Response

* -  Status
* -  actionID (Not applicable when status = 1)
* -  description   
  Access Control
* -  Customer Properties: Manage iPhones
* -  Access Rights: Action Management

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**Device Enrollment**

**Create Device Enrollment**

Request  
POST /device-apis/devices/1.0/enrollDevice/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Creates an enrollment request and returns the enrollment details to be used for device enrollment. ❖ Relevant for Passcode, AD and 2-Factor authentication customers

Parameters

billingID

userName domain emailAddress country phoneNumber ownership

emailUser emailAdmin emailOther

sendSMSUser enrollWithMdm

workplacePolicy platform

policySet

ruleSet  
dataPlan overrideAuthMode

Required

Required Required Required Optional Optional

Optional Optional Optional

Optional

Optional

Optional

Optional Optional Optional

Billing ID of the account for which the web-service is being executed

Possible values:

* -  0: Corporate Owned
* -  1: Employee Owned
* -  2: Corporate Shared
* -  3: Provide Later   
  Possible values: Yes, No  
  Possible values: Yes, No  
  Any other email address to which enrollment should be sent  
  Possible values: Yes, No  
  Applicable only for mixed mode customers. Applicable only for mixed mode customer. This parameter is not considered for MDM/MAM/SPS customers. Decides the type of Add device request:
* Yes - Creates enrollment request for mixed mode customer.
* No - Creates activation request for mixed mode customer.   
  Workplace policy to be assigned. Supported only for customers with Workplace policy defined  
  Possible values:  
  - iOS   
  - Android  
  - Windows Phone 7  
  - BlackBerry  
  - Windows  
  - Mac  
  Only Platforms corresponding to services enabled for the billing account will be accepted  
  Only policies for the specified platform will be accepted. Also for Windows Phone 7, Windows and Mac no policies are accepted currently

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image

Relevant only for AD customers. Possible values:

Image Image Image Image Image Image

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Image Image Image Image Image Image Image Image Image

comments customAttributes

authTypePostEnrollment

useAndroidWork

androidWorkAccountType

seamlessEnrollment

enrollWithUserEnrollmentMode

licenseNames

Optional

- 0: Corporate Credentials - 1: Passcode

<customAttributes>  
<customAttribute> <customAttributeName>attr1</customAttributeName> <customAttributeValue>true</customAttributeValue> </customAttribute>  
<customAttribute>  
< customAttributeName >attr2</ customAttributeName > <customAttributeValue>val1</customAttributeValue> </customAttribute>  
</customAttributes>  
Applies to AD customers only. Can be used with *overrideAuthMode* and usable with Passcode only value (1). Possible values:  
- 0: Corporate  
- 1: Local  
Used by Android for Work configured accounts. Possible Values: True or False  
True creates the Android for Work enrollment request if configured to use Android for Work.  
Used by EMM managed accounts.  
Possible Values: device or user  
User is the default Android for Work account type if the account is EMM managed.  
Seamless passcode enrollment is not recommended as there are security risks associated. Contact support team if you want to use this feature.  
Applicable only for customer mode with passcode authType. Possoble values: True or False. True-Creates enrollment request with encrypted passcode.  
False-Creates activation request without encrypted passcode.  
Enrols a device in iOS User Enrollment mode.  
Valid only for Employee Owned iOS devices.  
Seamless enrollment is not supported  
Managed Apple ID is a prerequisite for User Enrollment.  
overrideAuthMode is not supported.

Possible values: True, False  
True - creates the user enrollment mode enrollment request  
Enter the MaaS360 service license bundle (MaaS360 Part Name) to which you want to enroll a device.

Possible Values: Provide only the MaaS360 service license bundles (MaaS360 Part Name) corresponding to the customer.  
For example:

|  |
| --- |
| Optional |
| Optional |
| Optional |
| Optional |
| Optional |
| Optional |
| Required only if License Management is enabled for the customer. |

* Essentials Suite
* Premier Suite
* Deluxe Suite
* Enterprise Suite
* Management Suite
* Productivity Suite

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Note:

* The MaaS360 service license bundles   
  corresponding to a customer can be obtained from MaaS360 Portal > Setup > License Management > License Overview > MaaS360 Part Name
* Enter comma separated values
* The input values are case sensitive

Image Image Image Image Image Image

Sample Request

POST *https://services.fiberlink.com/device- apis/devices/1.0/enrollDevice/1101234/?userName=example& domain=example.com&emailAddress=abc@example.com*

Sample Response

<deviceEnrollment> <url>https://iqservices1v.fiberlink.com/dp/a.htm?t=1652-2231118&c=2014622</url> <corporateIdentifier>2014622</corporateIdentifier>  
<passcode>32brtr8</passcode>  
<qrCodeURL>

*http://www.google.com/chart?cht=qr&chs=200x200&chl=https://iqservices1v.fiberlink.com/dp/a.htm?t =1652-2231118&c=2014622</qrCodeURL*>

<enrollmentId>12126</enrollmentId> </deviceEnrollment>

Mandatory attributes in Response

* -  url
* -  corporateIdentifier
* -  passcode
* -  qrCodeURL   
  Access Control
* -  Customer Properties: Enable Device View
* -  Access Rights: Manage Device Enrollments

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**Manage Device Enrollments**

Request  
GET /device-apis/devices/1.0/manageDeviceEnrollments/<billingID>

Definition

❖ Returns the various Device Enrollments created for the billing account  
❖ Enrollments can be filtered by Request Creation Date, Username, Status, Administrator Username – In

case of more than 1 criteria is specified, enrollments that meet all the criteria will be returned ❖ If request creation date range is not returned, then return requests created in last 90 days

Parameters

billingID requestCreationFromDate requestCreationToDate partialUsername  
status

partialAdminUsername includeCustomAttributes pageSize

pageNumber enrollmentId phoneNumber

Sample Request

Required Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
Starting date from which the enrollment request was created

Ending date on which the enrollment request was created  
Partial Username using which the enrollment was created

Possible values: 0 - "New"  
1 - "Pending"  
2 - "Complete" 3 - "Failed"

4 - "Exceeded"  
5 - "Expired"  
6 - "Deleted"  
7 - "PendingSecurityAssessment"

**Note:** Use the text value for this parameter. For example: status=New  
Partial Administrator Username of the Administrator who created the enrollment request

Possible values: 0 (do not include in response; Default), 1 (include in response)  
Limit number of requests returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50.

Results specific to a particular page. Default is first page  
Enrollment ID of the account for which the web-service is being executed

Phone number specified while creating enrollment request for the device

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image

Optional Optional Optional

Optional Optional Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device-apis/devices/1.0/manageDeviceEnrollments/1101234*

Sample Response

<deviceEnrollments> <count>1000</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <deviceEnrollment>

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<requestDate>2016-10-12T05:21:45Z</requestDate> <platform>iOS</platform>  
<domain>Corporate</domain>  
<username>jsmith</username> <emailAddress>jsmith@example.com</emailAddress> <policySet>Corporate Policy</policySet>  
<status>2</status> <registrationDate>2016-10-12T05:24:29.551Z</registrationDate> <registeredDeviceName>James’ iPhone</registeredDeviceName> <errorInformation></errorInformation> <requestedBy>admin@example.com</requestedBy> <Id>12126</Id>

<phoneNumber>9871235460</phoneNumber> <maas360DeviceID>ApplCCQDKLC6DCP7</maas360DeviceID> <CustomAttributes>

<customAttribute> <customAttributeName>Boolean</customAttributeName> <customAttributeValue>true</customAttributeValue>

</customAttributes> <customAttributes>

<customAttributeName>Enum</customAttributeName>

<customAttributeValue>one</customAttributeValue> </customAttribute>

</CustomAttributes> </deviceEnrollment>

</deviceEnrollments>  
Mandatory attributes in Response

* -  requestDate
* -  platform
* -  username
* -  emailAddress
* -  status
* -  requestedBy Access Control   
  Customer Properties: Enable Device View   
  Access Rights: Manage Device Enrollments

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**Groups**

**Get User & Device Groups**

Request  
GET /group-apis/group/1.0/groups/customer/<billing\_id>

Definition

❖ Get all Device Groups (Public, Private & MaaS360 defined) and User Groups available for the currently logged-in Administrator.

❖ MaaS360 defined groups are available in the API response only if active distributions such as policies, apps, or rules are present.

Parameters

billingID Required Billing ID of the account for which the web-service is being executed

Sample Request

*https://services.fiberlink.com/*g*roup-apis/group/1.0/groups/customer/1001234/* Sample Response

<groups> <count>3</count>

<group>  
<createdBy>hsao\_fladmin</createdBy> <createdOn>2016-10-12 16:09:21.344</createdOn> <description>himanshu sao</description> <groupID>341275</groupID>  
<groupName>Hsao-test Group</groupName> <groupType>3</groupType>  
<lastModifiedOn>2016-10-12 16:09:21.344</lastModifiedOn>

</group> <group> ... </group>

</groups>

Possible values for groupType:  
0: MaaS 360 Defined Device Group 1: Private Device Group  
2: Public Device Group  
3: Local User Group  
4: User Directory User Group

Mandatory attributes in Response

* -  groupID
* -  groupName
* -  groupType
* -  createdBy
* -  createdOn
* -  lastModifiedOn   
  Access Control
* -  Customer Properties: Enable Device View
* -  Access Rights: Device Views – View Only   
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|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

**Search Devices by Device Group**

Request  
GET /device-apis/devices/1.0/searchByDeviceGroup/<billingID>

Definition

❖ Get devices belonging to a Device Group  
❖ Get results on specified pages of the Result-set

Parameters

deviceGroupId pageSize

pageNumber billingID

sortAttribute sortOrder

Sample Request

Required Optional

Optional Required

Optional Optional

ID of the Device Group for which the devices need to be retrieved  
Limit number of devices returned at one time.  
Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50.

Results specific to a particular page. Default is first page Billing ID of the account for which the web-service is being executed  
Keys: lastReported, installedDate

Keys: asc, dsc

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device- apis/devices/1.0/searchByDeviceGroup/1101234?deviceGroupId=12345&pageSize=25&pageNumber=2&sort Attribute=installedDate&sortOrder=asc*

Sample Response

<devices> <count>1000</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <device>

<maas360DeviceID>a2e13f</maas360DeviceID> <deviceName>BBFLLT3337</deviceName> <customAssetNumber>09026</customAssetNumber> <ownership>Employee Owned</ownership> <deviceOwner>Stephen Murphy</deviceOwner> <username>smurphy</username> <emailAddress>smurphy@example.com</emailAddress> <platformName>Windows</platformName> <sourceID>1</sourceID> <deviceType>Laptop</deviceType> <manufacturer>Lenovo</manufacturer> <model>T400</model>

<osName>Microsoft Windows XP</osName> <osServicePack>SP2</osServicePack> <imeiEsn>3456789019202019</imeiEsn> <udid>8e380a56a937cce81620b143359d3404498dd638</udid> <wifiMacAddress>09:AB:12:12:21:13</wifiMacAddress> <installedDate>2016-10-12T07:15:50</installedDate> <lastReported>2016-10-12T20:08:08</lastReported> <deviceStatus>Active</deviceStatus>  
<maas360ManagedStatus>Not Enrolled</maas360ManagedStatus> <mailboxManaged>ActiveSync Managed</mailboxManaged> <mailboxDeviceID>Appl1234567</mailboxDeviceID> <mailboxLastReported>2016-10-13T08:12:30</mailboxLastReported>

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</device> <device> ... </device>

</devices>  
Mandatory attributes in Response

* -  maas360DeviceID
* -  deviceName
* -  username
* -  platformName
* -  deviceType
* -  lastReported
* -  deviceStatus
* -  unifiedTravellerId (Applicable to all devices. Consists of the ActiveSync mailbox ID, or iOS’s   
  Exchange ID, or deviceID)   
  Access Control   
  Customer Properties: Enable Device View Access Rights: Device Views – View Only

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**Search Users by Group**

Request  
GET /user-apis/user/1.0/searchByGroup/customer/<billingID>/groupIdentifier/<groupID>

Definition

❖ Returns users in a User Group (Currently not supported for Device Group) ❖ Get results on specified pages of the Result-set

Parameters

billingID

groupIdentifier includeAllUsers

pageSize

pageNumber Sample Request

Required

Required Optional

Optional Optional

Billing ID of the account for which the web-service is being executed

Possible values:  
- 0: Include users with devices only (Default)  
- 1: Include all users  
Limit number of devices returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50.  
Results specific to a particular page. Default is first page

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/user- apis/user/1.0/searchByGroup/customer/2047022/groupIdentifier/620532?includeAllUsers=0&pageSize=25 &pageNumber=1*

Sample Response

<users>  
<count>1000</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <user>

<userIdentifier>B3A139685EF3719620211A7A99AD0E34</userIdentifier> <userName>abarnes</userName> <emailAddress>smurphy@example.com</emailAddress> <domain>Fiberlink</domain>

<status>Active</status> <location>Bangalore</location>  
<source>0</source>  
<authType>0</authType>  
<createDate>Oct 12, 2016 8:54:53 AM</createdDate> <updateDate>Oct 12, 2016 4:10:35 PM</updateDate> <groups>

<group>  
<groupId>12345</groupId>

<name>Sales</name>

<groupDN>cn=Sales,DC=Acmecorp,DC=com<groupDN>##This has value only for User Directory Groups

<group>

... </groups>

<userCustomAttributes> <customAttribute>

<customAttributeName>home</customAttributeName> <customAttributeValue>msn.com</customAttributeValue>

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</cusomAttribute> </userCustomAttributes>

</user> <user> ... </user>

</users>  
Mandatory attributes in Response

* -  userIdentifier
* -  userName
* -  domain
* -  emailAddress
* -  source
* -  status
* -  createDate
* -  updateDate   
  Access Control   
  Customer Properties: Enable User View for Customer Access Rights: Users - Read Only

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**Get Group level distributions**

Request

GET group- apis/group/1.0/distributions/customer/<billing\_id>/group/<group\_identifier>/type/<dist\_type\_integer>

Definition

❖ Returns following types of distributions made on a User / Device Group o 1: Automated Request

o 2: Policy  
o 3: Rules  
o 4: Apps  
o 5: Docs  
o 6: Corporate Doc Shares o 7: Group Based Rules

o 8: Locations Parameters

customer

group\_identifier type

Sample Request

Required Required

Billing ID of the account for which the web-service is being executed  
Group for which details have to be retrieved  
Type of distributions that are needed:

* -  1: Automated Enrollment Request
* -  2: Policy
* -  3: Rules
* -  4: Apps
* -  5: Docs
* -  6: Corporate Doc Shares
* -  7: Group Based Rules
* -  8: Locations

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Required

Image Image Image Image Image Image

*https://services.fiberlink.com/user- apis/group/1.0/distributions/customer/1001234/group/1234/type/5/*

Sample Response For Apps:

<distributions> <distribution>

<category>App</category> <name>usergrp</name> <type>IOS\_WEB\_CLIP</type>

</distribution> </distributions>

For Docs:

<distributions> <distribution>

<category>Doc</category> <name>apns\_certs</name> <type>txt</type>

</distribution> </distributions>

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For Automated Enrollment Requests

<distributions> <distribution>

<category>AutomatedRequest</category>

<type>ENROLLMENT</type> </distribution>

</distributions>  
For Automated Activation Requests <distributions>

<distribution> <category>AutomatedRequest</category> <type>ACTIVATION</type>

</distribution> </distributions>

For Rule set

<distributions> <distribution>

<category>Rule</category>

<name>RuleSet\_Mon16022015\_101410</name> </distribution>

</distributions> For Policies <distributions>

<distribution> <category>Policy</category>

<name>Default Android MDM Policy</name>

<type>Android MDM</type> </distribution>

</distributions>  
Mandatory attributes in Response

-

Access Control  
Customer Properties: Enable Device View

Access Rights: Device View – Read Only

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**Get Search Criteria Options**

Request  
GET https://<host>/group-apis/group/2.0/searchCriteria/customer/<billing\_id>

Definition

❖ Get All possible search criteria for a given organization

o o

Parameters

billing\_id

Sample JSON Response {

“searchCriteriaOptions": { "conditions": [

Required

Billing ID of the account for which the web-service is being executed

Authorization header: MaaS token=<ADMIN\_AUTH\_MAAS\_TOKEN> Accepts XML or JSON headers

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

{  
"category": "Hardware Inventory", "attributes" : [

{  
"attribute": "Enrollment Mode (Inactive)", "type": "enum",  
"criterias": [

"Equal To",

"Not Equal To" ],

"possibleValues": [ "Manual",

"Apple Configurator",

"DEP" ]

}, . .

] },

.

. ],

"criteriaOperator": [  
"All Conditions (AND)",  
"Any Condition (OR)",  
"Across Conditions (Advanced)"

], "deviceStatus": [

"Active Devices", "Inactive Devices", "All Devices"

], "deviceTypes": [

"Smartphones",

"Tablets" ],

"lastReported": [

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"Last 15 Minutes", "Last 1 Hour", "Today",  
"Last 7 Days",

.

. ]

} }

}

Access Control  
Customer Properties: Enable Web Services

Access Rights: View Devices

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**Create Device Groups**

Request  
POST https://<host>/group-apis/group/2.0/deviceGroups/customer/<billing\_id>

Definition

❖ Create a device group with search criteria

o o

Parameters

billing\_id  
Sample JSON Request

{

Required

Billing ID of the account for which the web-service is being executed

Authorization header: MaaS token=<ADMIN\_AUTH\_MAAS\_TOKEN> Accepts XML or JSON headers

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

"groupName" : "<group name>",  
"groupDescription" : "<group description>", "deviceStatus" : "<device status>",  
"lastReported" : "<last reported>",  
"criteriaOperator" : "<criteria operator>", "deviceTypes" : [ "device type 1", "device type 2", ..] "conditions" : [

{  
"category" : "<category name>", "attribute" : "<attribute name>", "criteria" : "<criteria>",  
"value1" : "<value 1>",  
"value2" : "<value 2>"

}  
Sample Request Parameters

groupName groupDescription deviceStatus

lastReported

deviceTypes

criteriaOperator

conditions category attribute

criteria value1 value2

Required Optional Optional

Optional Optional Optional

Optional Required Required

Required Required Optional

Name of the device being created. Description of the group being created.

Status of the device being searched for. Default: Active Devices  
Search includes devices last reported in this time. Default: Last 7 Days

Types of devices to include in search. Default: All available types are included  
Decides if the devices meet all or any one condition provided. Default: All Conditions (AND)

Conditions for search criteria, maximum of 10 Category name on which condition is being constructed

Attribute name on which condition is being constructed. Requires the category parameter.  
Criteria to be used for comparison of values. Requires the attribute parameter.

Value of the attribute. Requires the criteria parameter and the attribute parameter.  
Second value of the attribute. Use if criteria such as “between” is used.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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Sample JSON Response {

"response": {  
"billingId": 40006999,

"groupIdentifier": 4491847, "name": "fromWebService3", "responseCode": 0

}  
Response Code Messages

* 0  Group created successfully
* 1  Unknown error occurred while creating device group
* 2  Add device group workflow is not supported
* 3  Group name contains one or more following illegal   
  characters: & \* < >
* 4  Group name is empty
* 5  Group description contains one or more following illegal   
  characters: ^ & < >
* 6  Device group with the   
  provided name already exists
* 7  Invalid value provided for   
  deviceStatus
* 8  Invalid value provided for   
  lastReported
* 9  Invalid value operator   
  provided for criteriaOperator
* 10  Invalid values provided for deviceTypes
* 11  Number of conditions provided exceed 10
* 12  Invalid value provided for category
* 13  Invalid value provided for attribute
* 14  Invalid value provided for   
  criteria
* 15  Two values are required for   
  "Between" criteria
* 16  At least one invalid value   
  provided for attribute of type   
  date/timestamp
* 17  At least one invalid value   
  provided for attribute of type   
  number/double
* 18  At least one invalid value   
  provided for attribute of type   
  integer
* 19  No value is provided in   
  condition for comparision

When the group is created successfully without any errors  
When an internal error occurs

When the user doesn't have enough privileges to create device group  
When the group name contains illegal characters

When the group name that is provided is empty When the group description contains illegal characters

When a group already exists with the provided group name  
When the value provided for the deviceStatus is not "Active Devices","Inactive Devices","All Devices" When an invalid value is provided for lastReported

When the value provided for criteriaOperator provided is not "All Conditions (AND)", "Any Condition (OR)", "Across Conditions (Advanced)"  
When the deviceTypes contain invalid or unavailable values  
When the number of conditions provided is more than 10  
When an invalid value is provided for category

When an invalid value is provided for attribute When an invalid value is provided for criteria

When "Between" criteria is provided but only one valid value is specified  
When the value for date is not in epoch milliseconds format or empty

When an invalid value is provided for attributes of number/double format

When an invalid value is provided for attributes for the integer format

When at least one value is not provided for comparison in the condition

|  |  |  |
| --- | --- | --- |
| Response code | Message | Scenario |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**130**

Image Image Image Image Image Image

* 20  Second value provided in condition unnecessarily
* 21  Invalid value provided for enum type attribute
* 22  Invalid value provided for boolean type attribute
* 23  Advanced criteriaOperator is not yet supported

Access Control  
Customer Properties: Enable Web Services

Access Rights: Create Device Group

When non "Between" criteria is selected but second value is provided  
When an enum attribute is selected, but the comparison value provided is not one of the values in the enum definition

When enum attribute is selected, but the value provided is not “Yes" or "No"  
When Advanced search criteria is provided, but it’s not yet available for general use

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**131**

**Create User Groups**

Request  
POST https://<host>/group-apis/group/1.0/userGroups/customer/<billing\_id>

Definition

❖ Create a user group  
o Authorization header: MaaS token=<ADMIN\_AUTH\_MAAS\_TOKEN> o application/x-www-form-urlencoded

Parameters

billing\_id userGroupName

maas360UserIdsList parentGroupIdsList groupDescription

availableFor

Required

Billing ID of the account for which the web-service is being executed  
Name of the user group.  
The name cannot be empty or use only spaces. The name should not contain the following special characters: < > \* , = & "

The maximum length of the group name is 54 characters.  
You can replace the following characters with the encoded format:

* & can be replaced with %26
* % can be replaced with %25   
  The user IDs of users who should be a part of this user group.  
  The group IDs of the parent group. (Applies to nested groups).   
  Description of the user group.  
  The description should not contain the following special characters: < > \* = & "  
  The maximum length of the group description is 255 characters.  
  You can replace the following characters with the encoded format:
* & can be replaced with %26
* % can be replaced with %25   
  Use one of the following:

• ADMIN\_ACCESS\_CONTROL (Applies to customers with "Enable Access Control based on User Groups" turned on)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image

Required

Image Image Image Image Image Image

Optional Optional

Image Image Image Image Image Image

|  |
| --- |
| Optional |
| Optional |

* SECURITY
* APPS
* DOCS (Applies to customers with "Enable   
  Document management(Beta)" turned on)
* PLANS (Applies to customers with "Enable   
  Telecom Expense Management" turned on)

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**132**

Sample XML Response (Success)

<group> <description>abc,def^a</description> <groupId>9294173</groupId> <name>abc\_test\_9</name>

</group>

Sample XML Response (Failure)

<group> <errorCode>6</errorCode> <name>abc\_test\_9</name>

</group>  
HTTP Status Code Errors

|  |  |  |
| --- | --- | --- |
| HTTP Status code | Error code | Meaning |
| 403 | 1 | Unable to create group due to insufficient previlages – Check that all required customer properties are turned on. |
| 400 | 2 | billingId cannot be empty. |
| 400 | 3 | userGroupName cannot be empty. |
| 400 | 4 | userGroupName contains one or more of the following invalid characters < > \* , = & " or exceeds 54 characters in length. |
| 400 | 5 | groupDescription contains one or more of the following invalid characters < > \* = & " or exceeds 255 characters in length. |
| 400 | 6 | The user group with the provided name already exists. |
| 403 | 7 | The nested groups feature is unavailable for the customer . |
| 400 | 8 | parentGroupIdsList contains IDs in an invalid format |
| 403 | 9 | The customer does not support one or more of the work flows specified inavailableFor. |
| 400 | 10 | availableFor contains duplicate values. |

Access Control

Customer Properties: Enable Web Services and User Management Type - "MaaS360 Local Account" or "User Directory (MaaS360 Managed Groups)"  
Access Rights: User Views – Add User and Device or higher

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**Create Device Group Refresh Request**

Request  
PUT https://<host>/group-apis/group/2.0/deviceGroupRefreshRequest/customer/<billing\_id>

Definition

❖ Create a device group refresh

o o o

Parameters

billing\_id groupID

Authorization header: MaaS token=<ADMIN\_AUTH\_MAAS\_TOKEN> Accept: application/xml or application/json  
Content-Type: application/x-www-form-urlencoded

Required Billing ID of the account for which the web-service is being executed

Required Group ID of the group that is being refreshed.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image

Sample JSON Response (Valid authorization and input format)

Response Code: 201 Response Body:  
{

"response": {  
"billingId": <billing\_id>,  
"responseCode": 0,  
"remainingAttemps": <remaining refresh attempts>

} }

Sample JSON Response (Invalid input, for example: invalid groupID)

Response Code: 400 Response Body:  
{

"response": {  
"billingId": <billing\_id>,  
"responseCode": <appropriate response code>

} }

Sample JSON Response (More than 500 refresh requests made per day for a given billing ID)

Response Code: 429 Response Body:  
{

"response": {  
"billingId": <billing\_id>, "responseCode": 2

} }

Response Header: retry-after: Time seconds after which requests are accepted. For example, 12345 Invalid authorization: Response code: 401

Sample Request

PUT https://services.fiberlink.com/group- apis/group/2.0/deviceGroupRefreshRequest/customer/30074291

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Response Body Details

|  |  |  |  |
| --- | --- | --- | --- |
| HTTP Status code | Response Code | Message | Scenario |
| 201 | 0 | Refresh request created successfully | When refresh request is created successfully |
| 500 | 1 | Unknown error occurred while creating refresh request | When internal error occurs |
| 429 | 2 | Device Group refresh limit reached for the day (as per UTC). Please try again tomorrow  Note: The global rate limit for group-apis takes precedence over device group refresh limit so, if attempts for group-apis exceed the limit then no calls can be made to this web-service even if less than 500 calls are made that day. | When more than 500 device group refreshes are requested in a day for a given billing id |
| 400 | 3 | groupID provided doesn't correspond to any Device Group | When the groupID provided belongs to a non-device group |
| 400 | 4 | groupID provided is invalid | When the groupID provided doesnt correspond to any group |
| 400 | 5 | groupID cannot be empty | When groupID parameter is not provided |
| 400 | 6 | The device group has no distributions and cannot be refreshed | When there are no distributions and cannot be refreshed |

Access Control

Customer Properties: Enable Web Services Access Rights: Manage Groups

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**My WatchList**

**Get WatchLists**

Request  
GET /device-apis/devices/1.0/getWatchLists/<billingID>/

Definition

❖ Refresh the value of all WatchLists relevant for the account and return the latest values for these Parameters

billingID Required Billing ID of the account for which the web-service is being executed

Sample Request

*https://services.fiberlink.com/device-apis/devices/1.0/getWatchLists/1101234/*

Sample Response

<watchLists> <count>50</count>

<watchList>  
<alertType>INFO</alertType> ##Possible values: INFO, SECURITY <shortText>Inactive Devices</shortText> <watchListName>dv\_old\_av\_def</watchListName> <watchListCategories>

<watchListCategory>Desktop Management</watchListCategory>

<watchListCategory>Mobile Device Management</watchListCategory> ## Possible values: Desktop Management, Mobile Device Management </watchListCategories>  
<watchListDescription>”Devices Not Reported in Last 7 days.”</watchListDescription > <watchListShortDescription>Inactive Devices</watchListShortDescription> <watchListValue>10</watchListValue>

</watchList> <watchList> ... </watchList>

</watchLists>  
Mandatory attributes in Response

* -  watchListName
* -  watchListDescription
* -  watchListValue   
  Access Control  
  Customer Properties: Enable Device View   
  Access Rights: Device Views – View Only

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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**Search by WatchList**

Request  
GET /device-apis/devices/1.0/searchByWatchList/<billingID>

Definition

❖ Get devices that are included in a WatchList  
❖ Get results on specified pages of the Result-set

Parameters

*watchListName* Required pageSize Optional

pageNumber Optional billingID Required

Sample Request

Name of the WatchList for which the devices need to be retrieved  
Limit number of devices returned at one time.  
Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50.

Results specific to a particular page. Default is first page Billing ID of the account for which the web-service is being executed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/device- apis/devices/1.0/searchByWatchList/<billingID>?watchListName=dv\_old\_av\_def&pageSize=50&pageNumb er=2*

Sample Response

<devices> <count>1000</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <device>

<maas360DeviceID>a2e13f</maas360DeviceID> <deviceName>BBFLLT3337</deviceName> <customAssetNumber>09026</customAssetNumber> <ownership>Employee Owned</ownership> <deviceOwner>Stephen Murphy</deviceOwner> <username>smurphy</username> <emailAddress>smurphy@example.com</emailAddress> <platformName>Windows</platformName> <sourceID>1</sourceID> <deviceType>Laptop</deviceType> <manufacturer>Lenovo</manufacturer> <model>T400</model>

<osName>Microsoft Windows XP</osName> <osServicePack>SP2</osServicePack> <imeiEsn>3456789019202019</imeiEsn> <udid>8e380a56a937cce81620b143359d3404498dd638</udid> <wifiMacAddress>09:AB:12:12:21:13</wifiMacAddress> <installedDate>2016-10-12T10:50:19</installedDate> <lastReported>2016-10-12T19:29:45</lastReported> <deviceStatus>Active</deviceStatus>  
<maas360ManagedStatus>Not Enrolled</maas360ManagedStatus> <mailboxManaged>ActiveSync Managed</mailboxManaged> <mailboxDeviceID>Appl1234567</mailboxDeviceID> <mailboxLastReported>2016-10-12T11:28:59</mailboxLastReported>

</device> <device>

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...

</device> </devices>

Mandatory attributes in Response

* -  maas360DeviceID
* -  deviceName
* -  username
* -  platformName
* -  deviceType
* -  lastReported
* -  deviceStatus   
  Access Control   
  Customer Properties: Enable Device View Access Rights: Device Views – View Only

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**Policy**

**Get Relevant Policies for a Service**

Request  
GET /device-apis/devices/1.0/policies/<billingID>

Definition

❖ Returns all relevant policies for a Service  
❖ Relevant for iOS MDM, Android MDM, Windows Phone MDM, OSX MDM, Exchange ActiveSync, BES, and

Persona Policy

Parameters

billingID service

Sample Request

Required

Billing ID of the account for which the web-service is being executed  
Possible values:

* -  iOS MDM
* -  Android MDM
* -  Windows Phone MDM
* -  OSX MDM
* -  Persona Policy
* -  Exchange ActiveSync
* -  BES

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image

Optional

Image Image Image Image Image Image

*https://services.fiberlink.com/device-apis/devices/1.0/policies/1101234?service=BES*

Sample Response

<policies> <count>10</count>

<policy>  
<policyName>Corporate Policy</policyName> <isDefault>No</isDefault>  
<service>iOS MDM</service>  
<policyStatus>Needs Publish</policyStatus> <publishVersion>8</publishVersion>  
<precedence>1</precedence> <lastModifiedDate>2016-10-12T05:21:01.357Z</lastModifiedDate> <lastPublishedDate>2016-10-12T05:21:01.357Z</lastPublishedDate>

<policy> </policies>

Mandatory attributes in Response

* -  policyName
* -  isDefault
* -  service
* -  policyStatus
* -  lastModifiedDate   
  Access Control   
  Customer Properties: Manage ActiveSync Devices or Manage iPhones or Manage Androids or Manage BlackBerrys  
  Access Rights: Policies (View Only)   
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**Get Enabled Services in a Persona Policy**

Request  
GET /policymgmt-apis/policies/2.0/enabledServices/customer/<billingId>/<policyName>

Definition

❖ Returns all enabled services for a specified Persona policy Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID Required policyName Required

Sample Request

Billing ID of the account for which the web-service is being executed  
Name of the Persona policy

Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/policymgmt- apis/policies/2.0/enabledServices/customer/1101234?policyName=Corporate*

Sample Response

<enabledServices>  
<service>Secure Mail</service>

<service>Gateway for Browser</service> </enabledServices>

Possible Services

* -  App Catalog
* -  Docs Editor
* -  Gateway for Browser
* -  Secure Browser
* -  Secure Browser MaaS360 Enterprise Gateway
* -  Secure Editor for Docs
* -  Secure Mail
* -  Secure Viewer
* -  Workplace App Container   
  Mandatory attributes in Response
* -  enabledServices
* -  service Access Control   
  Access Rights: Policies (View Only)

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**Get Audit of Policy Changes**

Request  
GET /policymgmt-apis/policies/2.0/getPolicyChangesAudit/customer/<billingID>

Definition

❖ Returns audits of all the policy changes made to a billingID of an organization. ❖ NOTE: A maximum of 500 records only are returned per request.

Parameters

billingID fromDate

toDate

pageSize

pageNumber Sample Request

Required

Optional  
NOTE: Required only if toDate is given. Optional  
NOTE: Required only if fromDate is given. Optional

Optional

BillingID of the account for which the web-service is being executed  
Start date for limit of audit

End date for limit of audit

Limit number of audits returned at one time.  
Allowed page sizes: 25, 50, 100, 200, 250.  
Default value: 50  
Results specific to a particular page. Default is first page

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/policymgmt-apis/policies/2.0/getPolicyChangesAudit/customer/90021495*

Sample Response

<policyAudits> <count>9</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize>

<policyAudit>  
<policyName>winpol</policyName> <priority>2</priority>  
<isGlobal>Y es</isGlobal> <modifiedBy>30071972\_testflk</modifiedBy> <modifiedDate>2017-12-18 07:22:22.433</modifiedDate> <actionType>PUBLISHED</actionType>

</policyAudit> <policyAudit>

<policyName>winpol</policyName> <priority>2</priority>  
<isGlobal>Y es</isGlobal> <modifiedBy>30071972\_testflk</modifiedBy> <modifiedDate>2017-12-18 07:22:13</modifiedDate> <actionType>SAVE</actionType>

</policyAudit> </policyAudits>

Authentication Type: PORTAL

Content-Type: application/x-www-form-urlencoded Accept: application/xml OR application/json

Access Control

Customer Properties: Enable Web Services Access Rights: Device View - Read-only

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**Compliance Rules**

**Search Compliance Events**

Request  
GET /device-apis/devices/1.0/searchComplianceEvents/<billingID>

Definition

* ❖  Search compliance events by Device ID. If no Device ID is specified, the compliance events across all devices for the customer is returned
* ❖  Only events for devices that are currently out of compliance will be returned by this API
* ❖  The events are sorted in newest first order
* ❖  Get results on specified pages of the Result-set

Parameters

billingID

deviceId pageSize

pageNumber Sample Request

Required

Optional Optional

Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Limit number of devices returned at one time. (Default value is 50).

Recommended page sizes are 25, 50, 100, 200 & 250 Results specific to a particular page. Default is first page.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

For all devices: *https://services.fiberlink.com/device- apis/devices/1.0/searchComplianceEvents/<billingID>?pageSize=25&pageNumber=1*

Or  
For specific device: *https://services.fiberlink.com/security-*

*apis/compliance/1.0/searchComplianceEvents/1101234?deviceId=a1b2c3&pageSize=25&pageNumber=1*

Sample Response

<complianceEvents> <count>1000</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <complianceEvent>

<deviceName>BBFL1234</deviceName> <platformName>iOS</platformName> <maas360DeviceID>Appl12345678</maas360DeviceID> <username>smurphy</username>

<rule>Restrict Jailbroken and Rooted device </rule>  
<ruleset>Corporate Ruleset</ruleset>  
<action>Selective Wipe</action>  
<actionStatus>Complete</actionStatus> ## Pending, Complete, Failed, Executed in

Exchange Server, etc <actionExecutionTime>2016-10-12T21:10:55Z</actionExecutionTime>

</complianceEvent> <complianceEvent> ....

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</complianceEvent> </complianceEvents>

Mandatory attributes in Response

* -  deviceName
* -  platformName
* -  maas360DeviceID
* -  username
* -  rules
* -  ruleset
* -  action   
  Access Control
* -  Customer Properties: Enable Rules based Actions
* -  Access Rights: Manage Policies

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**Get Audit of Ruleset Changes**

Request  
GET /rule-apis/rules/1.0/getRuleSetAudit/customer/<billingID>

Definition

Returns audits of all the rule changes made to a billing ID of an organization within a time interval.

Parameters

billingID fromDate

toDate pageSize pageNumber

Sample Request

Required

Optional  
NOTE: Required only if toDate is given. Optional  
NOTE: Required only if fromDate is given. Optional

Optional

Billing ID of the account for which the web-service is being executed  
Start date for limit of audit

End date for limit of audit

Limit number of audits returned at one time. Allowed page sizes: 25, 50, 100, 200, 250.  
Default value: 50  
Results specific to a particular page. Default is first page

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.m9.maas360.com/rule-apis/rules/1.0/getRuleSetAudit/customer/90000504*

Sample Response

<ruleAudits>  
<count>8</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize> <ruleAudit>

<ruleSetName>rule2</ruleSetName> <isDefault>Yes</isDefault>  
<priority>2</priority>  
<isGlobal>Y es</isGlobal> <modifiedBy>30071972\_testflk</modifiedBy> <modifiedDate>2017-12-18 07:26:43.480028</modifiedDate> <actionType>UPDATE</actionType>

</ruleAudit> <ruleAudit>

<ruleSetName>rule2</ruleSetName> <isDefault>Yes</isDefault>  
<priority>2</priority> <modifiedBy>30071972\_testflk</modifiedBy> <modifiedDate>2017-12-18 07:26:08.089345</modifiedDate> <actionType>CREATE</actionType>

</ruleAudit>

... </ruleAudits>

Authentication Type: PORTAL

Content-Type: application/x-www-form-urlencoded Accept: application/xml OR application/json

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Access Control

Customer Properties: Enable Web Services Access Rights: Device View - Read-only

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**Applications**

**Search Installed Apps**

Request  
GET /application-apis/installedApps/1.0/search/<billingID>

Definition

❖ Search for all installed Apps across all devices by App Name, App ID and Platform ❖ Support for partial match for these attributes  
❖ Get results on specified pages of the Result-set

Parameters

partialAppName

appID platform

pageSize

pageNumber billingID

Sample Request

Optional Optional

Optional

Optional Required

Partial or full App Name string that needs to be searched for  
Full AppID that needs to be searched for Supported values:

- iOS  
- Android  
- BlackBerry  
Limit number of applications returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 25.  
Results specific to a particular page. Default is first page  
Billing ID of the account for which the web-service is being executed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/application-apis/installedApps/1.0/search/1101234? appID=com.maas360.control&platform=iOS&pageSize=25&pageNumber=2*

Sample Response

<installedApps> <count>1000</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <app>

<devicecount>40</devicecount> <appName>MaaS360</appName> <platform>iOS</platform> <appID>com.fiberlink.maas360forios</appID> <majorVersions>3</majorVersions>

</app> <app> ... </app>

</installedApps>  
Mandatory attributes in Response

* -  appName
* -  platform
* -  appID   
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- majorVersions Access Control

* -  Customer Properties: Enable Device View
* -  Access Rights: Device Views – View Only

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**Search Apps (v1)**

Request  
GET /application-apis/applications/1.0/search/<billingId>

Definition

❖ Search for iOS, macOS, and Android apps by App Name, App ID, App Type, Enterprise rating, Category, Status & Device type

❖ Support for partial match for these attributes ❖ Get results on specified pages of the Result-set

Parameters

billingId pageSize

pageNumber appName

appId appType

enterpriseRating category

status deviceType

instantUpdate

Sample Request

Required Optional

Optional Optional Required

Optional Optional

Optional

Optional

Billing ID of the account for which the web-service is being executed  
Limit number of applications returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 25.

Results specific to a particular page. Default is first page  
Partial Application Name string that needs to be searched for

Partial or full App ID for the app to be searched Possible values:  
1: iOS Enterprise Application  
2: iOS App Store Application

3: Android Enterprise Application  
4: Android Market Application  
8: iOS Web-Clip  
10: Mac App Store Application  
11: Mac Enterprise Application  
Possible Values: 1, 2, 3, 4, 5  
Partial or full category Name string that needs to be searched for

Active or Deleted (Case insensitive) Possible values:  
1: Smartphone  
2: Tablet

3: Smartphone, Tablet Possible values:  
0: Disabled  
1: Enabled

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image

GET *https://services.fiberlink.com/application- apis/applications/1.0/search/1101234?appName=webex&appType=3&status=active&pageSize=25&pageNu mber=2*

Sample Response

<apps>  
<count>1</count> <pageSize>50</pageSize <pageNumber>2</pageNumber <app>

<appIconURL>icon1.png</appIconURL> <appIconFullURL>https://cdn.maas360.com/icon1.png</appIconFullURL>

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<appName>Webex Productivity Tool</appName> <appId>com.sample.app</appId> <enterpriseRating>3</enterpriseRating> <fileName>ptools.app</fileName>  
<platform>iOS</platform>  
<appType>2</appType> <appFullVersion>5.2.5</appFullVersion> <appVersionState>1</appVersionState> <appIconFullURL>string</appIconFullURL> <appId>string</appId> <enterpriseRating>string</enterpriseRating> <category>Games</category>  
<appSize>1.106</appSize>  
<status>active</status>  
<deviceType>1</deviceType>  
<vppCodes></vppCodes> <uploadDate>2016-10-13T04:40:59.921+00:00</uploadDate> <uploadedBy>admin@acmecorp.com</uploadedBy> <lastUpdated>2016-10-13T04:44:59.579+00:00</lastUpdated> < instantUpdate>1</instantUpdate> <lastUpdatedBy>admin@acmecorp.com</lastUpdatedBy> </app>

</apps>

Sample Response (JSON)

{  
"apps": {

"count": "10", "pageSize": "50", "pageNumber": "2", "app": {

"appIconURL": "icon1.png",  
"appIconFullURL": "https://cdn.maas360.com/icon1.png",

"appName": "Webex Productivity Tool", "appId": "com.sample.app", "enterpriseRating": "3",  
"fileName": "ptools.app",

"platform": "iOS",  
"appType": "2",  
"appFullVersion": "5.2.5",  
"appVersionState": "1",  
"category": "Games",  
"appSize": "1.106",  
"status": "active",  
"deviceType": "1",  
"uploadDate": "2010-11-30T05:52:53.011+00:00", "uploadedBy": "admin@acmecorp.com", "lastUpdated": "2010-11-30T05:52:53.011+00:00" "lastUpdatedBy": "admin@acmecorp.com"

} }

Response Definitions appVersionState

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**Response Key**

**Value or definition**

Possible values:  
1: Primary app with no secondary apps present 2: Primary app with secondary apps present  
3: Secondary app

Mandatory attributes in Response

* -  appName
* -  appIconURL
* -  appId
* -  platform
* -  appType
* -  status
* -  deviceType
* -  uploadDate
* -  uploadedBy
* -  lastUpdated
* -  lastUpdatedBy   
  Access Control
* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Read only

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**Search Apps (v2)**

Request  
GET /application-apis/applications/2.0/search/customer/<billingId>

Definition

❖ Search for iOS, macOS, and Android apps by App Name, App ID, App Type, Enterprise rating, Category, Status & Device type

❖ Support for partial match for these attributes ❖ Get results on specified pages of the Result-set

Parameters

billingId pageSize

pageNumber appName

appId appType

enterpriseRating category

status deviceType

instantUpdate

Sample Request

Required Optional

Optional Optional Required

Optional Optional

Optional

Optional

Billing ID of the account for which the web-service is being executed  
Limit number of applications returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 25.

Results specific to a particular page. Default is first page  
Partial Application Name string that needs to be searched for

Partial or full App ID for the app to be searched Possible values:  
1: iOS Enterprise Application  
2: iOS App Store Application

3: Android Enterprise Application  
4: Android Market Application  
8: iOS Web-Clip  
10: Mac App Store Application  
11: Mac Enterprise Application  
Possible Values: 1, 2, 3, 4, 5  
Partial or full category Name string that needs to be searched for

Active or Deleted (Case insensitive) Possible values:  
1: Smartphone  
2: Tablet

3: Smartphone, Tablet Possible values:  
0: Disabled  
1: Enabled

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image

https://services.fiberlink.com/application- apis/applications/2.0/search/customer/1101234?appName=webex&appType=3&status=active&pageSize=2 5&pageNumber=2

Sample Response

<apps>  
<count>1</count> <pageSize>50</pageSize <pageNumber>2</pageNumber <app>

<appIconURL>icon1.png</appIconURL> <appIconFullURL>https://cdn.maas360.com/icon1.png</appIconFullURL>

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<appName>Webex Productivity Tool</appName> <appId>com.sample.app</appId> <enterpriseRating>3</enterpriseRating> <fileName>ptools.app</fileName>  
<platform>iOS</platform>  
<appType>2</appType> <appFullVersion>5.2.5</appFullVersion> <appVersionState>1</appVersionState> <category>Games</category>  
<appSize>1.106</appSize>  
<status>active</status>  
<deviceType>1</deviceType>  
<vppCodes></vppCodes> <uploadDate>2016-10-13T04:40:59.921+00:00</uploadDate> <uploadedBy>admin@acmecorp.com</uploadedBy> <lastUpdated>2016-10-13T04:44:59.579+00:00</lastUpdated> <instantUpdate>1</instantUpdate> <lastUpdatedBy>admin@acmecorp.com</lastUpdatedBy> </app>

</apps>

Sample Response (JSON)

{  
"apps": {

"count": "10", "pageSize": "50", "pageNumber": "2", "app": {

"appIconURL": "icon1.png",  
"appIconFullURL": "https://cdn.maas360.com/icon1.png",

"appName": "Webex Productivity Tool", "appId": "com.sample.app", "enterpriseRating": "3",  
"fileName": "ptools.app",

"platform": "iOS",  
"appType": "2",  
"appFullVersion": "5.2.5",  
"appVersionState": "1",  
"category": "Games",  
"appSize": "1.106",  
"status": "active",  
"deviceType": "1",  
"uploadDate": "2010-11-30T05:52:53.011+00:00", "uploadedBy": "admin@acmecorp.com", "lastUpdated": "2010-11-30T05:52:53.011+00:00" "instantUpdate": 0

"lastUpdatedBy": "admin@acmecorp.com" }

} Response Definitions

appVersionState

Mandatory attributes in Response

* -  appName
* -  appIconURL   
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**Response Key**

**Value or definition**

Possible values:  
1: Primary app with no secondary apps present 2: Primary app with secondary apps present  
3: Secondary app

* -  appId
* -  platform
* -  appType
* -  status
* -  deviceType
* -  uploadDate
* -  uploadedBy
* -  lastUpdated
* -  lastUpdatedBy   
  Access Control
* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Read only

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**Find Apps**

Request  
GET /applications/2.0/apps/customer/<billingId>

Definition

❖ Search for iOS, macOS, and Android apps by App Name, App ID, App Type, Enterprise rating, Category, Status & Device type

❖ Support for partial match for these attributes ❖ Get results on specified pages of the Result-set

Parameters

billingId pageSize

pageNumber appName

appId appType

enterpriseRating category

status deviceType

Sample Request

Required Optional

Optional Optional Required

Optional Optional

Optional

Billing ID of the account for which the web-service is being executed  
Limit number of applications returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 25.

Results specific to a particular page. Default is first page  
Partial Application Name string that needs to be searched for

Partial or full App ID for the app to be searched Possible values:  
1: iOS Enterprise Application  
2: iOS App Store Application

3: Android Enterprise Application  
4: Android Market Application  
8: iOS Web-Clip  
10: Mac App Store Application  
11: Mac Enterprise Application  
Possible Values: 1, 2, 3, 4, 5  
Partial or full category Name string that needs to be searched for

Active or Deleted (Case insensitive) Possible values:  
1: Smartphone  
2: Tablet

3: Smartphone, Tablet

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image

https://services.fiberlink.com/applications/2.0/apps/customer/1101234?appName=webex&appType=3&st atus=active&pageSize=25&pageNumber=2

Sample Response

<apps>  
<count>1</count> <pageSize>50</pageSize <pageNumber>2</pageNumber <app>

<appIconURL>icon1.png</appIconURL> <appIconFullURL>https://cdn.maas360.com/icon1.png</appIconFullURL> <appName>Webex Productivity Tool</appName> <appId>com.sample.app</appId> <enterpriseRating>3</enterpriseRating> <fileName>ptools.app</fileName>

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<platform>iOS</platform>  
<appType>2</appType> <appFullVersion>5.2.5</appFullVersion> <appVersionState>1</appVersionState> <category>Games</category>  
<appSize>1.106</appSize>  
<status>active</status>  
<deviceType>1</deviceType>  
<vppCodes></vppCodes> <uploadDate>2016-10-13T04:40:59.921+00:00</uploadDate> <uploadedBy>admin@acmecorp.com</uploadedBy> <lastUpdated>2016-10-13T04:44:59.579+00:00</lastUpdated> </app>

</apps>

Sample Response (JSON)

{  
"apps": {

"count": "10", "pageSize": "50", "pageNumber": "2", "app": {

"appIconURL": "icon1.png",  
"appIconFullURL": "https://cdn.maas360.com/icon1.png",

"appName": "Webex Productivity Tool", "appId": "com.sample.app", "enterpriseRating": "3",  
"fileName": "ptools.app",

"platform": "iOS",  
"appType": "2",  
"appFullVersion": "5.2.5",  
"appVersionState": "1",  
"category": "Games",  
"appSize": "1.106",  
"status": "active",  
"deviceType": "1",  
"uploadDate": "2010-11-30T05:52:53.011+00:00", "uploadedBy": "admin@acmecorp.com", "lastUpdated": "2010-11-30T05:52:53.011+00:00"

} }

Response Definitions appVersionState

Mandatory attributes in Response

* -  appName
* -  appIconURL
* -  appId
* -  platform
* -  appType
* -  status
* -  deviceType
* -  uploadDate
* -  uploadedBy
* -  lastUpdated   
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**Response Key**

**Value or definition**

Possible values:  
1: Primary app with no secondary apps present 2: Primary app with secondary apps present  
3: Secondary app

Access Control

* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Read only

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**Get App Details (v1)**

Request  
GET /application-apis/applications/1.0/getAppDetails/<billingID>

Definition

❖ Returns details for active iOS, macOS, and Android apps Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID Required appType

appId Required appVersion Optional isAppApprovalApp

instantUpdate

Sample Request

Customer identification number Possible values:  
1: iOS Enterprise app  
2: iOS App Store app

3: Android Enterprise app  
4: Android Market app  
8: iOS web-clip  
10: Mac App Store Application 11: Mac Enterprise Application Unique ID of app

Required if there is a secondary app Places all apps in the IN\_REVIEW state. Possible values:

Image Image Image Image Image

Required

Image Image Image Image Image Image

|  |
| --- |
| Optional |
| Optional |

• •

Yes – apps are reviewed (marked as IN\_REVIEW) before being added to the App Approval workflow.

No or no parameter provided –app status is marked ACTIVE (production catalog apps)

Possible values (supports Android Enterprise app only):  
0: Disabled  
1: Enabled

*https://services.fiberlink.com/application-apis/applications/1.0/getAppDetails /1101234?appId=com.example&appType=2*

Sample Response (XML)

<app>  
<appName>Webex Productivity Tool</appName>  
<appId>com.webex</appId  
<platform>iOS</platform>  
<appType>2</appType>  
<status>ACTIVE</status>  
<category>Games</category>  
<supportedOn>1</supportedOn> ##1: 1: Smartphone, 2: Tablet, 3: Smartphone, Tablet <distributions>  
<distribution>All devices</distribution>  
</distributions>  
<installs>1</installs>  
<distributed>3</distributed>  
<appVersion>1.0</appVersion>  
<appVersionState>1</appVersionState>  
<appSize>10.5<appSize>  
<uploadDate>2010-11-30T05:52:53.011+00:00</uploadDate> <uploadedBy>*admin@acmecorp.com*</uploadedBy

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<provisioningProfileExpiry>2010-11-30T05:52:53.011+00:00</provisioningProfileExpiry> <minimumOSVersion>4.3</minimumOSVersion>  
<secPolicies>  
<secPolicy>

<key>RESTRICT\_DATA\_BACKUP</key>  
<value>Yes</value>  
</secPolicy>  
<secPolicies>  
<appDiscoveryPortal>0</appDiscoveryPortal>  
<appOwner>maas360@fiberlink.com</appOwner> ## If App Discovery portal is enabled for the account <details>xyz</details>

<appAttributes  
<appAttribute> <attributeName>UR"L\_Type'</attributeName> <attributeValue />  
</appAttribute>  
</appAttributes> <rawManifestUrl>*http://manifest</rawManifestUrl*> <instantUpdate>1</instantUpdate>  
</app>

Sample Response (JSON)

{  
"app": {

"appName": "Example Productivity Tool", "appId": "com.example",  
"platform": "iOS",

"appType": "2", "status": "ACTIVE", "category": "Marketing", "supportedOn": "1", "distributions": {

"distribution": "All devices"

},  
"installs": "1",  
"distributed": "3",  
"appVersion": "1.0",  
"appVersionState": "1",  
"appSize": "10.5",  
"uploadDate": "2016-11-30T05:52:53.011+00:00", "uploadedBy": "admin@example.com", "provisioningProfileExpiry": "2016-11-30T05:52:53.011+00:00", "minimumOSVersion": "7.0",  
"secPolicies": {  
"secPolicy": {  
"key": "RESTRICT\_DATA\_BACKUP",  
"value": "Yes"

} },

"appDiscoveryPortal": "0",  
"appOwner": "owner@example.com", "details": "Download this to do your job", "appAttributes":{

"Attribute":{

"AttributeValue":"abc@fiberlink.com"

} "rawManifestUrl":"http://manifest"

"AttributeName":"Email", }

}

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"instantUpdate": 0 }

Response Definitions supportedOn

appDiscoveryPortal

secPolicy

INSTANT\_INSTALL\_TRANSPORT

appVersionState

Mandatory attributes in Response

* -  appName
* -  appId
* -  platform
* -  appType
* -  status
* -  category
* -  uploadDate
* -  uploadedBy   
  Access Control

1: Smartphone  
2: Tablet  
3: Smartphone and Tablet

|  |  |
| --- | --- |
| **Response Key** | **Value or definition** |

|  |
| --- |
| Appears if it’s enabled for the account. 0: Not Available 1: View only 2: View and Request |
| Contains: RESTRICT\_DATA\_BACKUP REMOVE\_APP\_ON\_MDM\_CONTROL REMOVE\_APP\_ON\_SELECTIVE\_WIPE REMOVE\_APP\_ON\_MDM\_CONTROL\_AND\_SELECTIVE\_WIPE RESTRICT\_CUT\_COPY\_PASTE ENFORCE\_AUTHENTICA TION ENFORCE\_COMPLIANCE INSTANT\_INSTALL INSTANT\_INSTALL\_TRANSPORT |
| Key contained in secPolicy. Has the following possible values: 0: All Networks 1: Wi-fi only 2: Wi-fi and In-network cellular |
| Possible values: 1: Primary app with no secondary apps present 2: Primary app with secondary apps present 3: Secondary app |

* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Read only

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**Get App Details (v2)**

Request  
GET /application-apis/applications/2.0/getAppDetails/customer/<billingID>

Definition

❖ Returns details for active iOS, macOS, and Android apps Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID Required appType

appId Required appVersion Optional groupId Optional

Sample Request

Customer identification number Possible values:  
1: iOS Enterprise app  
2: iOS App Store app

3: Android Enterprise app  
4: Android Market app  
8: iOS web-clip  
10: Mac App Store Application 11: Mac Enterprise Application Unique ID of app

Required if there is a secondary app  
If not specified, assumed it as global (-1).

Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/application- apis/applications/2.0/getAppDetails/customer/1101234?appId=com.example&appType=2*

Sample Response (XML)

<app>  
<appName>Webex Productivity Tool</appName>  
<appId>com.webex</appId  
<platform>iOS</platform>  
<appType>2</appType>  
<status>ACTIVE</status>  
<category>Games</category>  
<supportedOn>1</supportedOn> ##1: 1: Smartphone, 2: Tablet, 3: Smartphone, Tablet  
<distributions>  
<distribution>All devices</distribution>  
</distributions>  
<installs>1</installs>  
<distributed>3</distributed>  
<appVersion>1.0</appVersion>  
<appVersionState>1</appVersionState>  
<appSize>10.5<appSize>  
<uploadDate>2010-11-30T05:52:53.011+00:00</uploadDate> <uploadedBy>*admin@acmecorp.com*</uploadedBy <provisioningProfileExpiry>2010-11-30T05:52:53.011+00:00</provisioningProfileExpiry> <minimumOSVersion>4.3</minimumOSVersion>  
<secPolicies>  
<secPolicy>  
<key>RESTRICT\_DATA\_BACKUP</key>  
<value>Yes</value>  
</secPolicy>  
<secPolicies>  
<appDiscoveryPortal>0</appDiscoveryPortal>  
<appOwner>maas360@fiberlink.com</appOwner> ## If App Discovery portal is enabled for the account <details>xyz</details>  
<appAttributes  
<appAttribute>

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<attributeName>UR"L\_Type'</attributeName> <attributeValue />  
</appAttribute>  
</appAttributes> <rawManifestUrl>*http://manifest</rawManifestUrl*> <instantUpdate>1</instantUpdate>

</app>

Sample Response (JSON)

{  
"app": {

"appName": "Example Productivity Tool", "appId": "com.example",  
"platform": "iOS",

"appType": "2", "status": "ACTIVE", "category": "Marketing", "supportedOn": "1", "distributions": {

"distribution": "All devices"

},  
"installs": "1",  
"distributed": "3",  
"appVersion": "1.0",  
"appVersionState": "1",  
"appSize": "10.5",  
"uploadDate": "2016-11-30T05:52:53.011+00:00", "uploadedBy": "admin@example.com", "provisioningProfileExpiry": "2016-11-30T05:52:53.011+00:00", "minimumOSVersion": "7.0",  
"secPolicies": {  
"secPolicy": {  
"key": "RESTRICT\_DATA\_BACKUP",  
"value": "Yes"

} Response Definitions

supportedOn appDiscoveryPortal

1: Smartphone  
2: Tablet  
3: Smartphone and Tablet

} },

"appDiscoveryPortal": "0",  
"appOwner": "owner@example.com", "details": "Download this to do your job", "appAttributes":{

"AttributeValue":"abc@fiberlink.com"

"Attribute":{

}

"AttributeName":"Email", }

} "rawManifestUrl":*http://manifest* "instantUpdate": 0

|  |  |
| --- | --- |
| **Response Key** | **Value or definition** |

Image Image Image Image Image Image

Appears if it’s enabled for the account. 0: Not Available  
1: View only  
2: View and Request

Image Image Image Image

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**Response Key**

**Value or definition**

Contains:  
RESTRICT\_DATA\_BACKUP REMOVE\_APP\_ON\_MDM\_CONTROL REMOVE\_APP\_ON\_SELECTIVE\_WIPE REMOVE\_APP\_ON\_MDM\_CONTROL\_AND\_SELECTIVE\_WIPE RESTRICT\_CUT\_COPY\_PASTE  
ENFORCE\_AUTHENTICA TION  
ENFORCE\_COMPLIANCE  
INSTANT\_INSTALL  
INSTANT\_INSTALL\_TRANSPORT

Image Image

Key contained in secPolicy. Has the following possible values: 0: All Networks  
1: Wi-fi only  
2: Wi-fi and In-network cellular

Image Image

Possible values:  
1: Primary app with no secondary apps present 2: Primary app with secondary apps present  
3: Secondary app

secPolicy

INSTANT\_INSTALL\_TRANSPORT

appVersionState

Mandatory attributes in Response

* -  appName
* -  appId
* -  platform
* -  appType
* -  status
* -  category
* -  uploadDate
* -  uploadedBy   
  Access Control
* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Read only

Image Image Image Image

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**App Details**

Request  
GET /applications/2.0/appDetails/customer/<billingId>

Definition

❖ Returns details for active iOS, macOS, and Android apps Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID appType

appId  
appVersion isAppApprovalApp

Sample Request

Required

Required Optional

Customer identification number Possible values:  
1: iOS Enterprise app  
2: iOS App Store app

3: Android Enterprise app  
4: Android Market app  
8: iOS web-clip  
10: Mac App Store Application 11: Mac Enterprise Application Unique ID of app

Required if there is a secondary app Places all apps in the IN\_REVIEW state. Possible values:

Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image

Optional

• •

Yes – apps are reviewed (marked as IN\_REVIEW) before being added to the App Approval workflow.

No or no parameter provided –app status is marked ACTIVE (production catalog apps)

Image Image Image

*https://services.fiberlink.com/applications/2.0/appDetails/customer/1101234?appId=com.example&app Type=2*

Sample Response (XML)

<app>  
<appName>Webex Productivity Tool</appName>  
<appId>com.webex</appId  
<platform>iOS</platform>  
<appType>2</appType>  
<status>ACTIVE</status>  
<category>Games</category>  
<supportedOn>1</supportedOn> ##1: 1: Smartphone, 2: Tablet, 3: Smartphone, Tablet <distributions>  
<distribution>All devices</distribution>  
</distributions>  
<installs>1</installs>  
<distributed>3</distributed>  
<appVersion>1.0</appVersion>  
<appVersionState>1</appVersionState>  
<appSize>10.5<appSize>  
<uploadDate>2010-11-30T05:52:53.011+00:00</uploadDate> <uploadedBy>*admin@acmecorp.com*</uploadedBy <provisioningProfileExpiry>2010-11-30T05:52:53.011+00:00</provisioningProfileExpiry> <minimumOSVersion>4.3</minimumOSVersion>  
<secPolicies>  
<secPolicy>

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<key>RESTRICT\_DATA\_BACKUP</key>  
<value>Yes</value>  
</secPolicy>  
<secPolicies>  
<appDiscoveryPortal>0</appDiscoveryPortal>  
<appOwner>maas360@fiberlink.com</appOwner> ## If App Discovery portal is enabled for the account <details>xyz</details>

<appAttributes  
<appAttribute> <attributeName>UR"L\_Type'</attributeName> <attributeValue />  
</appAttribute>  
</appAttributes> <rawManifestUrl>http://manifest</rawManifestUrl> </app>

Sample Response (JSON)

{  
"app": {

"appName": "Example Productivity Tool", "appId": "com.example",  
"platform": "iOS",

"appType": "2", "status": "ACTIVE", "category": "Marketing", "supportedOn": "1", "distributions": {

"distribution": "All devices"

},  
"installs": "1",  
"distributed": "3",  
"appVersion": "1.0",  
"appVersionState": "1",  
"appSize": "10.5",  
"uploadDate": "2016-11-30T05:52:53.011+00:00", "uploadedBy": "admin@example.com", "provisioningProfileExpiry": "2016-11-30T05:52:53.011+00:00", "minimumOSVersion": "7.0",  
"secPolicies": {  
"secPolicy": {  
"key": "RESTRICT\_DATA\_BACKUP",  
"value": "Yes"

} },

"appDiscoveryPortal": "0",  
"appOwner": "owner@example.com", "details": "Download this to do your job", "appAttributes":{

}

"Attribute":{ "AttributeName":"Email",

"AttributeValue":"abc@fiberlink.com"

} }

"rawManifestUrl":"http://manifest" }

Response Definitions  
supportedOn 1: Smartphone

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|  |  |
| --- | --- |
| **Response Key** | **Value or definition** |

Image Image Image Image

|  |  |
| --- | --- |
| **Response Key** | **Value or definition** |

2: Tablet  
3: Smartphone and Tablet

|  |
| --- |
| Appears if it’s enabled for the account. 0: Not Available 1: View only 2: View and Request |
| Contains: RESTRICT\_DATA\_BACKUP REMOVE\_APP\_ON\_MDM\_CONTROL REMOVE\_APP\_ON\_SELECTIVE\_WIPE REMOVE\_APP\_ON\_MDM\_CONTROL\_AND\_SELECTIVE\_WIPE RESTRICT\_CUT\_COPY\_P ASTE ENFORCE\_AUTHENTICA TION ENFORCE\_COMPLIANCE INSTANT\_INSTALL INSTANT\_INSTALL\_TRANSPORT |
| Key contained in secPolicy. Has the following possible values: 0: All Networks 1: Wi-fi only 2: Wi-fi and In-network cellular |
| Possible values: 1: Primary app with no secondary apps present 2: Primary app with secondary apps present 3: Secondary app |

appDiscoveryPortal

secPolicy

INSTANT\_INSTALL\_TRANSPORT

appVersionState

Mandatory attributes in Response

* -  appName
* -  appId
* -  platform
* -  appType
* -  status
* -  category
* -  uploadDate
* -  uploadedBy   
  Access Control
* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Read only

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**Search App Distributions (v1)**

Request  
GET /application-apis/applications/1.0/searchDistributions/<billingID>

Definition

❖ Search for Managed Application Distributions – Search by Application Name, Application Type, Distribution Status

❖ Relevant for iOS and Android Parameters

billingId pageSize

pageNumber

appId appType

appVersion status

Sample Request

Required Optional

Optional Required

Optional Optional

Billing ID of the account for which the web-service is being executed  
Limit number of applications returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 25.

Results specific to a particular page. Default is first page  
Unique ID of the application  
Possible values:

1: iOS Enterprise Application  
2: iOS App Store Application  
3: Android Enterprise Application  
4: Android Market Application  
Version of app to be searched from distribution when more than one app version is present  
Published, Expired or Stopped (case insensitive

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image Image

GET *https://services.fiberlink.com/application- apis/applications/1.0/searchDistributions/1101234?appName=webex&appType=3&appId=com.sample.app &status=published&pageSize=25&pageNumber=2*

Sample Response

<appDistributions> <count>10</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <appDistribution>

<distributionName>Give ExampleCo Tool - Fri Aug 28 10:07:58 GMT+00:00 2015</distributionName>

<appName>ExampleCo Productivity Tool</appName> <platform>iOS</platform>  
<appType>2</appType>  
<targetDevices>All Devices</targetDevices> <status>published</status> <distributionDate>2015-08-30T05:52:53.011+00:00</distributionDate> <expirationDate>2015-09-30T00:00:00.011+00:00</expirationDate> <distributedBy>admin@example.com</distributedBy> <sendEmailNotification>yes</sendEmailNotification>

</appDistribution> <appDistribution> ... </appDistribution>

</appDistributions>

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Mandatory attributes in Response

* -  distributionName
* -  appName
* -  platform
* -  appType
* -  targetDevices
* -  status
* -  distributionDate
* -  expirationDate
* -  distributedBy   
  Access Control
* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Read only

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**Search App Distributions (v2)**

Request  
GET /application-apis/applications/2.0/searchDistributions/<billingID>

Definition

❖ Search for Managed Application Distributions – Search by Application Name, Application Type, Distribution Status

❖ Relevant for iOS and Android Parameters

billingId pageSize

pageNumber

appId appType

appVersion status

Sample Request

Required Optional

Optional Required

Optional Optional

Billing ID of the account for which the web-service is being executed  
Limit number of applications returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 25.

Results specific to a particular page. Default is first page  
Unique ID of the application  
Possible values:

1: iOS Enterprise Application  
2: iOS App Store Application  
3: Android Enterprise Application  
4: Android Market Application  
Version of app to be searched from distribution when more than one app version is present  
Published, Expired or Stopped (case insensitive

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image Image

GET *https://services.fiberlink.com/application- apis/applications/2.0/searchDistributions/1101234?appName=webex&appType=3&appId=com.sample.app &status=published&pageSize=25&pageNumber=2*

Sample Response

<appDistributions> <count>10</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <appDistribution>

<distributionName>Give ExampleCo Tool - Fri Aug 28 10:07:58 GMT+00:00 2015</distributionName>

<appName>ExampleCo Productivity Tool</appName> <platform>iOS</platform>  
<appType>2</appType>  
<targetDevices>All Devices</targetDevices> <status>published</status> <distributionDate>2015-08-30T05:52:53.011+00:00</distributionDate> <expirationDate>2015-09-30T00:00:00.011+00:00</expirationDate> <distributedBy>admin@example.com</distributedBy> <sendEmailNotification>yes</sendEmailNotification>

</appDistribution> <appDistribution> ... </appDistribution>

</appDistributions>

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Mandatory attributes in Response

* -  distributionName
* -  appName
* -  platform
* -  appType
* -  targetDevices
* -  status
* -  distributionDate
* -  expirationDate
* -  distributedBy   
  Access Control
* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Read only

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**Add and Replace Screenshots (v1)**

Request  
POST /application-apis/applications/1.0/addAndReplaceScreenshots/<billingID>

Definition

❖ Adds screenshots to iOS and Android Enterprise apps.  
❖ A maximum of four screenshots can be uploaded and a minimum of one screenshot must be uploaded. ❖ The newly added screenshots replace the existing screenshots uploaded for the app.

Parameters

billingId appType

appId secondaryApp appFullVersion appVersion groupId

Required

Required Optional Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

3: Android Enterprise Application  
11: Mac Enterprise Application  
Unique ID of the application distributed Default is No

Required if secondaryApp=Yes  
Required if secondaryApp=Yes  
If not specified, assumed to be global (-1)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/applications/1.0/addAndReplaceScreenshots/1007263*

The content type header for this request should be set to: multipart/form-data  
The request should contain 2 parts:  
Part 1: Name = app\_details; Value = XML file for attributes other than the upgrade file Format for the XML is as follows:

<appDetails> <appId>com.cdw.cdw</appId> <appType>1</appType> <secondaryApp>Yes</secondaryApp> <appFullVersion>1.2.3</appFullVersion> <appVersion>4.5.6</appVersion> </appDetails>

Part 2: Name = screenshot1; Value = Screenshot1 file Part 3: Name = screenshot2; Value = Screenshot2 file Part 4: Name = screenshot3; Value = Screenshot3 file Part 5: Name = screenshot4; Value = Screenshot4 fil

Sample Response

<actionResponse>  
<status>Success</status>  
<description>Screenshot(s) uploaded for com.cdw.cdw successfully.</description> </actionResponse>

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**Add and Replace Screenshots (v2)**

Request  
POST /application-apis/applications/2.0/addAndReplaceScreenshots/customer/<billingID>

Definition

❖ Adds screenshots to iOS and Android Enterprise apps.  
❖ A maximum of four screenshots can be uploaded and a minimum of one screenshot must be uploaded. ❖ The newly added screenshots replace the existing screenshots uploaded for the app.

Parameters

billingId appType

appId secondaryApp appFullVersion appVersion groupId

Required

Required Optional Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

3: Android Enterprise Application  
11: Mac Enterprise Application  
Unique ID of the application distributed Default is No

Required if secondaryApp=Yes  
Required if secondaryApp=Yes  
If not specified, assumed to be global (-1)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/applications/2.0/addAndReplaceScreenshots/customer/1060794*

The content type header for this request should be set to: multipart/form-data  
The request should contain 2 parts:  
Part 1: Name = app\_details; Value = XML file for attributes other than the upgrade file Format for the XML is as follows:

<appDetails> <appId>com.cdw.cdw</appId> <appType>1</appType> <secondaryApp>Yes</secondaryApp> <appFullVersion>1.2.3</appFullVersion> <appVersion>4.5.6</appVersion> </appDetails>

Part 2: Name = screenshot1; Value = Screenshot1 file Part 3: Name = screenshot2; Value = Screenshot2 file Part 4: Name = screenshot3; Value = Screenshot3 file Part 5: Name = screenshot4; Value = Screenshot4 fil

Sample Response

<actionResponse>  
<status>Success</status>  
<description>Screenshot(s) uploaded for com.cdw.cdw successfully.</description> </actionResponse>

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**App Screenshots**

Request  
POST /applications/2.0/appScreenshots/customer/<billingId>

Definition

❖ Adds screenshots to iOS and Android Enterprise apps.  
❖ A maximum of four screenshots can be uploaded and a minimum of one screenshot must be uploaded. ❖ The newly added screenshots replace the existing screenshots uploaded for the app.

Parameters

billingId appType

appId secondaryApp appFullVersion appVersion groupId

Required

Required Optional Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

3: Android Enterprise Application  
11: Mac Enterprise Application  
Unique ID of the application distributed Default is No

Required if secondaryApp=Yes  
Required if secondaryApp=Yes  
If not specified, assumed to be global (-1)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/applications/2.0/appScreenshots/customer/1060794*

The content type header for this request should be set to: multipart/form-data  
The request should contain 2 parts:  
Part 1: Name = app\_details; Value = XML file for attributes other than the upgrade file Format for the XML is as follows:

<appDetails> <appId>com.cdw.cdw</appId> <appType>1</appType> <secondaryApp>Yes</secondaryApp> <appFullVersion>1.2.3</appFullVersion> <appVersion>4.5.6</appVersion> </appDetails>

Part 2: Name = screenshot1; Value = Screenshot1 file Part 3: Name = screenshot2; Value = Screenshot2 file Part 4: Name = screenshot3; Value = Screenshot3 file Part 5: Name = screenshot4; Value = Screenshot4 fil

Sample Response

<actionResponse>  
<status>Success</status>  
<description>Screenshot(s) uploaded for com.cdw.cdw successfully.</description> </actionResponse>

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**Get App Distribution Details by Device**

Request  
GET /application-apis/applications/1.0/getAppDistributionByDevice/<billingID>

Definition

❖ Returns all the relevant devices to which the application has been distributed and the status of application distribution

❖ If a deviceId is specified, then details of the distribution to just that specific device is returned ❖ Relevant for iOS MDM and Android MDM

Parameters

billingId

deviceId appType

appId activeDistribution

pageSize

pageNumber Sample Request

Required Optional

Required

Optional Optional

Billing ID of the account for which the web-service is being executed  
Client Serial Number of the device  
Possible values:

1: iOS Enterprise Application  
2: iOS App Store Application  
3: Android Enterprise Application  
4: Android Market Application  
Unique ID of the application distributed  
Possible values:  
- Yes: Default  
- No  
- Any  
Limit number of devices returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 25.  
Results specific to a particular page. Default is first page

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image

GET *https://services.fiberlink.com/application- apis/applications/1.0/getAppDistributionByDevice/1101234?appId=com.sample.app&appType=2& pageSize=25&pageNumber=2*

Sample Response

<devices> <count>100</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <device>

<activeDistribution>Y es</activeDistribution> <maas360DeviceId>a1b2c3</maas360DeviceId> <deviceName>jsmith’s iPhone</deviceName> <status>Pending</status> <username>user1</username> <installedMDM>Yes</installedMDM>

</device> <device> ... </device>

</devices>

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Access Control

* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Read only

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**Distribute App**

Request  
POST /application-apis/applications/1.0/distributeApp/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Distribute app to all devices, device group or specific device
* ❖  Relevant for iOS and Android
* ❖  If you distribute to a MaaS360 Device Group, a copy of the Device Group is created on which distribute action is executed. In future, for Stop Distribution API, use the Device Group ID for the copied over group and NOT the original Device Group.

Parameters

billingId appType

appId targetDevices

appVersion

deviceGroupId deviceId instantInstall

sendEmail sendNotification

winPkgType licenseType startDate

startTime

Required

Required

Optional

Optional Optional Required

Required Required

Optional Optional

Optional

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

2: iOS App Store Application  
3: Android Enterprise Application  
4: Android Market Application  
5: Windows Phone Company Application  
6: Windows Phone Market Application  
12: Windows Package Application  
Unique ID of the application distributed  
Possible values:  
0: All Devices  
1: Device Group  
2: Specific Device  
Version of app to be distributed, if more than one version is stored  
Required if targetDevices = 1  
Required if targetDevices = 2  
Possible values: Yes, No; Relevant only for appType = 1 or 2 (For others, this value is ignored)  
Possible values: Yes, No  
Possible values: Yes, No Relevant only for appType = 1 or 2 (For others, this value is ignored)  
Required if appType = 12  
Possible values for winPkgType : EXE, SCRIPTS, MSI, DOWNLOADABLE\_FILES  
Possible values:  
0: User-based License  
1: Device-based License

Possible Values: A string in mm/dd/yyyy format.

Valid only for appType 12: Windows Package Application.

This is the hour at which the installation should be done on the device. The device’s local time of the day at which the current distribution should start rolling out.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

The start date for the distribution. Installations

Image

initiated post scheduled start date will be immediate

Image

installations.

Image Image Image Image Image Image

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Image Image Image Image

Possible Values: An integer between -1 and 23 where - 1: Immediate Distribution or 0-23

Valid only for appType 12: Windows Package Application.

Image Image Image Image Image

distributeOver

Sample Request

Valid only for appType 12: Windows Package Application.

Optional

S

taggering interval so that the devices download

application binaries in a staggered mode, resulting in

reduced server and network choking.

Image Image Image

POST *https://services.fiberlink.com/application- apis/applications/1.0/distributeApp/1007263?appType=1&appId=com.example&targetDevices=0&instantI nstall=Yes&sendEmail=yes&sendNotification=Yes*

Sample Response

<actionResponse> <status>Success</status>

<description>Application distributed successfully.</description> </actionResponse>

Mandatory attributes in Response - status

Access Control

* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps-Distribute Apps **Delete App**   
  Request  
  POST /application-apis/applications/1.0/deleteApp/<billingID>   
  **Content Type Header:** application/x-www-form-urlencoded Definition   
  ❖ Stop all distributions of the app and delete the app ❖ Relevant for iOS and Android

Parameters

billingId appType

appId winPkgType

Required

Required Optional

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

2: iOS App Store Application  
3: Android Enterprise Application  
4: Android Market Application  
5: Windows Phone Company Application 6: Windows Phone Market Application 12: Windows Package Application Unique ID of the application  
Required if appType = 12

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image

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Image Image Image

Possible values for winPkgType: EXE, SCRIPTS, MSI, DOWNLOADABLE\_FILES

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/applications/1.0/deleteApp/1007263?appType=1&appId=com.example*

Sample Response

<actionResponse> <status>Success</status>

<description>Application deleted successfully.</description> </actionResponse>

Mandatory attributes in Response - status

Access Control

* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

Image Image Image

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**Upgrade App (apps smaller than 50 MB)**

Request  
POST /application-apis/applications/1.0/upgradeApp/<billingID>

**Content Type Header:** multipart/form-data Definition

❖ Upgrade iOS and Android Enterprise app to MaaS360  
❖ The ipa/apk file can be uploaded directly via webservice or can be provided via a URL where it is

hosted

Parameters

billingId appType

appId maas360Hosted appSource

appSourceURL appVersion

maintainAsAdditionalVersion appAttributes versionReleaseNotes instantUpdate

isAppApprovalApp

Required Required

Required Optional Optional

Optional Optional

Optional Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

3: Android Enterprise Application  
Unique ID of the application distributed  
Default is Yes  
The ipa/apk file to be uploaded.  
If maas360Hosted = Yes, then this is mandatory The URL where App is hosted.  
If maas360Hosted = No, then this is mandatory Version of app to be upgraded, if more than one version is stored  
Possible values: Yes, No (Default)

A description of what’s new in the upgrade  
Silently updates installed app. Possible values: Yes, No (Default)  
The app has gone through the approval process.

1. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)
2. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).   
   If the isAppApprovalApp parameter is not present,   
   then the app is added to the production catalog.
3. If the ENABLE\_APP\_APPROVAL\_PROCESS customer   
   property is disabled, then the app is always added to the production catalog.

Descripton of the application  
If the APP\_EVENTS\_REDESIGN customer property is set to Yes or No and APP\_AUTO\_UPDATE is Admin Controlled, shows instantUpdate. Possible values: Yes, No

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Required

Image Image Image

description instantUpdate

Optional

Image Image Image Image Image

Optional

Image Image Image

Sample Request  
POST *https://services.fiberlink.com/application-apis/applications/1.0/upgradeApp/1007263*

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The request should contain 2 parts:

* -  Part 1: Name = app\_details; Value = XML file for attributes other than the upgrade file   
  Format for the XML is as follows: <appDetails>   
  <appId>com.cdw.cdw</appId>  
  <appType>1</appType>  
  <maas360Hosted>Yes</maas360Hosted> <appSourceURL></appSourceURL>  
  <appVersion>5.2.5</appVersion> <maintainAsAdditionalVersion>true</maintainAsAdditionalVersion> <versionReleaseNotes>The icons are now in color!</versionReleaseNotes> <instantUpdate>Yes</instantUpdate>   
  <appAttributes> <appAttribute>   
  <attributeName>name</attributeName>   
  <attributeValue>xyz</attributeValue> </appAttribute>   
  </appAttributes> </appDetails>
* -  Part 2: Name = appSource; Value = upgrade file

o For example, the uploaded app version matches 5.2.5.

Sample Response

<actionResponse> <status>Success</status>

<description>Application upgraded successfully</description> </actionResponse>

Mandatory attributes in Response - status

Access Control

* -  Customer Properties: Enable iOS App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Upgrade App (apps larger than 50 MB)**

Request  
POST /application-apis/applications/1.0/upgradeAppPlus/<billingID>

**Content Type Header:** multipart/form-data Definition

❖ Upgrade iOS and Android Enterprise app to MaaS360  
❖ The ipa/apk file can be uploaded directly via webservice or can be provided via a URL where it is

hosted

Parameters

billingId appType

appId maas360Hosted appSource

appSourceURL

maintainAsAdditionalVersion appAttributes versionReleaseNotes instantUpdate

isAppApprovalApp

Required Required

Required Optional Optional

Optional

Optional Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

3: Android Enterprise Application  
Unique ID of the application distributed Default is Yes  
The ipa/apk file to be uploaded.  
If maas360Hosted = Yes, then this is mandatory The URL where App is hosted.  
If maas360Hosted = No, then this is mandatory Possible values: Yes, No (Default)

A description of what’s new in the upgrade  
Silently updates installed app. Possible values: Yes, No (Default)  
The app has gone through the approval process.

1. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)

2. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).

If the isAppApprovalApp parameter is not present,

then the app is added to the production catalog. 3. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is disabled, then the app is always added

to the production catalog.

Descripton of the application  
If the APP\_EVENTS\_REDESIGN customer property is set to Yes or No and APP\_AUTO\_UPDATE is Admin Controlled, shows instantUpdate. Possible values: Yes, No

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Required

Image Image Image

description instantUpdate

Optional

Image Image Image Image Image

Optional

Image Image

Sample Request  
POST *https://services.fiberlink.com/application-apis/applications/1.0/upgradeAppPlus/1007263*

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The request should contain 2 parts:

* -  Part 1: Name = app\_details; Value = XML file for attributes other than the upgrade file   
  Format for the XML is as follows: <appDetails>   
  <appId>com.cdw.cdw</appId>  
  <appType>1</appType>  
  <maas360Hosted>Yes</maas360Hosted> <appSourceURL></appSourceURL> <maintainAsAdditionalVersion>true</maintainAsAdditionalVersion> <versionReleaseNotes>The icons are now in color!</versionReleaseNotes> <instantUpdate>Yes</instantUpdate>   
  <appAttributes> <appAttribute>   
  <attributeName>name</attributeName>   
  <attributeValue>xyz</attributeValue> </appAttribute>   
  </appAttributes> </appDetails>
* -  Part 2: Name = appSource; Value = upgrade file Sample Response   
  <actionResponse> <status>Success</status>   
  <description>Package upgrade request successful.</description>   
  <appUpgradeRequestId>1422603013985</appUpgradeRequestId> </actionResponse>   
  Mandatory attributes in Response
* -  status
* -  appUpgradeRequestId Access Control
* -  Customer Properties: Enable iOS App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Mark App as Primary**

Request  
POST /application-apis/applications/1.0/markAsPrimary/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Mark a particular version of App as primary ❖ Relevant for iOS and Android Enterprise Apps

Parameters

billingId appType

appId appVersion instantUpdate

winPkgType

Required

Required Required

Optional

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

3: Android Enterprise Application  
5: Windows Phone Company Application  
12: Windows Package Application  
Unique ID of the application  
Version of the App to be marked as Primary  
If the APP\_EVENTS\_REDESIGN customer property is set to Yes or No and APP\_AUTO\_UPDATE is Admin Controlled, shows instantUpdate. Possible values: Yes, No  
winPkgType is required if appType = 12.  
Possible values for winPkgType: EXE, SCRIPTS, MSI, DOWNLOADABLE\_FILES

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/applications/1.0/markAsPrimary/1007263?appType=1&appId=com.example&appVersion=4.0.1*

Sample Response

<actionResponse> <status>Success</status>

<description>Requested App marked as Primary</description> </actionResponse>

Mandatory attributes in Response - status

Access Control

* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Update Provisioning Profile**

Request  
POST /application-apis/applications/1.0/updateProvisioningProfile/<billingID>

**Content Type Header:** multipart/form-data Definition

❖ Update provisioning profile for iOS Enterprise app Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId appType

appId provisioningProfile

Required Required

Required Required

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

Unique ID of the application distributed Updated Provisioning profile for the App

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Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/applications/1.0/updateProvisioningProfile/1007263*

The request should contain 2 parts:

* -  Part 1: Name = app\_details; Value = XML file for attributes other than the upgrade file   
  Format for the XML is as follows: <appDetails>   
  <appId>com.cdw.cdw</appId>   
  <appType>1</appType> </appDetails>
* -  Part 2: Name = provisioningProfile; Value = upgrade file Sample Response   
  <actionResponse> <status>Success</status>   
  <description>Provisioning profile updated successfully.</description>   
  <provisioningProfileExpiry>2013-11-03T05:30:20.011+00:00</provisioningProfileExpiry> </actionResponse>   
  Mandatory attributes in Response

- status

Access Control

* -  Customer Properties: Enable iOS App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Stop App Distribution**

Request  
POST /application-apis/applications/1.0/stopAppDistribution/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Stop a specific distribution of an app ❖ Relevant for iOS and Android

Parameters

billingId appType

appId appVersion

targetDevices

deviceGroupId deviceId winPkgType

Required

Required Optional

Optional Optional

Billing ID of the account for which the web-service is being executed  
Possible values:  
1: iOS Enterprise Application

2: iOS App Store Application  
3: Android Enterprise Application  
4: Android Market Application  
5: Windows Phone Company Application  
6: Windows Phone Market Application  
12: Windows Package Application  
Unique ID of the application distributed  
Version of app to be stopped from distribution when more than one version is present  
Possible values:  
0: All Devices  
1: Device Group  
2: Specific Device  
Required if targetDevices = 1  
Required if targetDevices = 2  
winPkgType is required if appType = 12.

Possible values for winPkgType : EXE, SCRIPTS, MSI, DOWNLOADABLE\_FILES

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image

Required

Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/applications/1.0/stopAppDistribution/1007263?appType=1&appId=com.example&targetDevices=0*

Sample Response

<actionResponse> <status>Success</status>

<description>Distribution stopped successfully.</description> </actionResponse>

Mandatory attributes in Response - status

Access Control

* -  Customer Properties: Enable iOS App Store or Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps   
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**Add iTunes App Store App (v1)**

Request  
POST /application-apis/applications/1.0/addITunesApp/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Add a iTunes App Store app to MaaS360 Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

region appName

Required Optional

Billing ID of the account for which the web-service is being executed  
Default is US  
Full App Name of the app that needs to be added to MaaS360.

* If the appName is given in appDetails, then the app is searched for in the iTunes API and the first app that is obtained from the search that matched the search criteria is added.
* App search gives higher priority to appId, then bundleID, and the least priority to appName.
  + If appDetails contains appId with any other parameter (bundleID, appName), then the app is searched based on appId ignoring bundleID and appName.
  + If appDetails does not contain appId, but contains both bundleID and appName, the app is searched based on bundleID ignoring appName.
  + If both bundleID and appId are not given, then the app is searched by appName.   
    The ID of the app.
* If the appId that is given in appDetails is present in iTunes and returns any app, then the app is added.
* If the appId that is given in appDetails is not present in iTunes, an app not found error message is displayed.
* App search gives higher priority to appId, then bundleID, and the least priority to appName.
  + If appDetails contains appId with any other parameter (bundleID, appName), then the app is searched based on appId ignoring bundleID and appName.
  + If appDetails does not contain appId, but contains both bundleID and appName, the app is searched based on bundleID ignoring appName.
  + If both bundleID and appId are not given, then the app is searched by appName.

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|  |
| --- |
| Required |
| Optional |

appId

bundleId

Optional

The ID of the bundle app.

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Image Image Image Image Image Image Image Image

removeApp

restrictDataBackup showInADP

appOwner isAppApprovalApp

Required Required

Optional

* If the bundleID that is given in appDetails is present in iTunes and returns any app, then the app is added.
* If the bundleID that is given in appDetails is not present in iTunes, an app not found error message is displayed.
* App search gives higher priority to appId, then bundleID, and the least priority to appName.
  + If appDetails contains appId with any other parameter (bundleID, appName), then the app is searched based on appId ignoring bundleID and appName.
  + If appDetails does not contain appId, but contains both bundleID and appName, the app is searched based on bundleId ignoring appName.
  + If both bundleID and appId are not given, then the app is searched by appName.   
    Remove App on MDM Control Removal and Selective Wipe. Possible values: Yes, No  
    Restrict Data Backup to iTunes. Possible values: Yes, No Relevant only If App Discovery Portal is enabled for the account   
    Possible values:  
    0: Not Available  
    1: View only  
    2: View & Request  
    Email Address of the App Owner who needs to be intimated (Required if showInADP = 1 or 2)   
    The app has gone through the approval process.
  + If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)
  + If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).   
    If the isAppApprovalApp parameter is not present,   
    then the app is added to the production catalog.
* 3. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is disabled, then the app is always added   
  to the production catalog.   
  Remove app on MDM removal. Possible values: Yes, No Remove app on selective wipe. Possible values: Yes, No Remove app on stopping distribution. Possible values: Yes, No   
  Revoke VPP licenses on stopping distribution. Possible values: Yes, No  
  If the APP\_EVENTS\_REDESIGN customer property is set to Yes and APP\_AUTO\_UPDATE is Admin Controlled, then the value of instantUpdate that is sent by the API is accepted when adding the app to the app store.

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image

Required

Image Image Image

removeAppMDMRemoval removeAppSelWipe removeAppStopDist

revokeVPPStopDist instantUpdate

Optional Optional Optional

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

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Possible values: 0: Disabled  
1: Enabled

Image Image Image

Sample Request

POST *https://services.fiberlink.com/application- apis/applications/1.0/addITunesApp/1007263?appName=sample&removeApp=Yes&restrictDataBackup=Ye s*

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully.</description>

<appId>com.sample.app</appId> </actionResponse>

Possible Error Codes

415 Unsupported Media Type: The server refused to accept the request because it does not support the format of the payload.

List of country codes for “region” parameter

* Argentina: AR
* Armenia: AM
* Australia: AU
* Austria: AT
* Belgium: BE
* Botswana: BW
* Brazil: BR
* Bulgaria: BG
* Canada: CA
* Chile: CL
* China: CN
* Colombia: CO
* Costa Rica: CR
* Croatia: HR
* Czech Republic: CZ
* Denmark: DK
* Dominican Republic: DO
* Ecuador: EC
* Egypt: EG
* El Salvador: SV
* Estonia: EE
* Finland: FI
* France: FR
* Germany: DE
* Greece: GR
* Guatemala: GT
* Honduras: HN
* Hong Kong: HK
* Hungary: HU
* India: IN
* Indonesia: ID
* Ireland: IE
* Israel: IL
* Italy: IT
* Jamaica: JM
* Japan: JP
* Jordan: JO   
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* Kazakstan: KZ
* Kenya: KE
* Kuwait: KW
* Latvia: LV
* Lebanon: LB
* Lithuania: LT
* Luxembourg: LU
* Macau: MO
* Macedonia: MK
* Madagascar: MG
* Malaysia: MY
* Mali: ML
* Malta: MT
* Mauritius: MU
* Mexico: MX
* Netherlands: NL
* New Zealand: NZ
* Nicaragua: NI
* Niger: NE
* Norway: NO
* Pakistan: PK
* Panama: PA
* Paraguay: PY
* Peru: PE
* Philippines: PH
* Poland: PL
* Portugal: PT
* Qatar: QA
* Republic Of Korea: KR
* Republic Of Moldova: MD
* Romania: RO
* Russia: RU
* Saudi Arabia: SA
* Senegal: SN
* Singapore: SG
* Slovakia: SK
* Slovenia: SI
* South Africa: ZA
* Spain: ES
* Sri Lanka: LK
* Sweden: SE
* Switzerland: CH
* Taiwan: TW
* Thailand: TH
* Tunisia: TN
* Turkey: TR
* Uganda: UG
* United Arab Emirates: AE
* United Kingdom: GB
* United States: US
* Uruguay: UY
* Venezuela: VE
* Vietnam: VN   
  Mandatory attributes in Response
* -  status
* -  appId   
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Access Control

* -  Customer Properties: Enable iOS App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Add iTunes App Store App (v2)**

Request  
POST /application-apis/applications/2.0/addITunesApp/customer/<billingID>

**Content Type Header:** multipart/form-data Definition

❖ Add a iTunes App Store app to MaaS360  
❖ Enhanced version of addITunesApp API to support specifying App attributes

Parameters

billingId

region appName

Required Optional

Billing ID of the account for which the web-service is being executed  
Default is US  
Full App Name of the app that needs to be added to MaaS360.

• App search gives higher priority to appId, then bundleID, and the least priority to appName.

* If appDetails contains appId with any other parameter (bundleID, appName), then the app is searched based on appId ignoring bundleID and appName.
* If appDetails does not contain appId, but contains both bundleID and appName, the app is searched based on bundleID ignoring appName.
* If both bundleID and appId are not given, then the app is searched by appName.   
  The ID of the app.
* If the appId that is given in appDetails is present in iTunes and returns any app, then the app is added.
* If the appId that is given in appDetails is not present in iTunes, then an app not found error message is displayed.
* App search gives higher priority to appId, then bundleID, and the least priority to appName.
  + If appDetails contains appId with any other parameter (bundleID, appName), then the app is searched based on appId ignoring bundleID and appName.
  + If appDetails does not contain appId, but contains both bundleID and appName, the app is searched based on bundleID ignoring appName.
  + If both bundleID and appId are not given, then the app is searched by appName.   
    The ID of the bundle app.   
    • If the bundleID that is given in appDetails is present in iTunes and returns any app, then the app is added.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

|  |
| --- |
| Required |
| Optional |
| Optional |

appId

bundleId

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removeApp restrictDataBackup showInADP

appOwner

appAttributes isAppApprovalApp

Required Required

Optional Optional

* If the bundleID that is given in appDetails is not present in iTunes, an app not found error message is displayed.
* App search gives higher priority to appId, then bundleID, and the least priority to appName.
  + If appDetails contains appId with any other parameter (bundleID, appName), then the app is searched based on appId ignoring bundleID and appName
  + If appDetails does not contain appId, but contains both bundleID and appName, the app is searched based on bundleID ignoring appName.
  + If both bundleID and appId are not given, then the app is searched by appName.   
    Remove App on MDM Control Removal and Selective Wipe. Possible values: Yes, No  
    Restrict Data Backup to iTunes. Possible values: Yes, No   
    Relevant only If App Discovery Portal is enabled for the account  
    Possible values:  
    0: Not Available   
    1: View only  
    2: View & Request  
    Email Address of the App Owner who needs to be intimated (Required if showInADP = 1 or 2)   
    The app has gone through the approval process.
  + If the ENABLE\_APP\_APPROVAL\_PROCESS customer   
    property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)
  + If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).   
    If the isAppApprovalApp parameter is not present,   
    then the app is added to the production catalog.
  + If the ENABLE\_APP\_APPROVAL\_PROCESS customer   
    property is disabled, then the app is always added to the production catalog.
* Remove app on MDM removal. Possible values: Yes, No Remove app on selective wipe. Possible values: Yes, No Remove app on stopping distribution. Possible values: Yes, No   
  Revoke VPP licenses on stopping distribution. Possible values: Yes, No  
  If the APP\_EVENTS\_REDESIGN customer property is set to Yes and APP\_AUTO\_UPDATE is Admin Controlled, then the value of instantUpdate that is sent by the API is accepted when adding the app to the app store. Possible values:

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image

Required

Image Image Image

removeAppMDMRemoval removeAppSelWipe removeAppStopDist

revokeVPPStopDist instantUpdate

Optional Optional Optional

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

0: Disabled 1: Enabled

Image Image Image

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Sample Request

*POST https://services.fiberlink.com/application-apis/applications/2.0/addITunesApp/customer/1007263*

The request should contain 1 part:  
- Name = app\_details; Value = XML file for attributes other than the file

Format for the XML is as follows:

<appDetails>  
<region>US</region> <appName>MyApp</appName> <removeApp>Yes</removeApp> <restrictDataBackup>Y es</restrictDataBackup> <showInADP>0</showInADP> <appOwner>owner@example.com</appOwner> <appAttributes>

<appAttribute> <attributeName>name</attributeName> <attributeValue>xyz</attributeValue>

</appAttribute> <appAttribute>

<attributeName>Email</attributeName>

<attributeValue>abc@def.com</attributeValue> </appAttribute>

</appAttributes> </appDetails>

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully.</description>

<appId>com.sample.app</appId> </actionResponse>

Possible Error Codes

415 Unsupported Media Type: The server refused to accept the request because it does not support the format of the payload.

List of country codes for “region” parameter

* Argentina: AR
* Armenia: AM
* Australia: AU
* Austria: AT
* Belgium: BE
* Botswana: BW
* Brazil: BR
* Bulgaria: BG
* Canada: CA
* Chile: CL
* China: CN
* Colombia: CO
* Costa Rica: CR
* Croatia: HR
* Czech Republic: CZ
* Denmark: DK
* Dominican Republic: DO
* Ecuador: EC   
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* Egypt: EG
* El Salvador: SV
* Estonia: EE
* Finland: FI
* France: FR
* Germany: DE
* Greece: GR
* Guatemala: GT
* Honduras: HN
* Hong Kong: HK
* Hungary: HU
* India: IN
* Indonesia: ID
* Ireland: IE
* Israel: IL
* Italy: IT
* Jamaica: JM
* Japan: JP
* Jordan: JO
* Kazakstan: KZ
* Kenya: KE
* Kuwait: KW
* Latvia: LV
* Lebanon: LB
* Lithuania: LT
* Luxembourg: LU
* Macau: MO
* Macedonia: MK
* Madagascar: MG
* Malaysia: MY
* Mali: ML
* Malta: MT
* Mauritius: MU
* Mexico: MX
* Netherlands: NL
* New Zealand: NZ
* Nicaragua: NI
* Niger: NE
* Norway: NO
* Pakistan: PK
* Panama: PA
* Paraguay: PY
* Peru: PE
* Philippines: PH
* Poland: PL
* Portugal: PT
* Qatar: QA
* Republic Of Korea: KR
* Republic Of Moldova: MD
* Romania: RO
* Russia: RU
* Saudi Arabia: SA
* Senegal: SN
* Singapore: SG
* Slovakia: SK
* Slovenia: SI
* South Africa: ZA
* Spain: ES   
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* Sri Lanka: LK
* Sweden: SE
* Switzerland: CH
* Taiwan: TW
* Thailand: TH
* Tunisia: TN
* Turkey: TR
* Uganda: UG
* United Arab Emirates: AE
* United Kingdom: GB
* United States: US
* Uruguay: UY
* Venezuela: VE
* Vietnam: VN   
  Mandatory attributes in Response
* -  status
* -  appId Access Control
* -  Customer Properties: Enable iOS App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Add iOS Enterprise App (apps smaller than 50 MB)**

Request  
POST /application-apis/applications/1.0/addIOSEnterpriseApp/<billingID>

**Content Type Header:** multipart/form-data Definition

❖ Uploads an iOS Enterprise app to MaaS360.  
❖ Upload an ipa file, or provide the URL where the ipa file is hosted.  
❖ The request contains at least two parts: the app details, then the app source, then any screenshots.

o Part 1: Name = app\_details; Value = XML of app details  
o Part 2: Name = appSource; Value = upload file binary or URL o Part 3-4: Name = screenshot1, Value = screen shot file binary

Parameters

billingID maas360Hosted appSource

appSourceURL

description category screenshot1 screenshot2 removeApp

restrictDataBackup showInADP

appOwner isAppApprovalApp

Required  
Optional  
Optional, or Required if maas360Hosted=No Optional, or required if maas360Hosted=No Required

Optional Optional Optional Required

Required

Optional, or Required if showInADP=1 or 2

Customer identification number  
Possible values: Yes (default), No  
The filepath of the ipa file to be uploaded Mutually exclusive with appSourceURL

The URL of the hosted ipa file. Mutually exclusive with appSource

Text description of the app MaaS360 app catalog category Uploads jpg, gif, or png Uploads jpg, gif, or png Possible values: Yes, No

Set to remove the app during MDM Control Removal and Selective Wipe.  
Possible values: Yes, No  
Prevents backing up the app to iTunes.  
Possible values: 0 (Not Available), 1 (View only), 2 (View & Request)

Use only if the App Discovery Portal is enabled for the account.  
Contact email address of the app owner

The app has gone through the approval process.

1. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)

2. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image

Required

Image Image Image

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removeAppOnMDMRemoval Optional removeAppOnSelectiveWipe Optional removeAppOnStopDistribution Optional revokeVPPStopDist Optional

Sample Request

If the isAppApprovalApp parameter is not present, then the app is added to the production catalog.

3. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is disabled, then the app is always added to the production catalog.

Remove app on MDM removal. Possible values: Yes, No  
Remove app on selective wipe. Possible values: Yes, No

Remove app on stopping distribution. Possible values: Yes, No  
Revoke VPP licenses on stopping distribution. Possible values: Yes, No

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*POST https://services.fiberlink.com/application-apis/applications/1.0/addIOSEnterpriseApp/1101234*

Sample Request Value (Part 1)

<appDetails>  
<maas360Hosted>Yes</maas360Hosted> <appSourceURL></appSourceURL>  
<description>Download this app immediately. </description> <category>General</category> <removeApp>Yes</removeApp>  
<restrictDataBackup>Y es</restrictDataBackup> <showInADP>2</showInADP> <appOwner>devteam@example.com</appOwner>

</appDetails>

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully. </description>

<appId>com.sample.app</appId> </actionResponse>

Mandatory attributes in Response

* -  status
* -  appId Access Control
* -  Customer Properties: Enable iOS App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Add iOS Enterprise App (apps more than 50 MB)**

Request  
POST /application-apis/applications/1.0/addIOSEnterpriseApp2/<billingID>

**Content Type Header:** multipart/form-data Definition

❖ Uploads an iOS Enterprise app (the filesize of which exceeds 50MB) to MaaS360.  
❖ Upload an ipa file, or provide the URL where the ipa file is hosted.  
❖ The request contains at least two parts: the app details, then the app source, then any screenshots.

o Part 1: Name = app\_details; Value = XML of app details  
o Part 2: Name = appSource; Value = upload file binary or URL o Part 3-4: Name = screenshot1, Value = screen shot file binary

Parameters

billingID maas360Hosted appSource

appSourceURL

description category screenshot1 screenshot2 removeApp

showInADP

appOwner isAppApprovalApp

Required  
Optional  
Optional, or Required if maas360Hosted=No Optional, or required if maas360Hosted= No  
Required  
Optional  
Optional  
Optional  
Required

Optional, or Required if showInADP=1 or 2

Customer identification number  
Possible values: Yes (default), No  
The filepath of the ipa file to be uploaded Mutually exclusive with appSourceURL The URL of the hosted ipa file  
Mutually exclusive with appSource

Text description of the app MaaS360 app catalog category Uploads jpg, gif, or png Uploads jpg, gif, or png Possible values: Yes, No

Set to remove the app during MDM Control Removal and Selective Wipe.  
Possible values: 0 (Not Available), 1 (View only), 2 (View & Request)

Use only if the App Discovery Portal is enabled for the account.  
Contact email address of the app owner

The app has gone through the approval process.

1. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)

2. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).

3. If the isAppApprovalApp parameter is not present, then the app is added to the production catalog.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image

Required

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removeAppOnMDMRemoval Optional removeAppOnSelectiveWipe Optional removeAppOnStopDistribution Optional revokeVPPStopDist Optional

Sample Request

If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is disabled, then the app is always added to the production catalog.

Remove app on MDM removal. Possible values: Yes, No  
Remove app on selective wipe. Possible values: Yes, No

Remove app on stopping distribution. Possible values: Yes, No  
Revoke VPP licenses on stopping distribution. Possible values: Yes, No

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/application-apis/applications/1.0/addIOSEnterpriseApp2/1101234*

Sample Request Value (Part 1)

<appDetails>  
<maas360Hosted>Yes</maas360Hosted> <appSourceURL></appSourceURL>  
<description>Download this app immediately. </description> <category>General</category> <removeApp>Yes</removeApp>  
<restrictDataBackup>Y es</restrictDataBackup> <showInADP>2</showInADP> <appOwner>devteam@example.com</appOwner>

</appDetails>

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully. </description>

<appId>com.sample.app</appId> </actionResponse>

Mandatory attributes in Response

* -  status
* -  appId
* -  appUploadRequestId   
  Access Control
* -  Customer Properties: Enable iOS App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Enterprise App Upload Request Status**

Request  
GET /application-apis/applications/1.0/appUploadRequestStatus/<billingID>?appUploadRequestId=1234

Definition

❖ Gets the status of large enterprise apps (more than 50 MB) uploaded – iOS or Android Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId appUploadRequestId

Sample Request

Required Required

Billing ID of the account for which the web-service is being executed  
Request ID which was given as a response in the large Enterprise App upload APIs

Image Image Image Image Image Image

https://services.fiberlink.com/application- apis/applications/1.0/appUploadedRequestStatus/1007623?appUploadRequestId=1234

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully.</description>

<appId>com.sample.app</appId> </actionResponse>

Mandatory attributes in Response

* -  status
* -  appId Access Control
* -  Customer Properties: Enable iOS App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Add Google Play App (v1)**

Request  
POST /application-apis/applications/1.0/addPlayApp/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Add a Google Play app to MaaS360  
❖ The app permissions are auto approved for Android Enterprise Customers.

Parameters

billingId

appSourceURL removeAppMDMRemoval removeAppSelWipe enforceAuthentication enforceCompliance showInADP

appOwner isAppApprovalApp

Required

Required Required Required Required Required

Optional

Billing ID of the account for which the web-service is being executed  
Google Play URL for the app  
Possible values: Yes, No

Possible values: Yes, No  
Possible values: Yes, No  
Possible values: Yes, No  
Relevant only If App Discovery Portal is enabled for the account

Possible values:  
0: Not Available  
1: View only  
2: View & Request  
Email Address of the App Owner who needs to be intimated (Required if showInADP = 1 or 2)

The app has gone through the approval process.

1. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)

1. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).   
   If the isAppApprovalApp parameter is not present,   
   then the app is added to the production catalog.
2. If the ENABLE\_APP\_APPROVAL\_PROCESS customer   
   property is disabled, then the app is always added to the production catalog.

Possible values: Yes, No  
The apps are auto updated based on the auto update mode.  
Note: Supported only if Android Enterprise is configured.  
possible values: DEFAULT, POSTPONED, HIGH\_PRIORITY Note: Supported only if Android Enterprise is configured.  
These auto update settings control how apps must be updated on Android Enterprise devices.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image

|  |
| --- |
| Required |
| Optional |
| Required |

instantUpdate

autoUpdateMode

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Image Image Image Image Image

Supported auto update modes:

* **Default** - Updates the app over a wifi network when the device is charging or idle.
* **Postpone** - Pauses automatic app updates for a period of 90 days. The app is not automatically updated during these 90 days, starting from the day the developer published the new update. After the 90-day period is over, the latest version of the app is automatically installed on the device according to the default app update behavior. Note: The postpone mode does not prevent users from manually updating the apps. Users can manually update the apps from the Google Play store during the postponement period.
* **High priority** - Updates the app as soon as the app developer publishes a new version, without taking the default app update conditions into consideration. If the device is offline, the app is updated as soon as the device is connected to the internet. The updates might occur during business hours and cause work disruptions.

Image Image Image

Sample Request

POST *https://services.fiberlink.com/application- apis/applications/1.0/addPlayApp/1007263?appSourceURL=https://play.google.com/store/apps/details?i d=org.cocos2dx.NautilusCricket2014&removeAppMDMRemoval=Yes&removeAppSelWipe=Yes&enforceAuth entication=Yes&enforceCompliance=Yes*

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully.</description>

<appId>com.sample.app</appId> </actionResponse>

Mandatory attributes in Response

* -  status
* -  appId Access Control
* -  Customer Properties: Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Add Google Play App (v2)**

Request  
POST /application-apis/applications/2.0/addPlayApp/customer/<billingID>

**Content Type Header:** multipart/form-data Definition

❖ Add a Google Play app to MaaS360  
❖ Enhanced version of addPlayApp API to support specifying App attributes ❖ The app permissions are auto approved for Android Enterprise Customers.

Parameters

billingId

appSourceURL removeAppMDMRemoval removeAppSelWipe enforceAuthentication enforceCompliance showInADP

appOwner

appAttributes isAppApprovalApp

Required

Required Required Required Required Required

Optional Optional

Billing ID of the account for which the web-service is being executed  
Google Play URL for the app  
Possible values: Yes, No

Possible values: Yes, No  
Possible values: Yes, No  
Possible values: Yes, No  
Relevant only If App Discovery Portal is enabled for the account

Possible values:  
0: Not Available  
1: View only  
2: View & Request  
Email Address of the App Owner who needs to be intimated (Required if showInADP = 1 or 2)

The app has gone through the approval process.

1. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)
2. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).   
   If the isAppApprovalApp parameter is not present,   
   then the app is added to the production catalog.
3. If the ENABLE\_APP\_APPROVAL\_PROCESS customer   
   property is disabled, then the app is always added to the production catalog.

Possible values: Yes, No  
The apps are auto updated based on the auto update mode.  
Note: Supported only if Android Enterprise is configured.  
possible values: DEFAULT, POSTPONED, HIGH\_PRIORITY Note: Supported only if Android Enterprise is configured.  
These auto update settings control how apps must be updated on Android Enterprise devices.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

|  |
| --- |
| Required |
| Optional |
| Required |

instantUpdate

autoUpdateMode

Optional

Image

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Image Image Image Image Image

Supported auto update modes:

* **Default** - Updates the app over a wifi network when the device is charging or idle.
* **Postpone** - Pauses automatic app updates for a period of 90 days. The app is not automatically updated during these 90 days, starting from the day the developer published the new update. After the 90-day period is over, the latest version of the app is automatically installed on the device according to the default app update behavior. Note: The postpone mode does not prevent users from manually updating the apps. Users can manually update the apps from the Google Play store during the postponement period.   
  **High priority** - Updates the app as soon as the app developer publishes a new version, without taking the default app update conditions into consideration. If the device is offline, the app is updated as soon as the device is connected to the internet. The updates might occur during business hours and cause work disruptions.

Image Image Image

Sample Request

*POST https://services.fiberlink.com/application-apis/applications/2.0/addPlayApp/customer/1007263*

- Name = app\_details; Value = XML file for attributes other than the file

Format for the XML is as follows:

<appDetails> <appSourceURL>https://play.google.com/store/apps/details?id=org.cocos2dx.NautilusCricket201

4</appSourceURL> <removeAppMDMRemoval>Yes</removeAppMDMRemoval> <removeAppSelWipe>Yes</removeAppSelWipe> <enforceAuthentication>Yes</enforceAuthentication> <enforceCompliance>Yes</enforceCompliance> <showInADP>0</showInADP> <appOwner>owner@example.com</appOwner> <appAttributes>

<appAttribute> <attributeName>name</attributeName>

<attributeValue>xyz</attributeValue> </appAttribute>

<appAttribute> <attributeName>Email</attributeName>

<attributeValue>abc@def.com</attributeValue> </appAttribute>

</appAttributes> </appDetails>

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully.</description>

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<appId>com.sample.app</appId> </actionResponse>

Mandatory attributes in Response

* -  status
* -  appId Access Control
* -  Customer Properties: Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Add Android Enterprise App (apps smaller than 50 MB)**

Request  
POST /application-apis/applications/1.0/addAndroidEnterpriseApp/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Uploads an Android Enterprise app (the filesize does not exceed 50 MB) to MaaS360.  
❖ Upload an apk file, or provide the URL where the apk file is hosted.  
❖ The request contains at least two parts: the app details, then the app source, then any screenshots.

o Part 1: Name = app\_details; Value = XML of app details  
o Part 2: Name = appSource; Value = upload file binary or URL o Part 3-4: Name = screenshot1, Value = screen shot file binary

Parameters

billingID maas360Hosted appSource

appSourceURL

description  
category  
screenshot1 screenshot2 removeAppMDMRemoval

removeAppSelWipe

enforceAuthentication enforceCompliance instantInstall instantInstallTransport

showInADP

appOwner isAppApprovalApp

Required  
Optional  
Optional, or Required if maas360Hosted=Yes Optional, or Required if maas360Hosted= No Required  
Optional  
Optional  
Optional  
Required

Required

Required  
Required  
Required  
Optional, or Required if instantInstall=Yes

Optional, or Required if showInADP=1 or 2

Customer identification number  
Possible values: Yes (default), No  
The filepath of the apk file to be uploaded Mutually exclusive with appSourceURL  
The URL of the hosted apk file  
Mutually exclusive with appSource  
Text description of the app  
MaaS360 app catalog category  
Uploads jpg, gif, or png  
Uploads jpg, gif, or png  
Possible values: Yes, No  
Set to remove the app during MDM Control Removal.  
Possible values: Yes, No  
Set to remove the app during Selective Wipe. Possible values: Yes, No  
Possible values: Yes, No  
Possible values: Yes, No  
Possible values: 0 (All networks), 1 (Wi-fi only), 2 (Wi-fi and in-network cellular) Possible values: 0 (Not Available), 1 (View only), 2 (View & Request)  
Use only if the App Discovery Portal is enabled for the account.  
Contact email address of the app owner

The app has gone through the approval process.  
1. If the ENABLE\_APP\_APPROVAL\_PROCESS

customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image

Required

2. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).

Image Image Image Image Image Image

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**205**

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If the isAppApprovalApp parameter is not present, then the app is added to the production catalog.

3. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is disabled, then the app is always added to the production catalog.

Image Image Image Image Image Image

Sample Request

*https://services.fiberlink.com/application-apis/applications/1.0/addAndroidEnterpriseApp/1101234*

Sample Request Value (Part 1)

<appDetails>  
<maas360Hosted>Yes</maas360Hosted> <appSourceURL></appSourceURL>  
<description>Download this app immediately. </description> <category>General</category> <removeAppMDMRemoval>Yes</removeAppMDMRemoval> <removeAppSelWipe>Yes</removeAppSelWipe> <enforceAuthentication>Yes</enforceAuthentication> <enforceCompliance>Yes</enforceCompliance> <instantInstall>Yes</instantInstall> <instantInstallTransport>2</instantInstallTransport> <showInADP>2</showInADP> <appOwner>devteam@example.com</appOwner>

</appDetails>

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully. </description> </actionResponse>

Mandatory attributes in Response

* -  status
* -  appId Access Control
* -  Customer Properties: Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Add Android Enterprise App (apps larger than 50 MB)**

Request  
POST /application-apis/applications/1.0/addAndroidEnterpriseAppPlus/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Uploads an Android Enterprise app (the filesize of which exceeds 50MB) to MaaS360.  
❖ Upload an apk file, or provide the URL where the apk file is hosted.  
❖ The request contains at least two parts: the app details, then the app source, then any screenshots.

o Part 1: Name = app\_details; Value = XML of app details  
o Part 2: Name = appSource; Value = upload file binary or URL o Part 3-4: Name = screenshot1, Value = screen shot file binary

Parameters

billingID maas360Hosted appSource

appSourceURL

description  
category  
screenshot1 screenshot2 removeAppMDMRemoval

removeAppSelWipe

enforceAuthentication enforceCompliance instantInstall instantInstallTransport

showInADP

appOwner isAppApprovalApp

Required  
Optional  
Optional, or Required if maas360Hosted=Yes Optional, or Required if maas360Hosted= No Required  
Optional  
Optional  
Optional  
Required

Required

Required  
Required  
Required  
Optional, or Required if instantInstall=Yes

Optional, or Required if showInADP=1 or 2

Customer identification number  
Possible values: Yes (default), No  
The filepath of the apk file to be uploaded Mutually exclusive with appSourceURL  
The URL of the hosted apk file  
Mutually exclusive with appSource  
Text description of the app  
MaaS360 app catalog category  
Uploads jpg, gif, or png  
Uploads jpg, gif, or png  
Possible values: Yes, No  
Set to remove the app during MDM Control Removal.  
Possible values: Yes, No  
Set to remove the app during Selective Wipe. Possible values: Yes, No  
Possible values: Yes, No  
Possible values: Yes, No  
Possible values: 0 (All networks), 1 (Wi-fi only), 2 (Wi-fi and in-network cellular) Possible values: 0 (Not Available), 1 (View only), 2 (View & Request)  
Use only if the App Discovery Portal is enabled for the account.  
Contact email address of the app owner

The app has gone through the approval process.  
1. If the ENABLE\_APP\_APPROVAL\_PROCESS

customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image

Required

2. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog).

Image Image Image Image Image Image

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If the isAppApprovalApp parameter is not present, then the app is added to the production catalog.

3. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is disabled, then the app is always added to the production catalog.

Image Image Image Image Image Image

Sample Request

*https://services.fiberlink.com/application-apis/applications/1.0/addAndroidEnterpriseAppPlus/1101234*

Sample Request Value (Part 1)

<appDetails>  
<maas360Hosted>Yes</maas360Hosted> <appSourceURL></appSourceURL>  
<description>Download this app immediately. </description> <category>General</category> <removeAppMDMRemoval>Yes</removeAppMDMRemoval> <removeAppSelWipe>Yes</removeAppSelWipe> <enforceAuthentication>Yes</enforceAuthentication> <enforceCompliance>Yes</enforceCompliance> <instantInstall>Yes</instantInstall> <instantInstallTransport>2</instantInstallTransport> <showInADP>2</showInADP> <appOwner>devteam@example.com</appOwner>

</appDetails>

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully. </description>

<appUploadRequestId>1234</appUploadRequestId > </actionResponse>

Mandatory attributes in Response

* -  status
* -  appUploadRequestId Access Control
* -  Customer Properties: Enable Android App Store or Enable New App Management workflows
* -  Access Rights: Apps - Manage Apps

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**Add Mac App Store App**

Request  
POST /application-apis/macApps/2.0/addMacAppStoreApp/customer/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Add a Mac App Store app to MaaS360. ❖ The request should contain one part:

Part 1: Name = appDetails; Value = XML file for attributes other than the file

o

Parameters

billingID

Region appName

removeWithSelectiveWipe removeWithMDMRemoval removeOnStopDist

Required

Optional Required

Required Required Optional

Billing ID of the account for which the web- service is being executed  
Default: US  
Full app name of the app that needs to be added to MaaS360

Remove App on selective wipe. Possible values: Yes or No. Default: Yes  
Remove App on MDM Control Removal. Possible values: Yes or No. Default: Yes

Remove App on Stopping Distribution. Possible values: Yes or No. Default:No

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/macApps/2.0/addMacAppStoreApp/customer/1007263*

Sample Request Value (Part 1)

<appDetails> <region>US</region>

<appName>MyApp</appName> <removeWithSelectiveWipe>No</removeWithSelectiveWipe> <removeWithMDMRemoval>No</removeWithMDMRemoval> <removeOnStopDist>Yes</removeOnStopDist>

</appDetails>  
List of country codes for “region” parameter

* Argentina: AR
* Armenia: AM
* Australia: AU
* Austria: AT
* Belgium: BE
* Botswana: BW
* Brazil: BR
* Bulgaria: BG
* Canada: CA
* Chile: CL
* China: CN
* Colombia: CO
* Costa Rica: CR
* Croatia: HR
* Czech Republic: CZ
* Denmark: DK
* Dominican Republic: DO   
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* Ecuador: EC
* Egypt: EG
* El Salvador: SV
* Estonia: EE
* Finland: FI
* France: FR
* Germany: DE
* Greece: GR
* Guatemala: GT
* Honduras: HN
* Hong Kong: HK
* Hungary: HU
* India: IN
* Indonesia: ID
* Ireland: IE
* Israel: IL
* Italy: IT
* Jamaica: JM
* Japan: JP
* Jordan: JO
* Kazakstan: KZ
* Kenya: KE
* Kuwait: KW
* Latvia: LV
* Lebanon: LB
* Lithuania: LT
* Luxembourg: LU
* Macau: MO
* Macedonia: MK
* Madagascar: MG
* Malaysia: MY
* Mali: ML
* Malta: MT
* Mauritius: MU
* Mexico: MX
* Netherlands: NL
* New Zealand: NZ
* Nicaragua: NI
* Niger: NE
* Norway: NO
* Pakistan: PK
* Panama: PA
* Paraguay: PY
* Peru: PE
* Philippines: PH
* Poland: PL
* Portugal: PT
* Qatar: QA
* Republic Of Korea: KR
* Republic Of Moldova: MD
* Romania: RO
* Russia: RU
* Saudi Arabia: SA
* Senegal: SN
* Singapore: SG
* Slovakia: SK
* Slovenia: SI
* South Africa: ZA   
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* Spain: ES
* Sri Lanka: LK
* Sweden: SE
* Switzerland: CH
* Taiwan: TW
* Thailand: TH
* Tunisia: TN
* Turkey: TR
* Uganda: UG
* United Arab Emirates: AE
* United Kingdom: GB
* United States: US
* Uruguay: UY
* Venezuela: VE
* Vietnam: VN   
  Sample Response   
  <actionResponse> <status>Success</status>   
  <description>Application uploaded successfully.</description>   
  <appId>com.sample.app</appId> </actionResponse>   
  Mandatory attributes in Response
* -  status
* -  appId Access Control
* -  Customer Properties: Enable AppCatalog for macOS
* -  Access Rights: Apps - Manage Apps

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**Add Windows Dependency**

Request  
POST /application-apis/winApps/2.0/addWindowsDependency/customer/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Add one Windows dependency file (appx or appxbundle) to MaaS360. ❖ The request should contain one part:

o

Parameters

billingID appSource

Part 1: Name = dependency1; Value = Upload file

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Required Required

Billing ID of the account for which the web- service is being executed  
Dependency file to be uploaded

Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/winApps/2.0/addWindowsDependency/customer/1007263*

Sample Response

<actionResponse> <status>Success</status>

<description>Dependency uploaded successfully.</description> <dependencyName>Microsoft.NET.Native.Runtime.1.1</dependencyName> <dependencyVersion>1.1.23406.0</dependencyVersion> <dependencyArchitecture>ARM,</dependencyArchitecture>

</actionResponse>  
Mandatory attributes in Response

* -  status
* -  dependencyName
* -  dependencyVersion
* -  dependencyArchitecture   
  Access Control
* -  Customer Properties: ENABLE\_NEW\_APPS, MANAGE\_WINDOWS7\_PHONE
* -  Access Rights: Apps - Manage Apps

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**Add Windows Enterprise App**

Request  
POST /application-apis/winApps/2.0/addWindowsEnterpriseApp/customer/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Add a Windows enterprise app to MaaS360.  
❖ Upload an xap, appx, appxbundle file, or provide the URL where the file is hosted. ❖ The request should contain six parts:

o Part 1: Name = app\_details; Value = XML file for attributes other than the file o Part 2: Name = appSource; Value = Upload file  
o Part 3: Name = screenshot1; Value = Screenshot file1  
o Part 4: Name = screenshot2; Value = Screenshot file2

o Part 5: Name = screenshot3; Value = Screenshot file3 o Part 6: Name = screenshot4; Value = Screenshot file4

Parameters

billingID

maas360Hosted appSource

appSourceURL

description  
category  
screenshot1  
screenshot2  
screenshot3  
screenshot4 removeAppOnMDMRemoval

removeAppOnSelectiveWipe removeAppOnStopDistribution instantInstall  
isUniversalApp

pfn showInADP

appOwner

Required

Optional Optional

Optional

Required Optional Optional Optional Optional Optional Required

Required Required Optional Required Optional

Optional

Billing ID of the account for which the web- service is being executed  
Default: Y es  
The ipa file to be uploaded. If maas360Hosted = Yes, then this parameter is mandatory.

The URL where the app is hosted. If maas360Hosted = No, then this parameter is mandatory.

Remove App on MDM Control Removal. Possible values: Yes or No  
Remove App Selective Wipe. Possible values: Yes or No

Remove App on Stop distribution. Possible values: Yes or No  
Instant install of the app on the device. Possible values: Yes or No

Is the app uploaded a universal app. Possible values: Yes or No  
Package Family Name. Mandatory for universal apps.

Relevant only If App Discovery Portal is enabled for the account.  
Possible values:  
0: Not Available

1: View only  
2: View & Request  
Email address of the owner of the app who needs to be intimated. Required if showInADP = 1 or 2.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image

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**213**

Image Image Image

appAttributes Optional Sample Request

POST *https://services.fiberlink.com/application- apis/winApps/2.0/addWindowsEnterpriseApp/customer/1007263*

Sample Request Value (Part 1)

<appDetails>  
<maas360Hosted>Yes</maas360Hosted> <appSourceURL></appSourceURL>  
<description>Enterprise App</description> <category>General</category> <removeAppOnMDMRemoval>Yes</removeAppOnMDMRemoval> <removeAppOnSelectiveWipe>Yes</removeAppOnSelectiveWipe> <removeAppOnStopDistribution>Yes</removeAppOnStopDistribution> <instantInstall>Yes</instantInstall> <isUniversalApp>Yes</isUniversalApp> <pfn>95b4d4a7-a5c2-4873-a769-7cdee54ecfce\_z1fqjy1wgpzc2</pfn> <showInADP>2</showInADP> <appOwner>owner@fiberlink.com</appOwner>  
<appAttributes>

<appAttribute> <attributeName>name</attributeName>

<attributeValue>xyz</attributeValue> </appAttribute> </appAttributes>

</appDetails>

Sample Response

<actionResponse> <status>Success</status>

<description>Application uploaded successfully.</description>

<appId>com.sample.app</appId> </actionResponse>

Mandatory attributes in Response

* -  status
* -  appId Access Control
* -  Customer Properties: ENABLE\_NEW\_APPS, MANAGE\_WINDOWS7\_PHONE
* -  Access Rights: Apps - Manage Apps

Image Image Image Image Image Image

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**Add Windows EXE App**

Request  
POST /application-apis/winApps/2.0/addWindowsEnterpriseEXEApp/customer/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Add a Windows EXE app (.exe) to MaaS360.  
❖ The EXE app file must be uploaded by the web service. ❖ The request should contain seven parts:

o Part 1: Name = appSource; Value = Upload file  
o Part 2: Name = app\_details; Value = XML file containing all attributes with value o Part 3: Name = screenshot1 (optional)  
o Part 4: Name = screenshot2 (optional)  
o Part 5: Name = screenshot3 (optional)  
o Part 6: Name = screenshot4 (optional)  
o Part 7: Name = icon

Parameters billingID

Required

Billing ID of the account for which the web- service is being executed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/winApps/2.0/addWindowsEnterpriseEXEApp/customer/1007263*

Sample Request Value

<appDetails>  
<maas360Hosted>Yes</maas360Hosted>  
<appSourceURL></appSourceURL>  
<description>New EXE app notepad</description> <category>Utility</category> <removeAppOnMDMRemoval>Yes</removeAppOnMDMRemoval> <removeAppOnSelectiveWipe>Yes</removeAppOnSelectiveWipe> <removeAppOnStopDistribution>No</removeAppOnStopDistribution> <showInADP>2</showInADP>  
<appOwner>*maas360@in.ibm.com*</appOwner>  
<name>Notepad++</name>  
<executionCommandUnInstall>C:\Program Files (x86)\Notepad++\uninstall.exe /S</executionCommandUnInstall> <executionCommandInstall>%APPNAME%.exe /S</executionCommandInstall> <isRestartReq>No</isRestartReq> <supportedArchitecture>X64</supportedArchitecture> <maintainAsAdditionalVersion>No</maintainAsAdditionalVersion> <appVersion>6.8.8</appVersion>  
<winPkgType>EXE</winPkgType> <installationMode>Silent</installationMode> <IsRestartReq>Yes</IsRestartReq>  
<installContext>System or All Users</installContext>

<installSuccessCriteria> <fileList>

<fileBasedInstallCriteria>  
<filePath>C:\Program Files (x86)\Notepad++\notepad++.exe</filePath>

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<fileSize>049536</fileSize> </fileBasedInstallCriteria>

</fileList> <processList/> <registryList/>

</installSuccessCriteria> </appDetails>

Mandatory attributes in Request

* -  installationMode
* -  supportedArchitecture
* -  executionCommandUnInstall
* -  installSuccessCriteria   
  o appName o appVersion o appIcon   
  Sample Response   
  <actionResponse>  
  <description>Application Successfully Added</description> <status>Success</status>   
  </actionResponse> Access Control
* -  Customer Properties: ENABLE\_NEW\_APPS, WIN\_DESKTOP\_DEVICES
* -  Access Rights: Apps - Manage Apps

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**Add Windows MSI App**

Request  
POST /application-apis/winApps/2.0/addWindowsEnterpriseMSIApp/customer/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Add a Windows MSI app (.msi) to MaaS360.  
❖ The MSI app file must be uploaded by the web service. ❖ The request should contain seven parts:

o Part 1: Name = appSource; Value = Upload file (.msi)  
o Part 2: Name = app\_details; Value = XML file containing all attributes with value o Part 3: Name = screenshot1 (optional)  
o Part 4: Name = screenshot2 (optional)  
o Part 5: Name = screenshot3 (optional)  
o Part 6: Name = screenshot4 (optional)  
o Part 7: Name = icon

Parameters billingID

Required

Billing ID of the account for which the web- service is being executed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/winApps/2.0/addWindowsEnterpriseMSIApp/customer/1007263*

Sample Request Value

<appDetails>  
<maas360Hosted>Yes</maas360Hosted>  
<appSourceURL></appSourceURL>  
<description>newDescriptiondgg8787gMA V</description> <category>games</category> <removeAppOnMDMRemoval>No</removeAppOnMDMRemoval> <removeAppOnSelectiveWipe>Yes</removeAppOnSelectiveWipe> <removeAppOnStopDistribution>No</removeAppOnStopDistribution> <showInADP>2</showInADP> <appOwner>maas360@fiberlink.com</appOwner> <name>AppEXENEWAPPMAV</name> <upgradeCode>{930652F4-E661-40E2-BF23-C4B58913B223}</upgradeCode> <packageCode>{930652F4-E661-40E2-BF23-C4B58913B223}</packageCode> <executionCommandUnInstall>uninstallss.exe</executionCommandUnInstall> <executionCommandInstall>installsss.exe</executionCommandInstall> <isRestartReq>No</isRestartReq> <supportedArchitecture>X64</supportedArchitecture> <maintainAsAdditionalVersion>Yes</maintainAsAdditionalVersion> <appVersion>6.89</appVersion>  
<winPkgType>EXE</winPkgType>  
<installationMode>UI</installationMode>  
<IsRestartReq>Yes</IsRestartReq>

</appDetails>

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Mandatory attributes in Request

* -  installationMode
* -  supportedArchitecture
* -  executionCommandUnInstall
* -  installSuccessCriteria   
  o appName o appVersion o appIcon   
  Sample Response   
  <actionResponse>  
  <description>Application Successfully Added</description> <status>Success</status>   
  </actionResponse> Access Control
* -  Customer Properties: ENABLE\_NEW\_APPS, WIN\_DESKTOP\_DEVICES
* -  Access Rights: Apps - Manage Apps

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**Add Windows Store App**

Request  
POST /application-apis/winApps/2.0/addWinStoreApp/customer/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Add a Windows Store app to MaaS360. ❖ The request should contain one part:

o Part 1: Name = app\_details; Value = XML file for attributes other than the file Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID

maas360Hosted appSourceURL showInADP

category appOwner

appAttributes Sample Request

Required

Optional Required

Optional Optional

Optional

Billing ID of the account for which the web- service is being executed  
Default: Yes  
Windows Store URL of app to be added Relevant only If App Discovery Portal is enabled for the account.

Possible values:  
0: Not Available  
1: View only  
2: View & Request  
Additional categories to be assigned to app other than the Store categories

Email address of the owner of the app who needs to be intimated.  
Required if showInADP = 1 or 2.  
Map of various app attributes

Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

POST *https://services.fiberlink.com/application-apis/winApps/2.0/addWinStoreApp/customer/1007263* Sample Request Value (Part 1)

<appDetails>  
<maas360Hosted>Yes</maas360Hosted> <appSourceURL>https://www.microsoft.com/en-in/store/p/ted/9wzdncrfj07f</appSourceURL> <category>games</category>  
<showInADP>2</showInADP>  
<appOwner>maas360@fiberlink.com</appOwner>  
<appAttributes>

<appAttribute> <attributeName>name</attributeName> <attributeValue>xyz</attributeValue>

</appAttribute> <appAttribute>

<attributeName>Email</attributeName>

<attributeValue>abc@def.com</attributeValue> </appAttribute>

</appAttributes> </appDetails>

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Sample Response (XML)

<actionResponse> <status>Success</status>

<description>Application uploaded successfully.</description> <appId>234567</appId> <appVersion>1.1.23406.0</appVersion>

</actionResponse>  
Mandatory attributes in Response

* -  status
* -  appId   
  Access Control
* -  Customer Properties: ENABLE\_NEW\_APPS, MANAGE\_WINDOWS7\_PHONE
* -  Access Rights: Apps - Manage Apps

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**Delete Windows Dependency**

Request  
DELETE /application-apis/winApps/2.0/deleteWindowsDependency/customer/<billingId>

Definition

❖ Delete Windows Dependency file (appx or appxbundle). Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID

dependencyName dependencyVersion dependencyArchitecture

Required

Required Required Required

Billing ID of the account for which the web- service is being executed  
Dependency name to be deleted Dependency version to be deleted Dependency architecture to be deleted

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
DELETE *https://services.fiberlink.com/application-*

*apis/winApps/2.0/deleteWindowsDependency/customer/1007263*

Sample Response

<actionResponse> <status>Success</status>

<description>Dependency deleted successfully.</description> </actionResponse

Mandatory attributes in Response - status

Access Control

* -  Customer Properties: ENABLE\_NEW\_APPS, MANAGE\_WINDOWS7\_PHONE
* -  Access Rights: Apps - Manage Apps

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**Download Windows Dependency**

Request  
GET /application-apis/winApps/2.0/downloadWindowsDependency/customer/<billingId>

Definition

❖ Download Windows Dependency file (appx or appxbundle). Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID Required

dependencyName Required dependencyVersion Required dependencyArchitecture Required

Sample Request  
GET *https://services.fiberlink.com/application-*

Billing ID of the account for which the web- service is being executed  
Dependency name to be deleted Dependency version to be deleted Dependency architecture to be deleted

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*apis/winApps/2.0/downloadWindowsDependency/customer/1007263*

Response Code

If a dependency is not present: Response code: 200  
Message: DEPENDENCY\_NOT\_PRESENT

Access Control

* -  Customer Properties: ENABLE\_NEW\_APPS, MANAGE\_WINDOWS7\_PHONE
* -  Access Rights: Apps - Manage Apps

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**Get Category List**

Request  
GET /applications-api/applications/2.0/getCategoryList/customer/<billingId>

Definition

❖ Get the list of all the app categories for the given billing ID. Parameters

billingID Required Billing ID of the account for which the web- service is being executed

Sample Request  
POST *https://services.fiberlink.com/application-*

*apis/applications/2.0/getCategoryList/customer/1007263*

Sample Response (JSON)

{  
"categories":

{  
"category":["Administration","Administration Abc","Book","Books","Business","Casual"], "count":6  
}

}

Sample Response (XML)

<categories> <category>Administration</category> <category>Administration Abc</category> <category>Book</category> <category>Books</category> <category>Business</category> <category>Casual</category> <count>6</count>

</categories>

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

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**Mark App as Featured**

Request  
POST /applications-api/applications/2.0/markAppAsFeatured/customer/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Mark the app selected as featured in the catalog. ❖ The request should contain two parts:

Part 1: Name = app\_details; Value = XML file for attributes other than the upgrade file Part 2: Name = featuredImage; Value = Featured image file

o o

Parameters

billingID appType

appId  
secondaryApp  
appFullVersion  
appVersion  
featureSubtext showAppAndFeaturedDescription

featuredBannerStyle

featuredFontColor

groupId Sample Request

Required Required

Required Optional Optional Optional Required Optional

Optional

Billing ID of the account for which the web- service is being executed  
Possible values:  
1: iOS Enterprise Application

3: Android Enterprise Application  
Unique ID of the application being upgraded Default: No  
Required if secondaryApp = Yes  
Required if secondaryApp = Yes  
Accepts string as the feature subtext  
Possible values:  
true  
false (Default)  
Possible values:  
0: Basic  
1: Detailed  
Required if showAppAndFeaturedDescription = true.  
Accepts HTML style hex string.  
For example: #5d5d5d  
Required if showAppAndFeaturedDescription = true.  
If not specified, assumed it as global(-1).

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

|  |
| --- |
| Optional |
| Required |

Image Image Image Image Image Image

*https://services.fiberlink.com/application-apis/applications/2.0/markAppAsFeatured/customer/1007263*

Sample Request Value (Part 1)

<appDetails> <appId>com.cdw.cdw</appId>

<appType>1</appType>  
<secondaryApp>Yes</secondaryApp> <appFullVersion>1.2.3</appFullVersion>  
<appVersion>4.5.6</appVersion>  
<featureSubtext>Sample sub text</featureSubtext> <showAppAndFeaturedDescription>true</showAppAndFeaturedDescription> <featuredBannerStyle>1</featuredBannerStyle> <featuredFontColor>#2d9f4a</featuredFontColor>

</appDetails>

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Sample Response (XML)

<actionResponse> <status>Success</status>

<description>App marked as featured.</description> </actionResponse>

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**Featured App**

Request  
POST /applications/2.0/featuredApp/customer/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Mark the app selected as featured in the catalog. ❖ The request should contain two parts:

Part 1: Name = app\_details; Value = XML file for attributes other than the upgrade file Part 2: Name = featuredImage; Value = Featured image file

o o

Parameters

billingID appType

appId  
secondaryApp  
appFullVersion  
appVersion  
featureSubtext showAppAndFeaturedDescription

featuredBannerStyle

featuredFontColor

Sample Request

Required Required

Required Optional Optional Optional Required Optional

Billing ID of the account for which the web- service is being executed  
Possible values:  
1: iOS Enterprise Application

3: Android Enterprise Application  
Unique ID of the application being upgraded Default: No  
Required if secondaryApp = Yes  
Required if secondaryApp = Yes  
Accepts string as the feature subtext  
Possible values:  
true  
false (Default)  
Possible values:  
0: Basic  
1: Detailed  
Required if showAppAndFeaturedDescription = true.  
Accepts HTML style hex string.  
For example: #5d5d5d  
Required if showAppAndFeaturedDescription = true.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

|  |
| --- |
| Optional |
| Required |

*https://services.fiberlink.com/applications/2.0/featuredApp/customer/1007263*

Sample Request Value (Part 1)

<appDetails> <appId>com.cdw.cdw</appId>

<appType>1</appType>  
<secondaryApp>Yes</secondaryApp> <appFullVersion>1.2.3</appFullVersion>  
<appVersion>4.5.6</appVersion>  
<featureSubtext>Sample sub text</featureSubtext> <showAppAndFeaturedDescription>true</showAppAndFeaturedDescription> <featuredBannerStyle>1</featuredBannerStyle> <featuredFontColor>#2d9f4a</featuredFontColor>

</appDetails>

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Sample Response (XML)

<actionResponse> <status>Success</status>

<description>App marked as featured.</description> </actionResponse>

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**Delete User Review and Update Rating**

Request  
DELETE /applications-api/applications/2.0/deleteReview/customer/<billingId>

Definition

❖ Deletes user review of an app and updates its average. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId Required reviewId Required

Sample Request

Billing ID of the account for which the web- service is being executed  
Review ID of the review to be deleted.

Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/application- apis/applications/2.0/deleteReview/customer/1007263?reviewId=1623*

Sample Response

{  
"actionResponse": {

"description": "Review with reviewId - 1623 has been deleted successfully.",

"status": "Success" }

}  
Possible Error Codes

200 OK  
204 No Content 400 Bad Request 401 Unauthorized

403 Forbidden

404 Not Found  
500 Internal Server Error

502 Bad Gateway  
503 Service Unavailable

Success

The web-service request was invalid. Authentication for the web-service request failed. Invalid credentials.  
Web-service request is requesting a resource that the server does not allow access to. The requested resource is not found.

An internal server error occurred while processing the request.  
MaaS360 Web-service server is not reachable. The server is currently unable to handle the request due to a temporary overloading or maintenance of the server. The implication is that this is a temporary condition which will be alleviated after some delay.

|  |  |
| --- | --- |
| Error Code | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**List Featured Apps and Bundles Info**

Request  
GET applications/2.0/getFeaturedAppsAndBundles/customer/<billingId>

Definition

❖ Lists featured apps and bundles info. Parameters

billingId Required Billing ID of the account for which the web- service is being executed

Sample Request

*https://services.fiberlink.com/application- apis/applications/2.0/getFeaturedAppsAndBundles/customer/1007263*

Sample Response

{  
"featuredElements": {

"count": 2, "featured": [

{  
"appType": "IOS\_ENTERPRISE\_APP",  
"displayBit": 8,  
"elementName": "AppConfig",  
"elementType": "APP",  
"position": 9,  
"showElement": false,  
"appVersion": "1.0",  
"bundleId": "com.fiberlink.AppConfig",  
"bundleVersion": "1.0",  
"featuredImageUrl": "https://iq2services.fiberlink.com/cdn-

content/softwares/10001589/1502279792435/46453134625496\_4\_test\_rescaled/e7b007f648eea4fd364220 e18f1c52233119a840.jpeg",

"featuredName": "zAppConfig" },

{  
"displayBit": 8,  
"elementName": "ZBundle",  
"elementType": "BUNDLE",  
"position": 10,  
"showElement": false,  
"featuredImageUrl": "https://iq2services.fiberlink.com/cdn-

content/softwares/10001589/1502280025723/46686440726446\_7\_test\_rescaled/e7b007f648eea4fd364220 e18f1c52233119a840.jpeg",

"featuredName": "ZB1Text" }

],  
"pageNumber": 1, "pageSize": 4

} }

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|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

Possible Error Codes

200 OK  
204 No Content 400 Bad Request 401 Unauthorized

403 Forbidden

404 Not Found  
500 Internal Server Error

502 Bad Gateway  
503 Service Unavailable

Success

The web-service request was invalid. Authentication for the web-service request failed. Invalid credentials.  
Web-service request is requesting a resource that the server does not allow access to. The requested resource is not found.

An internal server error occurred while processing the request.  
MaaS360 Web-service server is not reachable. The server is currently unable to handle the request due to a temporary overloading or maintenance of the server. The implication is that this is a temporary condition which will be alleviated after some delay.

|  |  |
| --- | --- |
| Error Code | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**List Apps Bundles with their Apps Info**

Request  
GET /application-apis/applications/2.0/getBundlesWithApps/customer/<billingId>

Definition

❖ Lists app bundles with their apps info. Parameters

billingId Required Billing ID of the account for which the web- service is being executed

Sample Request

*https://services.fiberlink.com/application- apis/applications/2.0/getBundlesWithApps/customer/1007263*

Sample Response

{  
"bundleDetails": {

"count": 2, "bundles": [

{  
"description": "ZB2Sub",  
"featuredBannerStyle": 0,  
"featuredImageUrl": "",  
"iconURL": "https://iq2services.fiberlink.com/cdn-

content/softwares/10001589/1502280142904/46803777963306\_8\_test\_rescaled/0406785c196625abebf6b1 494ebe94c38cf367bf.jpeg",

"name": "ZBundle2", "showNmOnFeaturedImage": false, "apps": [

{  
"appVersion": "4.1",  
"bundleId": "com.alligatorapps.aplusspellngtest", "name": "A+ Spelling Test",  
"type": "IOS\_APPSTORE\_APP"

}, {

"appVersion": "5.0.15",  
"bundleId": "com.abcdigital.abc.videoplayer", "bundleVersion": "5.0.15",  
"name": "ABC â€“ Watch Live TV & Stream Full Episodes", "type": "IOS\_APPSTORE\_APP"

} ]

}, {

"description": "zzz",  
"featuredBannerStyle": 0,  
"featuredImageUrl": "https://iq2services.fiberlink.com/cdn-

content/softwares/10001589/1502280025723/46686440726446\_7\_test\_rescaled/e7b007f648eea4fd364220 e18f1c52233119a840.jpeg",

"featuredName": "ZB1Text",  
"featuredTextColor": "#ffffff",  
"iconURL": "https://iq2services.fiberlink.com/cdn-

content/softwares/10001589/1502279976450/46637319323003\_5\_test\_rescaled/0406785c196625abebf6b1 494ebe94c38cf367bf.jpeg",

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|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

"name": "ZBundle", "showNmOnFeaturedImage": true, "apps": [

{  
"appVersion": "9.11.0",  
"bundleId": "com.amazon.Amazon",  
"bundleVersion": "9.11.0",  
"name": "Amazon App: shop, scan, compare, and read reviews", "type": "IOS\_APPSTORE\_APP"

}, {

"bundleId": "com.netflix.mediaclient", "name": "Netflix",  
"type": "ANDROID\_APPSTORE\_APP"

} ]

} ],

"pageNumber": 1,

"pageSize": 2 }

}  
Possible Error Codes

200 OK  
204 No Content 400 Bad Request 401 Unauthorized

403 Forbidden

404 Not Found  
500 Internal Server Error

502 Bad Gateway  
503 Service Unavailable

Success

The web-service request was invalid. Authentication for the web-service request failed. Invalid credentials.  
Web-service request is requesting a resource that the server does not allow access to. The requested resource is not found.

An internal server error occurred while processing the request.  
MaaS360 Web-service server is not reachable. The server is currently unable to handle the request due to a temporary overloading or maintenance of the server. The implication is that this is a temporary condition which will be alleviated after some delay.

|  |  |
| --- | --- |
| Error Code | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**Fetch All the Reviews**

Request  
GET applications/2.0/getAllReviews/customer/<billingId>

Definition

❖ Fetches all the reviews. Parameters

billingId Sample Request

Required

Billing ID of the account for which the web- service is being executed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

*https://services.fiberlink.com/application-apis/applications/2.0/getAllReviews/customer/1007263*

Sample Response

{  
"reviewDetails": {

"count": "1", "pageSize": "50", "pageNumber": "2", "reviews": [

{  
"reviewId": 5674565,  
"rating": 3,  
"lastName": "XYZ",  
"firstName": "ABC",  
"emailId": "joker.muddle@au1.ibm.com", "review": "Nice app and works well... ", "title": "Good One",  
"reviewDate": "01/16/2015 01:19:06"

} ]

} }

Possible Error Codes

200 OK  
204 No Content 400 Bad Request 401 Unauthorized

403 Forbidden

404 Not Found  
500 Internal Server Error

502 Bad Gateway  
503 Service Unavailable

Success

The web-service request was invalid. Authentication for the web-service request failed. Invalid credentials.  
Web-service request is requesting a resource that the server does not allow access to. The requested resource is not found.

An internal server error occurred while processing the request.  
MaaS360 Web-service server is not reachable. The server is currently unable to handle the request due to a temporary overloading or maintenance of the server. The implication is that this is a temporary condition which will be alleviated after some delay.

|  |  |
| --- | --- |
| Error Code | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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**Windows Scripts Upload**

Request

POST /application-apis/winApps/2.0/addWindowsEnterpriseScripts/customer/<billingId>/

**Authorization Header  
Content Type Header:** multipart/form-data

Parameters

billingId

appIcon Form Data

app\_details appSource

Sample Response

Required Required

Billing ID of the account for which the web- service is being executed  
Icon of the app

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

<appDetails>  
<appId>f823712c-d8ea-3c5a-b843-4cfdf6675062</appId> <appSourceURL></appSourceURL>  
<appType>12</appType>  
<appVersion>1.0</appVersion>  
<category>Others</category>  
<description></description> <executionCommandInstall>%APP\_NAME%</executionCommandInstall> <executionCommandUnInstall></executionCommandUnInstall> <installContext>SYSTEM</installContext>  
<installSuccessCriteria>

<fileList/> <processList>

<process>dsasv</process> </processList> <registryList/>

</installSuccessCriteria> <installationMode>SILENT</installationMode> <instantInstall>No</instantInstall> <instantUpdate>No</instantUpdate> <isRestartReq>No</isRestartReq> <maas360Hosted>Yes</maas360Hosted> <maintainAsAdditionalVersion>No</maintainAsAdditionalVersion> <name>s\_test2</name>

<newAppVersion>3.0</newAppVersion> <removeAppOnMDMRemoval>No</removeAppOnMDMRemoval> <removeAppOnSelectiveWipe>No</removeAppOnSelectiveWipe> <removeAppOnStopDistribution>No</removeAppOnStopDistribution> <supportedArchitecture>X64</supportedArchitecture> <userGroupBitTuple>2,0,0,0,0</userGroupBitTuple> <versionReleaseNotes></versionReleaseNotes> <winPkgType>SCRIPTS</winPkgType>

</appDetails>

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**Windows Downloadable Add**

Request

POST /application-apis/winApps/2.0/addWindowsEnterpriseDownloadableFiles/customer/<billingId>/

**Authorization Header  
Content Type Header:** multipart/form-data

Parameters

billingId

Form Data

app\_details appSource

Sample Request

Required

Billing ID of the account for which the web- service is being executed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

<appDetails>  
<appApprovalFlow>false</appApprovalFlow> <appSourceURL></appSourceURL>  
<appVersion>21</appVersion>  
<category></category>  
<description></description>  
<instantInstall>Yes</instantInstall> <isRestartReq>No</isRestartReq> <maas360Hosted>Yes</maas360Hosted>  
<name>fsmls</name> <removeAppOnMDMRemoval>Yes</removeAppOnMDMRemoval> <removeAppOnSelectiveWipe>Yes</removeAppOnSelectiveWipe> <removeAppOnStopDistribution>Yes</removeAppOnStopDistribution> <saveToLocation>C:\</saveToLocation>  
<showInADP>0</showInADP>  
<status>ACTIVE</status> <supportedArchitecture>X64</supportedArchitecture> <userGroupBitTuple>2,0,0,0,0</userGroupBitTuple> <winPkgType>downloadable\_files</winPkgType>

</appDetails>

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**Update App Info (V2)**

Request

POST: /application-apis/2.0/updateAppInfo/customer/<billingId> **Content Type Header:** multipart/form-data

Definition

❖ Update App details such as category, description, and Version release notes. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID appType

Required

Billing ID of the account for which the web-service is being executed  
Possible values:

* 1: iOS Enterprise Application
* 2: iOS App Store Application
* 3: Android Enterprise Application
* 4: Android Market Application
* 5: Windows Phone Company App
* 6: Windows Phone Market App
* 7: Windows Phone Enterprise App
* 8: IOS web clip
* 9: OSX Enterprise App
* 10: Mac Appstore App
* 11: Mac Enterprise App
* 12: Windows Package
* 13: Android Work Private App   
  Unique ID of the application which is being updated Version of app which is being updated  
  App category  
  App Description   
  Optional

Image Image Image Image Image

Required

Image Image Image

appId appVersion newCategory newDescription newVersionNotes

Required Optional Optional Optional Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

**Note**: Any one of the following is required:

* newCategory,
* newDescription
* newVersionNotes   
  Form Data   
  app\_details   
  Sample Request

POST https://services.fiberlink.com/application-apis/applications/2.0/updateAppInfo/customer/1007263 <appDetails>

<appId>com.cdw.cdw</appId>  
<appType>1</appType>  
<appVersion>4.5.6</appVersion> <newCategory>Entertainment</newCategory>  
<newDescription>IBM MaaS360 for Android provides secure access to corporate

resources</newDescription>  
<newVersionNotes>The latest app comes with security and performance

enhancements</newVersionNotes> </appDetails>

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Sample Response

<actionResponse>  
<status>Success</status>  
<description>Application updated successfully. </description> </actionResponse>

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**Application Publication Workflow (for use by App Ecosystem Partners only)**

**Enable App Review Vendor**

Request

POST /application- apis/appApproval/2.0/enableAppPartner/customer/<billingID>/vendor/<vendorOfferingId>

Definition

❖ Enables App review vendor (partners) for a given billing ID. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID vendorOfferingId

Request Headers

Required Required

Billing ID of the account for which the web-service is being executed  
Unique id to represent the vendor offering. Created during vendor on-boarding process.

Image Image Image Image Image Image

Authorization: MaaS token="<Auth Token>"

Sample Request  
GET *https://services.fiberlink.com/application-*

*apis/appApproval/2.0/enableAppReviewPartner/customer/1101234/vendor/pradeo*

Request Header  
Authorization: MaaS token="4c8c3dbb-0c9f-4845-ab09-da80289d41f5-DEInVIg"

Sample Response

<actionResponse>  
<description>Successfully enabled partner</description> <status>Success</status>

</actionResponse> Access Control

* -  Customer Properties: Enable Apps for Approval
* -  Access Rights: Manage Apps   
  HTTP Status Codes

|  |  |  |
| --- | --- | --- |
| HTTP Status code | Success Code | Meaning |
| 200 | 0 | Successfully enabled partner |

|  |  |  |
| --- | --- | --- |
| HTTP Status code | Error Code | Meaning |
| 400 | 5 | Vendor ID is wrong. Try again with correct vendor ID. |

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**Get the List of App Events Pending for Review**

Request

GET /application- apis/appApproval/2.0/getAppsPendingReview/customer/<billingID>/vendor/<vendorOfferingId>?<timesta mp>

Definition

❖ Get all app events pending for review or scan for a specific vendor ID. Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Required / Optional** | **Description** |

billingID vendorOfferingId vendorSharedKey timestamp

Request Headers vendorSharedKey: Required

Required Required Required Optional

Billing ID of the account for which the web-service is being executed  
Unique id to represent the vendor offering. Created during vendor on-boarding process.

Secret shared key shared between vendor and Maas. Created during vendor on-boarding process.  
epoch timestamp value, fetches data greater than the given timestamp parameter.

Image Image Image Image Image Image Image Image Image Image Image Image

Authorization: MaaS token="<Auth Token>"

Response Header lastTimestamp

Sample Request  
GET *https://services.fiberlink.com/application-*

*apis/appApproval/2.0/getAppsPendingReview/customer/1101234/vendor/xyz?timestamp=1512956711278*

Request Headers

vendorSharedKey: 98dce6eb-8b7d-4e9c-bfrb-89d565844ba5  
Authorization: MaaS token="4c8c3dbb-0c9f-4845-ab09-da80289d41f5-DEInVIg"

Sample Response

{  
"appsPendingReview": {  
"appList": {  
"actionKey": "test\_script\_14",  
"guid": "1287ed0e-b6a8-4560-bd45-aa9f502e4aca", "timestamp": 1518604374120  
},  
"count": 1  
}  
}

Response Header

lastTimestamp: 1518604374120

Access Control

* -  Customer Properties: Enable Apps for Approval
* -  Access Rights: Apps-Read only   
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HTTP Status Codes

|  |  |  |
| --- | --- | --- |
| HTTP Status code | Error Code | Meaning |
| 400 | 8 | Vendor offering is not configured in MaaS360. |
| 500 | 4 | Error in retrieving Vendor data. |

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**Get Details of Each App that is Pending for Scan**

Request

GET /application- apis/appApproval/2.0/getAppDetailsForReview/customer/<billingID>/review/<reviewId>

Definition

❖ Get the details of each app that is pending for review or scan. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID Required

reviewId Required Request Header

Authorization: MaaS token="<Auth Token>"

Sample Request

Billing ID of the account for which the web-service is being executed  
Unique id that is assigned to each review step.

Image Image Image Image Image Image

GET https://services.fiberlink.com/application-apis/appApproval/2.0/ getAppDetailsForReview/customer/1101234/review/f298521b-abd8-48eb-b073-aeab9aad1033

Request Header

Authorization: MaaS token="4c8c3dbb-0c9f-4845-ab09-da80289d41f5-DEInVIg"

Sample Response

{  
"appDetailsForReview": {  
"reviewId": "1287ed0e-b6a8-4560-bd45-aa9f502e4aca",  
"appBundleId": "com.mobilemotion.dubsmash",  
"appName": "Dubsmash",  
"category": "Entertainment",  
"platform": "iOS",  
"appVersion": "2.31.1",  
"bundleVersion": "2.31.1",  
"appSize": "",  
"appIconURL": "http://is3.mzstatic.com/image/thumb/Purple128/v4/4d/9e/11/4d9e11df-5d06-2d10- 6038-ca9b0a60bc55/source/512x512bb.jpg",  
"marketAppId": 918820076,  
"region": "US",  
"minimumOSVersion": 9,  
"description": "Make fun lip sync videos with your favorite quotes.",  
"supportedOn": 3,  
"appAttributes": ""

} }

Possible Values for "supportedOn"

• Smartphone  
• Tablet  
• Smartphone, tablet

Access Control

* -  Customer Properties: Enable Apps for Approval
* -  Access Rights: Apps-Read only   
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HTTP Status Codes

|  |  |  |
| --- | --- | --- |
| HTTP Status code | Error Code | Meaning |
| 400 | 7 | Invalid GUID/ReviewId. No matching review found. |

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**Get Binary of the App Pending for Review**

Request  
GET /application-apis/appApproval/2.0/getAppBinaryForReview/customer/<billingID>/review/<reviewId>

Definition

❖ Get all binary of the app pending for scan. It may or may not be required based on the origin of the app, i.e. app store app or private app.

Parameters  
billingID Required

reviewId Required Request Header

Authorization: MaaS token="<Auth Token>"

Response

Input stream of app binary

Response Headers

Billing ID of the account for which the web-service is being executed  
Unique id that is assigned to each review step.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

Content-Disposition: attachment; filename=<file name> checksum<SHA256 checksum>  
fileSize <file size in MB>

Sample Request

GET *https://services.fiberlink.com/application- apis/appApproval/2.0/getAppBinaryForReview/customer/1101234/review/f298521b-abd8-48eb-b073- aeab9aad1033*

Request Header

Authorization: MaaS token="4c8c3dbb-0c9f-4845-ab09-da80289d41f5-DEInVIg"

Response

input stream of app binary

Response Headers

Content-Disposition: attachment; filename="AroundMe 6.2.5.ipa"  
checksum: 35a79e938990d5686ffa45da586a562618fdfa4af928b98d423156b4d6575ca9 fileSize: 7.771MB

Access Control

* -  Customer Properties: Enable Apps for Approval
* -  Access Rights: Apps-Read only HTTP Status Codes   
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|  |  |  |
| --- | --- | --- |
| HTTP Status code | Error Code | Meaning |
| 400 | 7 | Invalid GUID/Reviewid. No matching review found. |
| 400 | 9 | AppType not supported for download. |

**Submit the App and Results of the Scan**

Request

POST /application- apis/appApproval/2.0/submitAppReviewResults/customer/<billingID>/review/<reviewId*>*

Definition

❖ Submit the app and results of scan from your integration to MaaS360 so that it can be displayed for the MaaS360 App Administrator to take actions

Parameters

billingID

reviewId resultJson : result

resultJson : result operationstatus

resultJson : result

resultJson : result isbinaryupdated

resultJson : result key 2, key 3....

Required Required

Billing ID of the account for which the web- service is being executed  
Unique id that is assigned to each review step. Composed of pre-defined keys and custom keys.

Pre-defined keys:  
Operationstatus, errcode, isresultappbinary

Custom keys:  
Any  
Indicates whether the vendor operation was success/failure.

Possible values:  
success, failure  
Indicates the errorcode from vendor in case of operation failure. Use "nil" in case operation was successful.  
App security vendors may use this to indicate that the app has been injected with security wrappers as necessary and resultant file is an app binary that needs to replace original binary.

Possible values: yes, no

App binary will be replaced automatically as soon as App Administrator approves the result of the app.  
Use your own key and values for results such as the following. The key and values will be displayed to the app reviewer in order to approve/reject the app.

HIGH VULNERABILITIES = 3  
RISK RATING = 75%  
RATING = 8.0  
These may be externally available URLs or URLs within vendor portal. URLs will be displayed to the app reviewer inorder from where results can be viewed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

|  |
| --- |
| Mandatory |
| Mandatory |

:

: errcode :

: key 1,

Mandatory

|  |
| --- |
| Mandatory |
| Optional |
| Optional |
| Mandatory if resultJson : result : isresultfileavailable = yes |

resultJson: resultDataURLs: URLs : URL 1, URL 2, URL 3....

resultJson : result : resultfilechecksum

Specify SHA2 checksum of return document containing results of a scan such as .doc, .pdf, .xls, .xml, .htm file.

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|  |
| --- |
| Optional, Mandatory if resultJson : result : isresultfileavailable = yes |
| Mandatory if resultJson : result : isbinaryupdated = yes |
| Optional Mandatory if resultJson : result : isbinaryupdated = yes |

resultFile

resultJson : result : updatedBinaryChecksum

updatedBinaryApp

Request Header

Authorization: MaaS token="<Auth Token>"

POST Data

Part 1: resultJson: Required Content-Type: multipart/form-data

Return document containing results of a scan such as .doc, .pdf, .xls, .xml, .htm file.

Max file size: 2GB

Specify SHA2 checksum of return hardened or wrapped app binary

Return hardened or wrapped app binary. Max file size: 2GB

Part 2: updatedBinaryApp: Optional - POST data can be multi part content that contains the actual result file ‘resultFile’. Result data file can also be the updated app. Only one file resultDataFile can be posted to MaaS360 workflow.  
Content-Type: multipart/form-data

Part 3: resultFile: Optional Content-Type: multipart/form-data

Sample Request

*POST https://services.fiberlink.com/application- apis/appApproval/2.0/submitAppReviewResults/customer/30074548/review/1a3e90d0-8aae-4a20-9e74- 3231d4c7b639*

Request Header

Authorization: MaaS token="4c8c3dbb-0c9f-4845-ab09-da80289d41f5-DEInVIg"

POST Data

Part 1: resultJsonFile: Required  
resultJson: { "result": { "isbinaryupdated": "yes", "isresultfileavailable": "yes", "errorcode": "nil", "operationstatus": "success", resultSummary": {"key1": "value1", "key2": "value2", "key3": "value3" }, "resultDataURLs" : {"key1":"URL1", "key2":"URL2", "key3":"URL3", "key4":"URL4"}, "resultfilechecksum":"resultFileSha2Checksum", "updatedBinaryChecksum": "updateBinaryAppChecksum" } } Content-Type: multipart/form-data

Part 2: updatedBinaryApp: Optional - POST data can be multi part content that contains the actual result file ‘resultFile’. Result data file can also be the updated app. Only one file resultDataFile can be posted to MaaS360 workflow.  
Content-Type: multipart/form-data

Part 3: resultFile: Optional Content-Type: multipart/form-data

Response

Success or Failure with the error message

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Sample XML Response

<?xml version="1.0" encoding="UTF-8" standalone="yes"?> <actionResponse>  
<description>Results uploaded successfully</description> <status>Success</status>

</actionResponse>

Access Control

* -  Customer Properties: Enable Apps for Approval
* -  Access Rights: Manage Apps HTTP Status Codes

|  |  |  |
| --- | --- | --- |
| HTTP Status code | Success Code | Meaning |
| 200 | 0 | Results uploaded successfully. |

|  |  |  |
| --- | --- | --- |
| HTTP Status code | Error Code | Meaning |
| 400 | 1 | Result JSON file is missing. |
| 400 | 3 | Data provided in JSON does not match with number of files uploaded. |
| 400 | 7 | Invalid review. No matching review found. |
| 400 | 10 | Result already published for the given review ID. |
| 500 | 2 | Checksum is not matching with the uploaded file. |
| 500 | 8 | Vendor offering is not configured in MaaS360. |

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**User**

**Search Users**

Request  
GET /user-apis/user/1.0/search/<billingID>

Definition

❖ Search for users by Username, Domain, Full Name, Email Address and Source ❖ Support for partial match for these attributes  
❖ Get results on specified pages of the Result-set

Parameters

domain partialUserName partialFullUserName partialEmailAddress includeAllUsers

source match

pageSize

pageNumber billingID

includeCustomAttributes authType

usersUpdatedAfterInEpochms Sample Request

Optional Optional Optional Optional Optional

Optional

Optional

Optional Required

Optional Optional

Optional

Full domain name string  
Partial or full Username string  
Partial or full “Full UserName” string  
Partial or full Email Address  
Possible values:  
- 0: Include users with devices only (Default)  
- 1: Include all users  
Possible values:  
- 0: Local Directory  
- 1: User Directory  
Possible values:  
- 0: Indicates Partial match for Username, Full Name and Email Address (Default)  
- 1: Indicates Exact match  
Limit number of devices returned at one time.  
Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50.  
Results specific to a particular page. Default is first page  
Billing ID of the account for which the web-service is being executed  
Possible values: 1, 0 (default)  
Possible values:  
- 0: Local Directory  
- 1: User Directory  
Time in Unix epoch milliseconds, returns users updated after this time

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com/user-apis/user/1.0/search/1101234? partialUserName=BBFL&partialFullUsername=ther&partialEmailAddress=therchek@example.com&include AllUsers=0&match=0&pageSize=25&pageNumber=2*

Sample Response

<users>  
<count>1000</count>

<pageSize>50</pageSize> <pageNumber>2</pageNumber> <user>

<userIdentifier>B3A139685EF3719620211A7A99AD0E34</userIdentifier> <userName>abarnes</userName> <emailAddress>abcd@example.com</emailAddress>

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<domain>ExampleDomain</domain> <status>Active</status> <location>Bangalore</location>  
<source>0</source>  
<authType>0</authType>  
<createDate>Sep 10, 2015 6:56:34 PM</createdDate> <updateDate>Sep 12, 2016 3:56:34 AM</updateDate> <groups>

<group>  
<groupId>12345</groupId>

<name>Sales</name>

<groupDN>cn=Sales,DC=Acmecorp,DC=com<groupDN>##This has value only for User Directory Groups

<group>

... </groups>

<passwordExpiryDate>Feb 16, 2020 2:21:40 PM</passwordExpiryDate> <userCustomAttributes>

<customAttribute> <customAttributeName>home</customAttributeName> <customAttributeValue>msn.com</customAttributeValue>

<customAttribute> </userCustomAttributes>

</user> <user> ... </user>

</users>  
Mandatory Attributes in Response

* -  userIdentifier
* -  userName
* -  domain
* -  emailAddress
* -  source
* -  status
* -  createDate
* -  updateDate   
  Access Control
* -  Customer Properties: Enable User Management workflows and Enable Web-Services
* -  Access Rights: Users - Read Only

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**Add Local User Account**

Request  
POST /user-apis/user/1.0/addUser/customer/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Add a Local user in MaaS360  
❖ Support addition of Local accounts for customers with User Directory integration as well as MaaS360

Local Account

Parameters

customer

fullname  
userName  
domain  
email phoneNumberCountry phoneNumber location emailSetPwdLink

managedAppleId

authType  
For more information, see “How authType parameter works in addUser API” section.

Required

Optional Required Required Required Optional Optional Optional

Billing ID of the account for which the web-service is being executed

Sends an email link to set a password.  
Possible values: Yes or No (Default).  
Note: Supported only if the Auto-generate option is enabled in the User Password settings for the customer.  
The Managed Apple ID created through Apple Business Manager.  
Optional for local user  
Mandatory for User directory users.  
Change authentication type  
Local (MaaS360) = 1  
Corporate (AD) = 0  
Corporate (Azure AD) = 2  
Corporate (SAML) = 3: Supported when the Unified Sign In customer property is turned on for the customer.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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|  |
| --- |
| Optional |
| Optional/Required |
| Optional |

How authType parameter works in addUser API

❖ When Unified Sign In customer property is turned on

* -  The authType that you want to pass in the request must be preconfigured.
* -  If you pass an authType in the request without preconfiguring it, an invalid response is returned.
* -  If you do not pass an authType in the request, the user is created with the default user auth   
  type.
* -  If you preconfigure an authType and pass the authType in the request, that authType is given

precedence over the default user auth type.

0 (Corporate AD)

400 Invalid request – User is not created.  
Note: The authType passed in this request is not

authType passed in request

Is the passed authType configured?

Default user auth type

Response

Image

No

Azure AD

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|  |  |
| --- | --- |
| Yes | Azure AD |
| Yes | Azure AD |
| No | Azure AD |
| Not Applicable | Azure AD |

1 (Local)

2 (Azure AD)

3 (SAML)

No

❖ When Unified Sign In customer property is turned off

preconfigured. Hence, an invalid response is returned. 200 - User is created with Local auth type.

Note: The authType passed in this request is preconfigured, hence the authType passed in the request is given precedence over the default user auth type.

200 – User is created with Azure AD auth type.  
Note: The authType passed in this request is preconfigured, hence the authType passed in the request is given precedence over the default user auth type.

400 Invalid request – User is not created.  
Note: The authType passed in this request is not preconfigured. Hence, an invalid response is returned. 200 – User is created with Azure AD auth type.

Note: If you do not pass an authType in the request, the user is created with the default user auth type.

- - - -

-

No

You cannot configure default user auth type.  
The authType that you want to pass in the request must be preconfigured.  
If you pass an authType in the request without configuring it, an invalid response is returned. If you do not pass an auth type in the request, the user is created with Local (MaaS360) auth type.  
If you preconfigure an authType and pass the authType in the request, that authType is given precedence over Local (MaaS360) auth type.

200 - User is created with Local (MaaS360) auth type. Note: If you do not pass an authType in the request, the user is created with the Local (MaaS360) auth type.

400 invalid request - User is not created.  
Note: The authType passed in this request is not configured. Hence, an invalid response is returned.

200 – User is created with Azure AD auth type.  
Note: The auth type passed in this request is configured.

authType passed in request

Is the passed authType configured?

Default user auth type

Response

Image

Not Applicable

Not Applicable

Image Image Image

No

Not Applicable

Image Image Image

Yes

Not Applicable

Image Image

3 (SAML)

2 (Azure AD)

Image Image

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Hence user is created with Azure AD auth type.

Image Image Image Image Image Image Image Image

Sample Request

POST *https://services.fiberlink.com/user- apis/user/1.0/addUser/customer/1007463?userName=abc&domain=example.com&email=abc@example.co m*

Sample Response

<response>  
<status>1</status> ## 0:success; 1:error <userIdentifier>4D0E6C29440C9FD0DF22D24E97741B3B</userIdentifier>

</response>  
Mandatory attributes in Response

- status Access Control

* -  Customer Properties: Enable User View for Customer
* -  Access Rights:

o Manage Users  
o Device View – Read-only o Manage Cloud Extenders

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**Edit a Local User Account**

Request  
PUT /user-apis/user/1.0/editUser/customer/<billingID>/user/<user\_identifier>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Edit a Local user in MaaS360. This is for customers with User Directory integration as well as MaaS360 Local Account
* ❖  Following parameters can be edited: Full Name, Domain, Email Address, Phone Number Country, Phone Number and Location
* ❖  Note: User Directory User accounts cannot be edited. An error should be returned if a User Directory account is edited

Parameters

customer user\_identifier

fullName  
domain  
email phoneNumberCountry phoneNumber location managedAppleId

authType

Required Required

Optional Optional Optional Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
MaaS360 User ID for the user account which needs to be edited

The Managed Apple ID created through Apple Business Manager.  
Optional for local user  
Mandatory for User directory users.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional/Required

Optional

Change authentication type  
Local = 1  
Corporate (AD) = 0  
Corporate (Azure AD) = 2  
Corporate (SAML) = 3: Supported when the unified sign in the customer property is turned on for the customer .

Sample Request  
PUT *https://services.fiberlink.com/user-apis/user/1.0/editUser/customer/1007463/user/*

*5D74F9BF45C98E1CFCD241D093D73383*

Sample Response

<response>  
<status>Success</status> ## In case of any failure in action, this is set to Failed and description

has failure reasons.  
<description>User account updated successfully.</description>

</response>  
Mandatory attributes in Response

- status Access Control

- Customer Properties: Enable User View for Customer

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- Access Rights: User View - Edit

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**Modify Users**

Request  
POST /group-apis/group/1.0/users/customer/<billingId>/group/<groupIdentifier>

Definition

❖ Add or remove multiple users to a Group  
❖ On successful execution of the web-service there will be no response. An error will be returned if

there are failures

Parameters

groupIdentifier BillingID

Required Required

ID of the Group which needs to be modified  
Billing ID of the account for which the web-service is being executed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/group-apis/group/1.0/users/customer/1007463/group/12345*

Request Body (as json)

{  
"addedUsers": "user identifier1, user identifier2",

"removedUsers": ""user identifier3, user identifier4" }

Sample Response

For invalid request <response>

<description>One or more user identifiers provided in the request are invalid.</description >

<responseCode>2<responseCode> </response>

<response>  
<description>The group identifier provided in the request is invalid.</description > <responseCode>1<responseCode>

</response> <response>

<description>One or more user identifiers provided in the request are inactive.</description > <responseCode>4<responseCode>

</response>

For forbidden request <response>

<description>The admin doesn't have sufficient privileges to modify one or more of the specified users.</description >  
<responseCode>3<responseCode>

</response>

Access Control

* -  Customer Properties: Enable Web-Services
* -  Access Rights: User View - Edit   
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**Add Groups to Local User Account**

Request  
PUT /user-apis/user/1.0/addGroups/customer/<billingID>/user/<user\_identifier>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Add a Local or User Directory Group to a Local user account Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

customer user\_identifier groupIds

Sample Request

Required Required Required

Billing ID of the account for which the web-service is being executed  
User Identifier of the user for whom we are adding groups

Comma separated list of multiple Group IDs to be added

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PUT *https://services.fiberlink.com/user- apis/user/1.0/addGroups/customer/20025440/user/0A246C3253D0F797E28C81DB5C269707?groupIds=3055 733*

To retrieve the groupId, use the following API:

*/group-apis/group/1.0/groups/customer/<billing\_id>*

Sample Response

<response>  
<status>1</status> ## 1:success; 0:error  
<description>Description, in case of success/error</description > <userIdentifier>99950C69056BF0971FCA5807F752C53</userIdentifier>

</response>  
Mandatory attributes in Response

* -  status
* -  userIdentifier   
  Access Control
* -  Customer Properties: Enable User View for Customer
* -  Access Rights: User View - Edit

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**Remove Groups from Local User Account**

Request  
DELETE /user-apis/user/1.0/removeGroups/customer/<billingID>/user/<user\_identifier>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Remove Local or User Directory Group from a Local user account Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

customer user\_identifier groupIds

Required Required Required

Billing ID of the account for which the web-service is being executed  
User Identifier of the user for which we are deleting groups

Comma separated list of multiple Group IDs to be added

Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
DELETE *https://services.fiberlink.com/user-apis/user/1.0/removeGroups/customer/1007463/*user/12345

Sample Response

<response>  
<status>1</status> ## 1:success; 0:error  
<description>Description, in case of success/error</description > <userIdentifier>99950C69056BF0971FCA5807F752C53</userIdentifier>

</response>  
Mandatory attributes in Response

* -  status
* -  userIdentifier   
  Access Control
* -  Customer Properties: Enable User View for Customer
* -  Access Rights: User View - Edit

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**Get AD Groups**

Request  
GET /user-apis/user/1.0/getADGroups/<billingID>

Definition

❖ Returns all the AD Groups applicable for the user Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID userName

Required Required

Billing ID of the account for which the web-service is being executed  
Username for which AD Groups information needs to be retrieved

Image Image Image Image Image Image

Sample Request  
GET *https://services.fiberlink.com/user-apis/user/1.0/getADGroups/1101234?userName=user1*

Sample Response

<adGroups> <adGroup>Administrators</adGroup> <adGroup>Help Desk</adGroup>  
....

</adGroups>  
Mandatory attributes in Response

- adGroup Access Control

* -  Customer Properties: Enable User View for Customer
* -  Access Rights: Device View - View Only

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**Change Persona Policy**

Request  
POST /user-apis/user/1.0/billingID/<billingID>/user/<user>/changePolicy

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Assigns a Persona policy for the user  
❖ This can be for a MaaS360 Local Account or User Directory account.  
❖ Note: Assignments to User Groups will take precedence over individual user policy assignment.

Parameters

billingID user

personaPolicy domain

Sample Request

Required Required Required

Billing ID of the account for which the web-service is being executed.  
Needs to be specified only in URL  
Username for which Persona policy needs to be changed

Needs to be specified only in URL  
Name of the Persona policy assigned  
Domain of the user. For example, “example.com”

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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Optional; Required if user isn’t unique

Image Image Image

POST *https://services.fiberlink.com/user- apis/user/1.0/billingID/1101234/user/jsmith/changePolicy?personaPolicy=marketing&domain=example.c om*

Sample Response

<response>  
<status>Success</status> ##In case of any failure, this is set to Failed & description has details of

the error  
<description>Description comes here</description>

</response>  
Mandatory attributes in Response

- status Access Control

* -  Customer Properties: Enable User Management (Beta)
* -  Access Rights: Manage Users

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**Set Custom Attribute Value for a User**

Request  
POST /user-apis/user/1.0/setCustomAttributes/<billingID>/

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Sets the value for a specified custom attribute for a user record Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingID

userName domain attributeName

attributeDistinguisedName attributeValue

Sample Request

Required

Required Required Required

Required Required

Billing ID of the account for which the web- service is being executed

Name of the custom attribute for which value is to be set  
Distinguished name of the custom attribute for which value is to be set

Value to be set for the attribute

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

POST *https://services.fiberlink.com/user-apis/user/1.0/setCustomAttributes/1101234 ?userName=johndoe&domain=example.com&attributeName=test&attributeDistinguisedName=TEST&attri buteValue=test/*

Sample Response

<actionResponse> <result>Success</result>

<description>Description, in case of success/error</description> </actionResponse>

Mandatory attributes in Response - result

Access Control

* -  Customer Properties: Enable User Management (Beta)
* -  Access Rights: Manage Users

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**Update User Certificate**

Request  
POST /user-apis/user/1.0/updateUserCert/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Deliver a new User Certificate to all enrolled devices of the user Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Required / Optional | Parameter Type (Path/Query/Form) | Description |

billingID

userName domain

Required Path

Required Query Required Query

Billing ID of the account for which the web-service is being executed

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/user-*

*apis/user/1.0/updateUserCert/1001234?userName=user01&domain=forest02.acmecorp.local*

Sample Response

<actionResponse>  
<actionStatus>1</actionStatus> ## 0:success; 1:error <description>Description, in case of success/error</description >

</actionResponse>  
Mandatory attributes in Response

- actionStatus Access Control

* -  Customer Properties: Enable User Management (Beta)
* -  Access Rights: Manage Users

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**Get User Custom Attributes**

Request  
GET /user-apis/user/1.0/userAttributes/<billingID>

Definition

❖ Returns all user custom attributes defined for the account Parameters

billingID Required Billing ID of the account for which the web-service is being executed

Sample Request  
GET *https://services.fiberlink.com/user-apis/user/1.0/userAttributes/1101234*

Sample Response

<userAttributes> <userAttribute>

<displayName>SecureAttribute</displayName> <distinguishedName>SECUREA TTRIBUTE</distinguishedName> <path>securefield1</path>

</userAttribute> <userAttribute>

<displayName>TextAttribute</displayName> <distinguishedName>TEXTATTRIBUTE</distinguishedName> <path>string1</path>

</userAttribute> </userAttributes>

Access Control

* -  Customer Properties: Enable User Custom Attributes
* -  Access Rights: View Custom Attributes

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

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**Delete User**

Request  
DELETE /user-apis/user/2.0/users/customer/<billingId>/user/<userIdentifier>

Definition

❖ Queue user for deletion. Parameters

billingId

userIdentifier Access Control

Required Required

Billing ID of the account for which the web-service is being executed  
User identifier for user deletion.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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* -  Customer Properties: ENABLE\_WEB\_SERVICES
* -  Access Rights: User Views - Add User and Device   
  HTTP Status Codes

|  |  |  |  |
| --- | --- | --- | --- |
| HTTP Status code | Scenario | Error code | Meaning |
| 202 | User successfully queued for deletion. | 0 | User has been queued for permanent deletion. |
| 500 | Internal server error | 1 | User could not be queued for permanent deletion. Please try again later or contact support if problem persists. |
| 400 | userIdentifier is null/empty/invalid | 2 | Invalid user identifier. |
| 403 | Admin does not have access to given user | 3 | Admin does not have access to given user. |
| 400 | Education user | 4 | This user is being managed via Apple School Manager and cannot be manually deleted. |
| 400 | User has/had CE device | 5 | User cannot be deleted. User has or had Cloud Extender devices mapped to his/her name. |
| 400 | User has active device or apps/doc distribution | 6 | The user cannot be deleted because this user has active devices or a distribution of an app or doc has been made specifically to a device belonging to the user. Mark the devices as inactive or remove the individual device distribution and try again. |

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**Delete User Status**

Request  
GET /user-apis/user/2.0/deleteUserStatus/customer/<billingId>/user/<userIdentifier>

Definition

❖ Know the status of the user that was in the queue deletion. Parameters

billingId Required Billing ID of the account for which the web-service is being executed

userIdentifier Required User identifier for user deletion. Access Control

* -  Customer Properties: ENABLE\_WEB\_SERVICES
* -  Access Rights: User Views - Add User and Device   
  HTTP Status Codes

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image

|  |  |  |  |
| --- | --- | --- | --- |
| HTTP Status code | Scenario | Error code | Meaning |
| 200 | User is in queue | 0 | User has been queued for permanent deletion. |
| 200 | User is in queue | 1 | User deletion is started. |
| 200 | User is in queue | 2 | Device deletion is started. |
| 200 | User is in queue | 3 | User deletion is in progress. |
| 200 | User deletion failed | 4 | User deletion failed. |
| 200 | User deletion completed | 5 | User deleted successfully. |
| 400 | userIdentifier is Invalid | 6 | Empty User Identifier. |
| 403 | Admin does not have access to given user | 7 | Admin does not have access to given user. |
| 400 | User Does not Exist / Deleted | 8 | Provided user does not exist. If user identifier is correct, then user is deleted. |
| 500 | userIdentifier is empty |  |  |

* If user is deleted, we cannot find user identifier and user id relation. If the user is deleted, we will see that the user does not exist.
* In scenarios, where the user is deleted successfully, we cannot find the user or the mapping of the user identifier and user id.

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**Administrator**

**Create Administrator**

Request  
POST /account-provisioning/administrator/1.0/createAdministrator/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Creates a new Administrator account using the specified role  
❖ Password is auto-generated by MaaS360 and emailed to the specific administrator email address ❖ The Administrator maybe prompted to change the temporary password or setup their profile  
❖ This API is available both for Customer and Partner administrator account.

Parameters

customerBillingID

adminUsername adminEmailAddress roles

firstName  
lastName countryCodePhoneNumber

phoneNumber requestPassword

forceResetTempPassword

allowPortalLogin

Sample Request

Required

Required Required Required

Optional Optional Optional

Optional Optional

Billing ID of the account for which the web-service is being executed  
Username of the Administrator account to be created Email Address of the Administrator account

Comma separated list of role(s) of the Administrator account  
First Name of the Administrator  
Last Name of the Administrator

Country Code for the Phone Number of the Administrator  
Phone Number of the Administrator Possible Options:

1 – Show password  
0 (Default) – Don't show  
Possible Options:  
0 (Default) – User does not need to change the password on first time login  
1 – User is forced to change the password on first time login  
Possible Options:  
0 – Admin account cannot be used to log into portal. This is for webservice only  
1 – Admin account can be used for both portal login & webservice (Default)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

|  |
| --- |
| Optional |
| Optional |

POST *https://services.fiberlink.com/account- provisioning/administrator/1.0/createAdministrator/1101234?customerBillingID=1101234&adminUsernam e=abc&adminEmailAddress=abc@example.com&roles=Help Desk*

Sample Response

<administrator> <adminUsername>admin\_acmecorp</adminUsername> <customerBillingId>1009001</customerBillingId> <errorCode>ERROR\_1001</errorCode> <errorMessage>Username already exists</errorMessage> <status>0</status> ##0:Failure, 1: Success

</administrator>

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Mandatory attributes in Response

* -  customerBillingId
* -  adminUsername
* -  status   
  Access Control
* -  Customer Properties: -
* -  Access Rights: Manage Administrators

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**Check Administrator Account Availability**

Request  
GET /account-provisioning/account/1.0/ checkAdminAccountAvailability/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Check if the administrator username is available before creating an administrator account for a customer or partner account
* ❖  The Billing ID specified in the request and credentials specified for authentication should be for a Partner account.
* ❖  Return Access Denied error if webservice is executed for a customer Account
* ❖  This account name is globally validated across all partners and customers accounts.   
  Parameters   
  adminUsername Required Administrator Username Sample Request   
  POST *https://services.fiberlink.com/account-provisioning/account/1.0/ checkAdminAccountAvailability/1101234?adminUsername=2001234\_admin*   
  Sample Response   
  <administrator>  
  <adminUsername>2001234\_admin</adminUsername> <errorCode>ERROR\_1001</errorCode>  
  <errorMessage>Username already exists</errorMessage>  
  <available>0</available>## 1- Yes (User name is available for addition), 0- No (Username is   
  already taken) </administrator>   
  Mandatory attributes in Response
  + -  available
  + -  adminUsername   
    Access Control
  + -  Customer Properties: Enable Webservice
  + -  Access Rights: All rights related to Onboarding

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image

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**Deactivate Administrator**

Request  
POST /account-provisioning/administrator/1.0/deactivateAdminbyEmailAddress/<loggedInbillingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Activate or deactivate a portal administrator. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

loggedInbillingId custbillingId email

Authorization

Sample Response (Status 200)

{  
"loggedInbillingId": "string", "custbillingId": "string", "adminUsername": "string", "email": "string", "tostatus": "string",  
"error": "string", "errorCode": "string", "status": "string"

}  
Access Control

Required Required Required

Required

Billing ID of the logged in user  
Billing ID of the customer  
Email address of the Administrator account to be activated/deactivated  
Authorization token

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* -  Customer Properties: -
* -  Access Rights: Manage Administrators

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**267**

**Account**

**Provision New Customer Account**

Request  
POST /account-provisioning/account/1.0/createCustomerAccount/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Create customer account for Partner and configure all account setup information. For the primary administrator account created, change temporary password and set profile steps are skipped. Also, the administrator is assigned all roles copied from Parent account.
* ❖  The Billing ID specified in the request and credentials specified for authentication should be for a Partner account.
* ❖  Billing ID specified as a parameter is the Parent of the customer account and will be to be a part of partner hierarchy (directly or indirectly) of the account whose credentials is specified for authentication
* ❖  Return Access Denied error if webservice is executed for a customer Account Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

accountType accountName service

adminEmailAddress country externalAccountID password defaultLanguage

Required

Required Required Optional

Required Optional Optional Optional

Billing ID of the Partner account for which the customer account should be created  
Possible values: Trial (Default), Customer  
Display name for the Account

Possible values: MDM, SPS, MAM. If no value is specified, MDM is assumed  
Email Address of the primary administrator for the account

Country name or country code where the customer account is located. For example: India or IN  
ID used by partner to identify partner’s customer. Limit 255 characters.  
If specified, this will be set for the Administrator account. Else, an autogenerated password will be set Default Language set for the account. Default = English

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Optional

* en or English
* de or Deutsch
* es or Spanish
* fr or French
* it or Italiano
* ja or Japanese
* zh-TW or Chinese Taiwan
* zh-CN or Simplified Chinese
* ko or Korean
* pt or Portuguese
* nl or Dutch
* ru or Russian
* cs or Czech
* pl or Polish
* no or Norwegian   
  These input values are case sensitive.

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**268**

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

forceAdminAcceptEULA sendWelcomeEmail allowPortalLogin

committedLicenses customerVertical

Sample Request

Optional Optional

Optional

Account Name for the account to be provisioned. Default = No  
Whether to send Welcome Email from MaaS360 or not. Default = Yes

Possible Options:  
0 – Admin account cannot be used to log into portal. This is for webservice only  
1 – Admin account can be used for both portal login & webservice (Default)  
Ignored if Account Type = Trial  
Customer Vertical for which the account information is provided. Possible values:

* *CONSUMER*
* *EDUCA TION*
* *FINANCIAL\_SERVICES*
* *HEALTHCARE*
* *MANUFACTURING*
* *PUBLIC\_SECTOR*
* *PROFESSIONAL\_SERVICES*
* *OTHERS*

|  |
| --- |
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Optional

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Optional

|  |
| --- |
| Image Image Image |

POST *https://services.fiberlink.com/account-provisioning /account/1.0/createCustomerAccount/1101234?accountType=Customer&accountName=Demo Customer1&adminEmailAddres=abc@example.com*

Sample Response

<account> <billingId>1101234</billingId>

<accountName>Demo Customer1</accountName> <partnerBillingId>2001234</partnerBillingId> <adminUserName>2001234\_admin</adminUserName> <adminPassword>a1b2c3d4</adminPassword> ## Only when autogenerated <loginUrl>https://portal.fiberlink.com/</loginUrl>

</account>  
Mandatory attributes in Response

* -  billingId
* -  accountName
* -  partnerBillingId
* -  adminUserName
* -  loginURL   
  Access Control
* -  Customer Properties: Enable Provision New Customer
* -  Access Rights: Onboard Customer, Account Actions Control

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**Check Account Name Availability**

Request  
POST /account-provisioning/account/1.0/checkAccountNameAvailability/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Check if Account name is available before creating an account for a customer under the Partner hierarchy
* ❖  The Billing ID specified in the request and credentials specified for authentication should be for a Partner account.
* ❖  Return Access Denied error if webservice is executed for a customer Account
* ❖  This account name is globally validated across all partner and customer accounts in MaaS360.   
  Parameters   
  accountName Required Account Name Sample Request   
  POST *https://services.fiberlink.com/account- provisioning/account/1.0/checkAccountNameAvailability/1101234?accountName=ExampleCo*   
  Sample Response   
  <account>  
  <accountName>ExampleCo</accountName>  
  <available>0</available>## 1- Yes (Accout name is available for addition), 0- No (Account Name   
  is already taken) <errorCode>1001</errorCode>   
  <errorMessage>Exception ...</errorMessage> </account>   
  Mandatory attributes in Response
  + -  available
  + -  accountName Access Control
  + -  Customer Properties: Enable Provision New Customer & Enable Provision New Partner
  + -  Access Rights: Onboard Customer, Onboard Partner, Account Actions Control

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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**Convert Trial into Customer Account**

Request  
POST /account-provisioning/account/1.0/convertToCustomer/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Convert a trial account into customer account.
* ❖  Applies only for trial accounts
* ❖  Credentials specified for authentication should be for a Partner account.
* ❖  Return Access Denied error if webservice is executed for a customer Account
* ❖  Trial account Billing ID specified should be in the partner hierarchy (directly or indirectly) of the account whose credentials is specified for authentication

Parameters

customerBillingId Required

committedLicenses Optional Sample Request

Billing ID of the trial account which needs to be converted into customer account  
This is integer field and will be null by default

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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POST *https://services.fiberlink.com/account- provisioning/account/1.0/convertToCustomer/1101234?customerBillingId=1101237*

Sample Response

<account> <billingId>1101237</billingId>

<status>0</status> ## 1:success; 0:error <errorCode>1001</errorCode> <errorMessage>Exception ...</errorMessage>

</account>  
Mandatory attributes in Response

* -  billingId
* -  status   
  Access Control
* -  Customer Properties: Enable Provision New Customer
* -  Access Rights: Convert Customer, Account Actions Control

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**Expire an Account**

Request  
POST /account-provisioning/account/1.0/expireAccount/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Expires an existing trial account or active customer account. Sets the status of account to “expired”.
* ❖  Only active customer account or a trial account can be expired. Partner account cannot be expired.
* ❖  Credentials specified for authentication should be for a Partner account.
* ❖  Return Access Denied error if webservice is executed for a customer Account
* ❖  Customer account Billing ID specified should be in the partner hierarchy (directly or indirectly) of the account whose credentials is specified for authentication   
  Parameters   
  customerBillingId Required Billing ID of customer or trial account to be expired. Sample Request   
  POST *https://services.fiberlink.com/account- provisioning/account/1.0/expireAccount/1101234?customerBillingId=1101235*   
  Sample Response   
  <account> <billingId>1101234</billingId>   
  <status>0</status> ## 1:success; 0:error <errorCode>1001</errorCode> <errorMessage>Exception ...</errorMessage>   
  </account>  
  Mandatory attributes in Response
  + -  billingId
  + -  status   
    Access Control
  + -  Customer Properties: Enable Provision New Customer
  + -  Access Rights: Expire Customer, Account Actions Control

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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**Extend Trial Account**

Request  
POST */account-provisioning/account/1.0/extendAccount/<billingId>*

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Support for extending a trial account or an expired account.
* ❖  Only trial and expired accounts can be specified.
* ❖  Credentials specified for authentication should be for a Partner account.
* ❖  Return Access Denied error if webservice is executed for a customer Account
* ❖  Customer account Billing ID specified is in the partner hierarchy (directly or indirectly) of the account whose credentials is specified for authentication

Parameters

customerBillingId Required days

Sample Request  
POST *https://services.fiberlink.com/account-*

Billing ID of trial account for which trial period is to be extended.

* This is integer field and would indicate number of days trial gets extended by. This is additive to existing period.
* Possible values: Any positive value less than 90 days.
* Default behavior would be to extend by partner account default trial period.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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Optional

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*provisioning/account/1.0/extendAccount/1101234?customerBillingId=1101235*

Sample Response

<account> <billingId>1101234</billingId>

<status>0</status> ## 1:success; 0:error <errorCode>1001</errorCode> <errorMessage>Exception ...</errorMessage>

</account>  
Mandatory attributes in Response

* -  billingId
* -  status   
  Access Control
* -  Customer Properties: Enable Provision New Customer
* -  Access Rights: Extend Trials, Account Actions Control

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**Get Customer Accounts**

Request  
POST /account-provisioning/account/1.0/searchCustomers/<partnerBillingId>

Definition

❖ Returns all customer and partner accounts directly under a Partner Billing account. Note: Only customer accounts directly under this account is listed

❖ **This API is available only for Partner administrator account.**❖ Return Access Denied error if web-service is executed for a customer Account ❖ Results are sorted by descending order of “Created On”

Parameters partnerBillingId

childPartnerBillingID

partialAccountName externalAccountID

accountStatus

pageSize

pageNumber Sample Request

Required

Optional Optional

Optional Optional

Billing ID of a partner for which the customer account list is to be retrieved.  
Billing ID of the child partner (for which this api should be executed) under the Parent Partner (partnerBillingId).

If this param is not provided, partnerBillingId will be considered for executing this api.  
Partial (Starts with) or full Customer Account Name string to be searched for

Account ID for the customer in Partner’s Billing system. Used for mapping accounts from Partner’s system to MaaS360.  
Possible values:

* -  Trial
* -  Customer
* -  Expired   
  By default, all accounts are returned  
  Limit number of devices returned at one time.   
  Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50  
  Results specific to a particular page. Default is first page

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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Optional

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Optional

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POST *https://services.fiberlink.com/account- provisioning/account/1.0/searchCustomers/1101234?accountStatus=Trial*

Sample Response

<accounts>

<count>924</count> <pageSize>50</pageSize> <pageNumber>2</pageNumber> <account>

<billingID>1101234</billingID>

<accountType>PARTNER</accountType> ## or CUSTOMER

<customerName>Example Corp</customerName> <accountStatus>Trial</accountStatus> ## Trial, Customer, Expired <creationBy>Registration Process<creationBy> <creationDate>10/10/2016<creationDate>

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<trialDuration>60</trialDuration> ## of days for trial accounts, null in case of customers

<trialExpiryDate>08/06/2017</trialExpiryDate> ## date when this account expires in case of trial, null in case of customer

<customerConversionDate>2016-10-03T00:00:00Z</customerConversionDate> ## date when this account got converted to a customer account, in case of customer; null, otherwise <committedLicenseCount>100</committedLicenseCount> ## -1 for null & otherwise

integer value <service>MDM</service>

<primaryAdminEmail>admin@example.com</primaryAdminEmail> <defaultLanguage>English</defaultLanguage> <externalAccountID>A1B2C3</externalAccountID> <corporateId>ExampleCo</corporateId>

</account> </accounts>

Access Control

* -  Customer Properties: Enable Provision New Customer
* -  Access Rights: Onboard Partners

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**Get Customer Account Configuration**

Request  
POST /account-provisioning/account/1.0/getCustomerConfig/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Return account details for an existing customer or trial account  
❖ This API is available both for Customer and Partner administrator account. ❖ Return Access Denied error if webservice is executed for a customer Account

Parameters

customerBillingId Required Billing ID of customer for which the account information is to be retrieved.

Sample Request  
POST *https://services.fiberlink.com/account-*

*provisioning/account/1.0/getCustomerConfig/1101234?customerBillingId=1101235*

Sample Response

<account>  
<billingId>1101234</billingId>  
<country>India</country>  
<customerName>Example Corp</customerName>  
<accountStatus>Trial</accountStatus> ## Trial, Customer, Expired <committedLicenseCount>100</committedLicenseCount> ## -1 for null & otherwise integer value <trialDuration>60</trialDuration> ## of days for trial accounts, null in case of customers <trialExpiryDate>10/12/2016</trialExpiryDate> ## date when this account expires in case of

trial, null in case of customer  
<primaryAdminEmail>admin@example.com</primaryAdminEmail> <primaryAdmin>jsmith</primaryAdmin>  
<defaultLanguage>English</defaultLanguage> <externalAccountID>naus100101extid</externalAccountID> <creationDate>10/13/2016<creationDate>  
<adminEULASetting>0</adminEULASetting> ## One of the four possible values (0-Don’t prompt,

1-Force only the first login to accept EULA, 2-Force all admins to accept EULA on first time login, 3-Force all admins to accept changes to EULA)

<endUserReacceptEULAEnabled>Yes/No</endUserReacceptEULAEnabled> #1-Yes, 0 -No <endUserReacceptEULAReminderDuration>7</endUserReacceptEULAReminderDuration> #days <endUserReacceptEULADelayAfterReminder>7</endUserReacceptEULADelayAfterReminder>

#days  
<endUserReacceptEULAAction>0</endUserReacceptEULAAction> ## one of three actions (0- Do

nothing, 1- Selectively Wipe, 2- Remove Control, 3 – Alert User) <allocatedSpace>50</allocatedSpace> ## Space in MBs <usedSpace>10.56</usedSpace> ##Space in MBs <errorCode>1001</errorCode> <errorMessage>Exception details</errorMessage>

</account>  
Mandatory attributes in Response

* -  billingId
* -  accountStatus   
  Access Control

- Customer Properties: Enable Provision New Customer

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|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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- Access Rights: Onboard Customers

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**Set Customer Account Configuration**

Request  
POST /account-provisioning/account/1.0/setCustomerConfig/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Configure customer account settings  
❖ Credentials specified for authentication should be for a Partner account.  
❖ Return Access Denied error if webservice is executed for a customer Account

Parameters

customerBillingId externalAccountID committedLicenseCount adminEULASettings

endUserReacceptEULAEnabl ed

endUserReacceptEULARemi nderDuration

endUserReacceptEULADelay AfterReminder

endUserReacceptEULAActio n

country allocatedSpace

Required Optional Required

Billing ID of customer for which the account information is provided  
ID of a partner’s customer, unique only in the partner’s scope

Committed number of licenses for this customer id  
One of the following 4 values  
0-Don’t prompt

1-Force only the first login to accept EULA 2-Force all admins to accept EULA on first time login  
3-Force all admins to accept changes to EULA

* This customer account has enforced end users to re-accept EULA when the applicable EULA changes
* Possible values (Yes/No)
* This field indicates the duration after which end user would get a reminder to re-accept EULA in case he/she hasn’t done so yet.
* Possible Value:2,7,15,30 Days
* If the user doesn’t re-accept the EULA even after the reminder, this field indicates the delay after the reminder for marking the user out of EULA compliance and take specified action on all devices belonging to this user.
* Possible Value: 2,7,15,30
* This field indicates the action to be taken on all devices belonging to user in case the user has not accepted EULA
* Possible values

o 0 - Do Nothing

o 1 - Selective Wipe

o 2- Remove Control  
Country name or country code where the

customer account is located. For example: India or IN

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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|  |
| --- |
| Required |
| Required |
| Required if endUserReacceptEULAEna bled is set to “Yes” |
| Required if endUserReacceptEULAEna bled is set to “Yes” |
| Required if endUserReacceptEULAEna bled is set to “Yes” |

Optional

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Optional

• •

Values are in MBs Possible values:

o 10 o 50 o 100 o 500

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Parameter Name

Required / Optional

Description

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defaultLanguage customerVertical

Sample Request

Optional

o 1000  
o 5000  
o 10000 o 25000 o 50000 o 100000

ISO language code: cs, de, en, es, fr, it, ja, ko, nl, pl, pt, ru, zh-CN, zh-TW  
Customer Vertical for which the account information is provided. Possible values:

* *CONSUMER*
* *EDUCA TION*
* *FINANCIAL\_SERVICES*
* *HEALTHCARE*
* *MANUFACTURING*
* *PUBLIC\_SECTOR*
* *PROFESSIONAL\_SERVICES*
* *OTHERS*

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Optional

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POST *https://services.fiberlink.com/account-provisioning/account/1.0/setCustomerConfig/1101234 ?customerBillingId=1101235?committedLicenseCount=1&adminEULASettings=0&endUserReacceptEULAEna bled=No*

Sample Response

<account>  
<billingId>1101234</billingId>  
<status>0</status> ## 1:success; 0:error  
<description>Details of customer updated successfully</description> <errorCode>1001</errorCode>  
<errorMessage>Exception details</errorMessage>

</account>  
Mandatory attributes in Response

* -  billingId
* -  status   
  Access Control
* -  Customer Properties: Enable Provision New Customer
* -  Access Rights: Onboard Customers, Account Actions Control

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**Sign Apple MDM CSR request**

Request  
POST /provisioning-apis/provisioning/1.0/getSignedCSR/<billingId>

**Content Type Header:** multipart/form-data Definition

❖ Takes an unsigned CSR as input and return a signed CSR that can be used to generate Apple Certificate.

❖ Apple restrictions for generating the unsigned CSR apply - The CSR should be generated on the user’s device who is trying to enroll for MDM

Parameters

billingId Required

unsignedCSR Required Sample Request

Billing ID of the account for which the web-service is being executed  
multipart/form-data

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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POST https://services.fiberlink.com/provisioning-apis/provisioning/1.0/getSignedCSR/*1101234* The request should contains 1 part

- Part: Name = unsignedCSR; Value = Unsigned CSR Sample Response  
Byte array of signed CSR  
Mandatory attributes in Response

- signedCSR Access Control

* -  Customer Properties: -
* -  Access Rights: Service Configuration

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**Upload Apple MDM Certificate**

Request  
POST /provisioning-apis/provisioning/1.0/uploadAppleMDMCert/<billingID>

**Content Type Header:** multipart/form-data Definition

❖ Upload Apple MDM Certificate and Password. The Certificate will be uploaded as a file ❖ Validate the Certificate before saving this.  
❖ If an existing Apple MDM Certificate exists, then this overrides the existing content

Parameters

billingID Required Billing ID of the Customer account for which the Apple MDM Certificate is to be uploaded

Sample Request  
POST *https://services.fiberlink.com/provisioning-apis/provisioning/1.0/uploadAppleMDMCert/1101234*

The request should contain 2 parts  
- Part1: Name = appleMDMCertFile; Value = App MDM Certificate file - Part2: Name = certPassword; Value = password

Sample Response

<actionResponse> <status>Success</status>

<description>Apple MDM Certificate has been uploaded successfully</description> <certExpiryDate>2016-09-23T09:41:01.000 GMT</certExpiryDate> <certTopic>com.apple.mgmt.External.711f921c-84ef-4a27-a930-e19884dad4bf</certTopic>

</actionResponse>  
Mandatory attributes in Response

* -  status
* -  certTopic
* -  certExpiryDate   
  Access Control
* -  Customer Properties: -
* -  Access Rights: Services Configuration

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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**Get Device Enrollment Settings**

Request  
GET /provisioning-apis/provisioning/1.0/getDeviceEnrollSettings/<billingID>

Definition  
❖ Return the following Device Enrollment Settings

o Corporate Identifier  
o User Authentication Mode  
o Device Platforms allowed to Enroll  
o Prompt user to accept usage policy  
o Corporate Support information  
o Alert administrator on device enrollment

Parameters

billingID Sample Request

Required Billing ID of the account for which the web-service is being executed

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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*https://services.fiberlink.com/provisioning-apis/provisioning/1.0/getDeviceEnrollSettings/1007463*

Sample Response

<enrollSettings>  
<corporateID>EXAMPLECO</corporateID> <userAuthenticationMode>0</userAuthenticationMode> <adEnrollURL>https://m.dm/EXAMPLECO</adEnrollURL> <defaultDomain>acme</defaultDomain> <allowedDevicePlatforms>iPhone,iPad</allowedDevicePlatforms> <promptUsagePolicy>Yes</promptUsagePolicy> <usagePolicyURL>http://services.fiberlink.com/usagePolicy/1009081</usagePolicyURL> <corpSupportEmail>support@example.com</corpSupportEmail> <corpSupportPhone>1-800-123-1234</corpSupportPhone> <alertAdmin>Yes</alertAdmin>  
<deviceTypesAlert>1</deviceTypesAlert> <alertEmailAddresses>admin@example.com</alertEmailAddresses>

</enrollSettings>  
Mandatory attributes in Response

* -  corporateID
* -  userAuthenticationMode   
  Access Control
* -  Customer Properties: -
* -  Access Rights: Service Configuration

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**Configure Device Enrollment Settings**

Request  
POST /provisioning-apis/provisioning/1.0/configureDeviceEnrollSettings/<billingID>

**Content Type Header:** multipart/form-data Definition

❖ Configure the following Device Enrollment Settings o Corporate Identifier

o User Authentication Mode  
o Device Platforms allowed to Enroll  
o Prompt user to accept usage policy  
o Corporate Support information  
o Alert administrator on device enrollment

❖ If any setting below is not mentioned, then the value for this setting will be cleared. To retain the old value, the setting will need to be specified again with the old value.

Parameters

billingID

corporateID userAuthenticationMode

defaultDomain allowedDevicePlatforms

promptUsagePolicy usagePolicy

corpSupportEmail corpSupportPhone alertAdmin deviceTypesAlert

alertEmailAddresses Sample Request

Required Optional

Optional

Optional Optional

Optional Optional Optional

Billing ID of the account for which the web-service is being executed  
Corporate Identifier for the account  
Possible values:

0: Passcode  
1: Corporate Active Directory  
2: Two factor authentication  
3: SAML  
4: MaaS360 Local Account  
Relevant only if userAuthenticationMode = 2 or 3 Comma separated list of values  
Possible values:  
iPhone  
iPad  
iPod  
Android  
OS X  
BlackBerry  
Windows Phone  
Possible values: Yes, No  
Required if promptUsagePolicy = Yes. This file is the file that is uploaded.

Possible values: Yes, No Possible values:  
0: All Devices  
1: Smartphones & Tablets only 2: Laptops & Desktops only

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image

Optional  
POST *https://services.fiberlink.com/provisioning-*

If alertAdmin = Yes, then at least 1 value is required.

Image Image Image

*apis/provisioning/1.0/configureDeviceEnrollSettings/1101234*

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The request should contain 2 parts  
- Part1: Name = config\_enroll\_settings; Value = XML file for attributes other than Usage Policy file

Format for the XML is as follows: <Customer>

<corporateID>him53</corporateID> <userAuthenticationMode>1</userAuthenticationMode> <defaultDomain>testADDomain</defaultDomain> <allowedDevicePlatforms>iPhone,iPad,iPod,Android</allowedDevicePlatforms> <corpSupportEmail>support@example.com</corpSupportEmail> <corpSupportPhone>123456</corpSupportPhone> <promptUsagePolicy>Yes</promptUsagePolicy>

<alertAdmin>Yes</alertAdmin> <deviceTypesAlert>1</deviceTypesAlert> <alertEmailAddresses>admin@example.com</alertEmailAddresses>

</Customer>

- Part2: Name = usagePolicy; Value = usage policy file

Sample Response

<ActionResponse>  
<description>Device Enrollment Settings configured successfully.</description> <responseCode>200</responseCode>  
<status>success</status>

</ActionResponse>  
Mandatory attributes in Response

- status Access Control

* -  Customer Properties: -
* -  Access Rights: Services Configuration

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**Provision New Partner Account**

Request  
POST /account-provisioning/account/1.0/createPartnerAccount/<billingID>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Create a new Partner account and configure all account setup information. For the primary administrator account created, change temporary password and set profile steps are skipped.
* ❖  The Billing ID specified in the request and credentials specified for authentication should be for a Partner account.
* ❖  Billing ID specified as a parameter is the Parent Partner account and will be to be a part of partner hierarchy (directly or indirectly) of the account whose credentials is specified for authentication
* ❖  Return Access Denied error if webservice is executed for a customer Account Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

uniquePartnerNameInMaaS360 partnerDisplayName partnerCode

templateAccountID

adminEmailAddress country  
password allowPortalLogin

multipleAccountEmailDomains

leadNotificationEmailAddress sendWelcomeEmail

Sample Request

Required

Required Required Required

Required Optional Optional

Required Optional

Billing ID of the Partner account under which the new Partner account should be created  
Unique Partner Name used within MaaS360  
Partner Name used for branding purposes in the portal Unique 4 to 8 characters long (alphanumeric) code to identify the partner in the Service Registration URL. Billing ID of the template Account. If left blank, use the Parent Account as the template Account. Also, if specified, then check that the specified Template Account is in the scope of provided credentials

Email Address of the primary administrator for the account  
Country name or country code where the customer account is located. For example: India or IN

If specified, this will be set for the Administrator account. Else, an autogenerated password will be set Possible Options:  
0 – Admin account cannot be used to log into portal. This is for webservice only

1 – Admin account can be used for both portal login & webservice (Default)  
Comma separated list of email domains for which multiple customer accounts can be created. In this case, the account name instead of email address, will be <<BillingID>>\_Email Prefix.

Email address to which new customer account creation notification emails should be sent  
Whether to send Welcome Email from MaaS360 or not. Default = Yes

Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image

|  |
| --- |
| Optional |
| Optional |

Image Image Image Image Image Image

POST *https://services.fiberlink.com/account- provisioning/account/1.0/createPartnerAccount/1101234?uniquePartnerNameInMaaS360=Demo Customer1&partnerDisplayName=DemoCustomer1&partnerCode=demozone&adminEmailAddress=abc@exa mple.com&leadNotificationEmailAddress=abc@example.com*

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Sample Response

<account> <billingID>2001234</billingID>

<accountName>Demo Customer1</accountName> <parentBillingID>1101234</parentBillingID> <adminUsername>2001234\_admin</adminUsername> <adminPassword>a1b2c3d4</adminPassword> ## Only when autogenerated <trialRegistrationURL>

https://portal.fiberlink.com/tryMDM/SK\_TELK\_MDM\_C</trialRegistrationURL> </account>

Mandatory attributes in Response

* -  billingID
* -  accountName
* -  parentBillingID
* -  adminUsername
* -  trialRegistrationURL   
  Access Control
* -  Customer Properties: Enable Partner Onboarding
* -  Access Rights: Onboard Partner, Account Actions Control

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**Get Partner Account Configuration**

Request  
POST /account-provisioning/account/1.0/getPartnerAccountConfig/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Return account details for a partner account
* ❖  End User EULA Settings will be returned in response only if the endUserReacceptEULAEnabled is set to   
  “Y es”
* ❖  Credentials specified for authentication should be for a Partner account.
* ❖  Return Access Denied error if webservice is executed for a customer Account   
  Parameters   
  parnterBillingId Required Billing ID of partner for which the account information is expected.   
  Sample Request  
  POST *https://services.fiberlink.com/account-*   
  *provisioning/account/1.0/getPartnerAccountConfig/1101234?partnerBillingId=1101234*   
  Sample Response   
  <account>  
  <partnerBillingId>1101234</partnerBillingId>  
  <partnerUniqueName>ExampleCo Master Account</partnerUniqueName> <partnerDispalyName> ExampleCo Master Account</partnerDispalyName> <partnerCode>SK</partnerCode> <primaryAdminEmail>admin@example.com</primaryAdminEmail> <primaryAdmin>admin\_master</primaryAdmin> <trialURL>https://portal.fiberlink.com/tryMDM/SK\_CCAS\_MDM\_C</trialURL> <leadNotificationEmail>abc@fiberlink.com<l/eadNotificationEmail> <trialDuration>60</trialDuration> ## of days for trial accounts, null in case of customers <specialDomains>abc.com, pqr.com</specialDomains> ## comma separated domains <adminEULASetting>0</adminEULASetting> ## One of the four possible values (0-Don’t prompt,   
  1-Force only the first login to accept EULA, 2-Force all admins to accept EULA on first time login, 3-Force all admins to accept changes to EULA)   
  <endUserReacceptEULAEnabled>Yes/No</endUserReacceptEULAEnabled> <endUserReacceptEULAReminderDuration>7</endUserReacceptEULAReminderDuration> #days <endUserReacceptEULADelayAfterReminder>7</endUserReacceptEULADelayAfterReminder>   
  #days  
  <endUserReacceptEULAAction>0</endUserReacceptEULAAction> ## one of three actions (0- Do   
  nothing, 1- Selectively Wipe, 2- Remove Control, 3 – Alert user) <errorCode>1001</errorCode>   
  <errorMessage>Exception details</errorMessage> </account>   
  Mandatory attributes in Response

- partnerBillingId

Access Control

* -  Customer Properties: Enable Provision New Partner
* -  Access Rights: All rights related to Onboarding   
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|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

**Set Partner Account Configuration**

Request  
POST /account-provisioning/account/1.0/setPartnerAccountConfig/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Configure partner account settings  
❖ Credentials specified for authentication should be for a Partner account.  
❖ Return Access Denied error if webservice is executed for a customer Account

Parameters

partnerBillingId specialDomain leadNotificationEmail trialDuration

adminEULASettings

endUserReacceptEULAEnabl ed

endUserReacceptEULARemi nderDuration

endUserReacceptEULADelay AfterReminder

endUserReacceptEULAActio n

country

Required Optional Required

Billing ID of partner for which the account information is provided  
Comma Separated values of domains. Only applicable to partners

Emails for notifying if new customers/trial sign up under the partner hierarchy  
Integer field – Indicates number of days for which trial account is valid. Default Trail period for customer accounts created under this partner account

Possible Values: 15, 30, 45, 60, 75, 90 One of the following 4 values

0-Don’t prompt  
1-Force only the first login to accept EULA 2-Force all admins to accept EULA on first time login  
3-Force all admins to accept changes to EULA

* This customer account has enforced end users to re-accept EULA when the applicable EULA changes
* Possible values (Yes/No)
* This field indicates the duration after which end user would get a reminder to re-accept EULA in case he/she hasn’t done so yet.
* Possible Value:2,7,15,30 Days
* If the user doesn’t re-accept the EULA even after the reminder, this field indicates the delay after the reminder for marking the user out of EULA compliance and take specified action on all devices belonging to this user.
* Possible Value: 2,7,15,30
* This field indicates the action to be taken on all devices belonging to user in case the user has not accepted EULA
* Possible values

o 0 - Do Nothing

o 1 - Selective Wipe

o 2- Remove Control  
Set the country code for the partner

account. For example: India or IN  
See page 143 for a list of country codes.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image

|  |
| --- |
| Required |
| Required |
| Required |
| Required if endUserReacceptEULAEnabl ed is set to “Yes” |
| Required if endUserReacceptEULAEnabl ed is set to “Yes” |
| Required if endUserReacceptEULAEnabl ed is set to “Yes” |

Optional

Image Image Image Image Image Image

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Sample Request

POST *https://services.fiberlink.com/account- provisioning/account/1.0/setPartnerAccountConfig/1101234?partnerBillingId=1101234&leadNotificationE mail=abc@example1.com&trialDuratio=75&adminEULASettings=1&endUserReacceptEULAEnabled=No*

Sample Response

<account>  
<partnerBillingId>1101234</partnerBillingId > <country>US</country>  
<status>0</status> ## 1:success; 0:error  
<description>Details of customer updated successfully</description> <errorCode>1001</errorCode>  
<errorMessage>Exception details</errorMessage>

</account>  
Mandatory attributes in Response

* -  partnerBillingId
* -  status   
  Access Control
* -  Customer Properties: Enable Provision New Partner
* -  Access Rights: Onboard Partners, Account Actions Control

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**Get Customer’s Allowed Services**

Request  
GET /account-provisioning/service/1.0/getServicesInfo/< loggedInUserbillingId>?<parameters>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  Returns the set of services that can be enabled for a customer.
* ❖  The Billing ID specified in the request and credentials specified for authentication should be for a   
  customer account.
* ❖  Billing ID specified as a parameter is the child of the Partner account and will be to be a part of partner hierarchy (directly or indirectly) of the account whose credentials is specified for authentication

Parameters

loggedInUserbillingId customerBillingId serviceKey

Required Required Optional

Billing ID of the query’s account Billing ID of the customer account Use to check for a specific service.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Sample Request  
POST *https://services.fiberlink.com/account-provisioning/service/1.0/getServicesInfo/1224321*

*?loggedInUserbillingId=1224321&customerBillingId=1224321*

Sample Response

<response>  
<status>SUCCESS</status>  
<count>13</count>  
<services>  
<service>  
<serviceKey>ACT\_SYNC</serviceKey>  
<description>Enable Exchange and Office365 integration</description>  
<status>Disabled</status>  
<inputs/>  
<childServices/>  
</service>  
<service>  
<serviceKey>BES</serviceKey>  
<description>Enable Blackberry enterprise server integration</description>  
<status>Disabled</status>  
<inputs/>  
<childServices/>  
</service>  
<service>  
<serviceKey>DOCS\_SERVICE</serviceKey>  
<description>Documents management and distribution capability for a wide range of devices. </description> <status>Enabled</status>  
<inputs/>  
<childServices>  
<service>  
<serviceKey>CONTENT\_SYNC\_USER</serviceKey>  
<description>Enable content sync for user</description> <parentServiceKey>DOCS\_SERVICE</parentServiceKey>  
<status>Disabled</status>  
<inputs/>  
<childServices/>  
</service>

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</childServices> </service> </services> </response>

Sample Error Response

<response>  
<errorCode>NOT\_IN\_HIERARCHY</errorCode>  
<errorMsg>Selected Customer 1224321 is not in hierarchy of parent: 1004952</errorMsg> </response>

Response Definitions

MDM ACT\_SYNC

MAM\_INT SECURE\_BROWSER SECURE\_EMAIL APP\_WRAPPING WINDOWS\_FILE\_SHARE SB\_INTRANET\_ACCESS BES  
DOCS\_SERVICE  
RPAS  
TEM  
MDM\_C ENTERPRISE\_GATEWAY EUP  
ACT\_SYNC\_NOTES CONTENT\_SYNC\_USER SECURE\_EDITOR SECURE\_VIEWER  
DV  
INT\_DTM\_BIGFIX\_C

INT\_DTM\_LOCATE\_C

MAC  
MAC\_V WINDOWS\_DTM\_C WINDOWS\_ENROLLMEN T\_MODE EUP\_ADD\_DEVICE APP\_SECURITY MALWARE\_DETECT WP\_APP\_SECURITY ANDROID\_MDM\_C BB\_MDM IPHONE\_MDM\_C WIN\_MOBILE WIN7\_PHONE WINDOWS\_PHONE\_MDM \_C

Does not enable SPS or EAS  
Exchange and Office365 integration. Manages only via mail and are not enrolled in MDM.  
Mobile Application Management  
Secure Browser  
Secure email

Connect to a Sharepoint through the MEG Use the Secure Browser through the MEG Blackberry enterprise server integration Documents management and distribution Email Access Gateway

Mobile expense management to track mobile data usage Mobile Device Management  
MaaS360 gateway  
End User Portal

IBM Traveler and IBM Connections Cloud integration Content sync for user  
Secure editor (enables Viewer on Android)  
Secure Viewer

Visibility services for Mac desktops and laptops Advanced Patch Management using Bigfix

Location tracking for Windows Desktops and Laptops

Management for Mac desktops and laptops Visibility services for Mac desktops and laptops Management for Windows desktops and laptops Windows 10 MDM

Show/hide Add Device Request Action in EUP Mobile App security  
Threat management, Trusteer  
Workplace app security

Android device management BlackBerry Device management IOS device management Manage Windows 8 devices Manage Windows 7 phones Manage Windows 10 devices

DOCS\_SERVICE DOCS\_SERVICE DOCS\_SERVICE

WINDOWS\_DTM \_C WINDOWS\_DTM \_C

WINDOWS\_DTM \_C  
EUP  
MAM\_INT MAM\_INT MAM\_INT MDM\_C

MDM\_C MDM\_C MDM\_C MDM\_C MDM\_C

|  |  |  |
| --- | --- | --- |
| ServiceKey | Description | Parent Service |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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|  |  |  |
| --- | --- | --- |
| ServiceKey | Description | Parent Service |

SB\_INTRANET\_ACCESS SB\_URL\_FILTERING

WINDOWS\_SECURE\_BR OWSER MAIL\_CAL\_APNS SECURE\_CHAT

Secure browser gateway

URL filtering for Secure Browser

Windows secure browser

Push notifications  
Secure chat. This needs Secure Email to be enabled.

SECURE\_BROW SER SECURE\_BROW SER SECURE\_BROW SER SECURE\_MAIL SECURE\_MAIL

|  |
| --- |
| Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image |

Mandatory attributes in Response

* -  status
* -  count
* -  service   
  Access Control
* -  Customer Properties: Enable Web Services
* -  Access Rights: Registration Portal workflows   
  **Enable a Service for a Customer**   
  Request

POST /account-provisioning/service/1.0/enableService/<billingID>?<serviceKey>*&<*customerBillingId*>* **Content Type Header:** application/x-www-form-urlencoded

**Accept: application/json** OR **Accept: application/xml** Definition

* ❖  A Partner can enable a service for a specified customer.
* ❖  The Billing ID specified in the request and credentials specified for authentication can be for a Partner   
  or Simple Customer account.
* ❖  Billing ID specified as a parameter is the Parent of the customer account and will be to be a part of partner hierarchy (directly or indirectly) of the account whose credentials is specified for authentication

Parameters

billingID

serviceKey

customerBillingId

Parameter Keys

MDM ACT\_SYNC

MAM\_INT SECURE\_BROWSER SECURE\_EMAIL APP\_WRAPPING

Required Required Required

Billing ID of the logged in Partner account  
See table “Parameter Keys” for allowed values. Billing ID of the customer account

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

|  |
| --- |
| Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image |

|  |  |  |
| --- | --- | --- |
| ServiceKey | Description | Parent Service |

Does not enable SPS or EAS Exchange and Office365 integration.

Manages only via mail and are not enrolled in MDM.  
Mobile Application Management Secure Browser

Secure email

|  |
| --- |
| Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image |

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|  |  |  |
| --- | --- | --- |
| ServiceKey | Description | Parent Service |

WINDOWS\_FILE\_SHARE SB\_INTRANET\_ACCESS

BES DOCS\_SERVICE

RPAS TEM

MDM\_C ENTERPRISE\_GATEWAY EUP  
ACT\_SYNC\_NOTES

CONTENT\_SYNC\_USER SECURE\_EDITOR

SECURE\_VIEWER DV

INT\_DTM\_BIGFIX\_C

INT\_DTM\_LOCATE\_C

MAC

MAC\_V

WINDOWS\_DTM\_C

WINDOWS\_ENROLLMENT\_MODE EUP\_ADD\_DEVICE

APP\_SECURITY MALWARE\_DETECT WP\_APP\_SECURITY ANDROID\_MDM\_C  
BB\_MDM  
IPHONE\_MDM\_C  
WIN\_MOBILE  
WIN7\_PHONE WINDOWS\_PHONE\_MDM\_C SB\_INTRANET\_ACCESS SB\_URL\_FILTERING WINDOWS\_SECURE\_BROWSER MAIL\_CAL\_APNS SECURE\_CHAT

Connect to a Sharepoint through the MEG  
Use the Secure Browser through the MEG

Blackberry enterprise server integration Documents management and distribution  
Email Access Gateway

Mobile expense management to track mobile data usage  
Mobile Device Management MaaS360 gateway

End User Portal  
IBM Traveler and IBM Connections Cloud integration  
Content sync for user  
Secure editor (enables Viewer on Android)  
Secure Viewer  
Visibility services for Mac desktops and laptops  
Advanced Patch Management using Bigfix  
Location tracking for Windows Desktops and Laptops  
Management for Mac desktops and laptops  
Visibility services for Mac desktops and laptops  
Management for Windows desktops and laptops  
Windows 10 MDM  
Show/hide Add Device Request Action in EUP  
Mobile App security  
Threat management, Trusteer Workplace app security  
Android device management  
BlackBerry Device management  
IOS device management  
Manage Windows 8 devices  
Manage Windows 7 phones  
Manage Windows 10 devices  
Secure browser gateway  
URL filtering for Secure Browser Windows secure browser  
Push notifications  
Secure chat. This needs Secure Email to be enabled.

DOCS\_SERVICE DOCS\_SERVICE

DOCS\_SERVICE

WINDOWS\_DTM\_C WINDOWS\_DTM\_C

WINDOWS\_DTM\_C EUP

MAM\_INT  
MAM\_INT  
MAM\_INT  
MDM\_C  
MDM\_C  
MDM\_C  
MDM\_C  
MDM\_C  
MDM\_C SECURE\_BROWSER SECURE\_BROWSER SECURE\_BROWSER SECURE\_MAIL SECURE\_MAIL

|  |
| --- |
| Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image |

Sample Request  
POST *https://services.fiberlink.com/account-provisioning/service/1.0/enableService/*

*1101234?serviceKey=MEM&customerBillingId=1224321*

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Sample Response

<serviceResponse>  
<status>SUCCESS</status> <customerBillingId>1224321</customerBillingId> <serviceKey>CONTENT\_SYNC\_USER</serviceKey>

</serviceResponse>

Mandatory attributes in Response

* -  status
* -  customerBillingId
* -  serviceKey   
  Sample Error Response   
  <serviceResponse>  
  <status>FAILED</status> <errorCode>REQUIRED\_PARAMETER\_MISSING</errorCode>  
  <errorMsg>Service Key is required for enabling service : 4169009</errorMsg>   
  </serviceResponse>   
  <serviceResponse>  
  <status>FAILED</status>  
  <customerBillingId>4169009</customerBillingId> <serviceKey>CONTENT\_SYNC\_USER</serviceKey> <errorCode>NOT\_A\_SIMPLE\_CUSTOMER</errorCode>  
  <errorMsg>Selected customer with billing id: 75869 is not a Simple Customer</errorMsg>   
  </serviceResponse>   
  Other errors include:   
  • INVALID\_CUSTOMER  
  • INVALID\_SERVICE\_KEY  
  • SERVICE\_ALREADY\_ENABLED  
  • PARENT\_SERVICE\_NOT\_ENABLED • NOT\_IN\_HIERARCHY   
  Access Control
* -  Customer Properties: Enable Web Service
* -  Access Rights: Registration Portal workflows

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**Disable a Service for a Customer**

Request

POST /account-provisioning/service/1.0/disableService/<billingID>?<serviceKey>*&<*customerBillingId*>* **Content Type Header:** application/x-www-form-urlencoded

**Accept: application/json** OR **Accept: application/xml** Definition

* ❖  A Partner can disable a service for a specified customer.
* ❖  The Billing ID specified in the request and credentials specified for authentication should be for a   
  Partner account.
* ❖  Billing ID specified as a parameter is the Parent of the customer account and will be to be a part of partner hierarchy (directly or indirectly) of the account whose credentials is specified for authentication

Parameters

billingId serviceKey customerBillingId

Parameter Keys

MDM ACT\_SYNC

MAM\_INT SECURE\_BROWSER SECURE\_EMAIL APP\_WRAPPING WINDOWS\_FILE\_SHARE SB\_INTRANET\_ACCESS BES

DOCS\_SERVICE RPAS  
TEM

MDM\_C ENTERPRISE\_GATEWAY EUP  
ACT\_SYNC\_NOTES

CONTENT\_SYNC\_USER SECURE\_EDITOR SECURE\_VIEWER  
DV INT\_DTM\_BIGFIX\_C INT\_DTM\_LOCATE\_C

MAC MAC\_V

Required Required Required

Billing ID of the logged in Partner account  
See table “Parameter Keys” for allowed values. Billing ID of the customer account

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

|  |  |  |
| --- | --- | --- |
| ServiceKey | Description | Parent Service |

Does not enable SPS or EAS  
Exchange and Office365 integration. Manages only via mail and are not enrolled in MDM. Mobile Application Management  
Secure Browser  
Secure email

Connect to a Sharepoint through the MEG Use the Secure Browser through the MEG Blackberry enterprise server integration Documents management and distribution Email Access Gateway

Mobile expense management to track mobile data usage  
Mobile Device Management  
MaaS360 gateway

End User Portal  
IBM Traveler and IBM Connections Cloud integration  
Content sync for user  
Secure editor (enables Viewer on Android) Secure Viewer  
Visibility services for Mac desktops and laptops Advanced Patch Management using Bigfix Location tracking for Windows Desktops and Laptops  
Management for Mac desktops and laptops Visibility services for Mac desktops and laptops

DOCS\_SERVICE DOCS\_SERVICE DOCS\_SERVICE

WINDOWS\_DTM\_C WINDOWS\_DTM\_C

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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|  |  |  |
| --- | --- | --- |
| ServiceKey | Description | Parent Service |

WINDOWS\_DTM\_C

WINDOWS\_ENROLLMENT\_MODE EUP\_ADD\_DEVICE APP\_SECURITY MALWARE\_DETECT WP\_APP\_SECURITY ANDROID\_MDM\_C

BB\_MDM  
IPHONE\_MDM\_C  
WIN\_MOBILE  
WIN7\_PHONE WINDOWS\_PHONE\_MDM\_C SB\_INTRANET\_ACCESS SB\_URL\_FILTERING WINDOWS\_SECURE\_BROWSER MAIL\_CAL\_APNS SECURE\_CHAT

Management for Windows desktops and laptops  
Windows 10 MDM  
Show/hide Add Device Request Action in EUP Mobile App security

Threat management, Trusteer Workplace app security Android device management BlackBerry Device management IOS device management Manage Windows 8 devices Manage Windows 7 phones Manage Windows 10 devices Secure browser gateway

URL filtering for Secure Browser  
Windows secure browser  
Push notifications  
Secure chat. This needs Secure Email to be enabled.

WINDOWS\_DTM\_C EUP  
MAM\_INT MAM\_INT MAM\_INT

MDM\_C  
MDM\_C  
MDM\_C  
MDM\_C  
MDM\_C  
MDM\_C SECURE\_BROWSER SECURE\_BROWSER SECURE\_BROWSER SECURE\_MAIL SECURE\_MAIL

|  |
| --- |
| Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image |

Sample Request  
POST *https://services.fiberlink.com/account-provisioning/service/1.0/disableService/*

*1101234?serviceKey=MEM&customerBillingID=1224321*

Sample Response

<serviceResponse>  
<status>SUCCESS</status> <customerBillingId>4169009</customerBillingId> <serviceKey>CONTENT\_SYNC\_USER</serviceKey>

</serviceResponse>

Mandatory attributes in Response

* -  status
* -  customerBillingId
* -  serviceKey   
  Sample Error Response   
  <serviceResponse>  
  <status>F AILED</status>   
  <errorCode>REQUIRED\_PARAMETER\_MISSING</errorCode>   
  <errorMsg>Service Key is required for disabling service : 4169009</errorMsg> </serviceResponse>   
  <serviceResponse>  
  <status>F AILED</status>

<serviceKey>CONTENT\_SYNC\_USER</serviceKey> <errorCode>REQUIRED\_PARAMETER\_MISSING</errorCode>  
<errorMsg>customerBillingId is required for disabling service : CONTENT\_SYNC\_USER</errorMsg>

</serviceResponse>

<serviceResponse>  
<status>F AILED</status>

<customerBillingId>416900987</customerBillingId> <serviceKey>CONTENT\_SYNC\_USER</serviceKey>

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<errorCode>NOT\_A\_SIMPLE\_CUSTOMER</errorCode>

<errorMsg>Selected customer with billing id: 9798638is not a Simple Customer</errorMsg> </serviceResponse>

Other errors include:

* INVALID\_CUSTOMER
* INVALID\_SERVICE\_KEY
* SERVICE\_KEY\_NOT\_ENABLED
* SERVICE\_KEY\_NOT\_VISIBLE
* NOT\_IN\_HIERARCHY   
  Access Control
* -  Customer Properties: Allow Disable Services, Enable Web Services
* -  Access Rights: Registration Portal

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**Get User’s Enabled Services**

Request

GET /account-provisioning/accountreporting/1.0/getUserReport/<billingID>?<parameters> **Content Type Header:** application/x-www-form-urlencoded  
**Accept:** application/json OR application/xml

Definition

* ❖  Return a user, associated devices, and the services enabled for each device.
* ❖  Either a user name or a phone number is required.
* ❖  The Billing ID specified in the request and credentials specified for authentication should be for a Partner account.
* ❖  Billing ID specified as a parameter is the Parent of the customer account and will be to be a part of partner hierarchy (directly or indirectly) of the account whose credentials is specified for authentication
* ❖  Return Access Denied error if webservice is executed for a customer Account Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId custBillingId username phoneNumber

Required Required Required\* Required\*

Billing ID of the Partner account  
Billing ID of the Customer account  
\*Either a user name or a phone number is required. \*Either a user name or a phone number is required.

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Sample Request  
GET *https://services.fiberlink.com/account-*

*provisioning/accountreporting/1.0/getUserReport/1101234?username=johndoe*

Sample Response

<response> <custbillingId>1101234</custbillingId> <users>

<user>  
<username>johndoe</username>

<deviceCount>2</deviceCount> <devices>

<device> <CSN>ANDROID9cf3876c63a8</CSN> <services>

<service>DOC</service>

<service>EAS</service> </services>

<phoneNumber>Not Available</phoneNumber> </device>

<device> <CSN>SEC1c2690863109a</CSN>

<services> <service>MDM</service>

<service>SEB</service> </services>

<phoneNumber>Not Available</phoneNumber> </device>

</devices> </user>

</users>

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</response>

Sample Error Response

<response>  
<errorCode> INPUT\_NOT\_VALID </errorCode> <errorMsg>Customer Billing ID 1101234 is not valid</errorMsg> </response>

<response>  
<errorCode>REQUIRED\_PARAMETER\_MISSING</errorCode>  
<errorMsg> At least one of the parameters, username or phone number, is required for getting reports </errorMsg>  
</response>

Other errors include:

• INPUT\_COMBINATION\_HAS\_NO\_DEVICES • NOT\_A\_SIMPLE\_CUSTOMER

Response Definitions

MDM ACT\_SYNC MAM\_INT

TEM

MALWARE\_DETECT

CON

SECURE\_BROWSER

SECURE\_EMAIL

SECURE\_CHAT

APP\_WRAPPING

DOC SECURE\_EDITOR

CONTENT\_SYNC\_USER WINDOWS\_FILE\_SHARE SB\_INTRANET\_ACCESS WP\_APP\_SECURITY

Mobile Device Management  
Email Managed (ActiveSync) Devices Mobile App Management

Mobile Expense Management Mobile Threat Management Mobile Content Cloud Secure Browser

Secure Mail

Secure Chat

App Security

Mobile Content Management Secure Editor

Secure Doc Sync MEG – Docs  
MEG – Browser MEG – Apps

Devices managed by MDM, not including SPS or EAS devices, are counted.  
Devices that are managed only via mail and are not enrolled in MDM are counted. Devices that have the app catalog available on the device, and have at least one app deployed are counted.

Devices that have a MEM data plan assigned to them are counted.  
Devices that have Trusteer activated and in use are counted.

Exists for billing purposes, does not require enable service option.  
Devices that have Secure Browser installed are counted.

Devices that have Secure Mail installed are counted.  
Devices that have Secure Chat installed are counted.

Devices with App Wrapping enabled are counted  
Every active device is counted.  
Devices that have Secure Editor installed are counted.

Devices that have Secure Doc Sync enabled are counted.  
Devices that connect to a Sharepoint through the MEG are counted.

|  |  |  |
| --- | --- | --- |
| **ServiceKey** | **Full Name** | **Notes** |

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Devices that use the Secure Browser through the MEG are counted. Devices that use apps that use the WorkPlace SDK are counted.

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Mandatory attributes in Response - custbillingId

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* -  CSN (maas360DeviceID)
* -  username or phonenumber
* -  device   
  Access Control   
  Customer Properties: Enable User Usage Report, Enable Web Service Access Rights: Portal Manager AccessReporting

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**Reporting**

**Get List of Dashboards**

Request  
GET /reporting-apis/bi/1.0/getDashboards/{billingId}/

Definition

❖ Returns a list of dashboards. Parameters (table)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId  
locale customerBillingID

Required Optional Optional

Billing ID of the account for which the web- service is being executed  
Locale in which the name of reports and categories are to be displayed

Only available for Partner dashboards

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Sample Request  
GET *https://services.fiberlink.com/reporting-apis/bi/1.0/getDashboards/1101234*

Sample Response

<dashboards> <count>2</count>

<dashboard>  
<dashboardName>MDM OVERVIEW</dashboardName > <dashboardCode>BI\_IA\_MDMO</dashboardCode >

</dashboard > <dashboard >

< dashboardName>PLATFORM</dashboardName >

<dashboardCode>BI\_IA\_PLA TO</dashboardCode> </dashboard >

</dashboards> Access Control

* -  Customer Properties: New BI - MDM Dashboards or New BI - DTM Dashboards or New BI - Partner Dashboards or New BI - MEM Dashboards
* -  Access Rights: Reports

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**Get Report List For A Dashboard**

Request  
GET /reporting-apis/bi/1.0/getReport/{billingId}/{dashboardCode}/

Definition

❖ Return the list of reports available for the requested dashboard Parameters (table)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId dashboardCode locale

Required Required Optional

Billing ID of the account for which this api is being executed  
The code of the dashboard for which this api is being executed

Locale in which the name of filters are to be displayed

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Sample Request  
GET *https://services.fiberlink.com/reporting-apis/bi/1.0/getReport/1101234/BI\_IA\_MDMO/*

Sample Response

<reports> <count>4</count> <report>

<categoryName>Device Summary</categoryName> <reportName>Platform</reportName> <reportCode>BI\_IA\_MDMO\_DEVICES\_BY\_PLATFORM</reportCode>

</report> <report>

<categoryName>Device Summary</categoryName> <reportName>Managed Status</reportName> <reportCode>BI\_IA\_MDMO\_DEVICES\_BY\_MANAGED\_STATUS</reportCode>

</report> <report>

<categoryName>Device Summary</categoryName> <reportName>Ownership</reportName> <reportCode>BI\_IA\_MDMO\_DEVICES\_BY\_OWNERSHIP</reportCode>

</report> <report>

<categoryName>Hardware Details</categoryName> <reportName>Details Report</reportName> <reportCode>BI\_IA\_MDMO\_DEVICE\_DETAILS\_REPORT</reportCode>

</report> </reports>

Mandatory attributes in Response

* -  categoryName
* -  reportName
* -  reportCode   
  Access Control
* -  Customer Properties: New BI - MDM Dashboards or New BI - DTM Dashboards or New BI - Partner Dashboards or New BI - MEM Dashboards
* -  Access Rights: Reports   
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**Download Report Details**

Request  
GET /reporting-apis/bi/1.0/download/{billingId}/{dashboardCode}{reportCode}

Definition

* ❖  Downloads a zipped CSV file with name REPORT\_CODE\_yyyy-mm-dd-hh-mm.zip containing the details of the specified report
* ❖  The credentials specified for authentication change the customerBillingID parameter
* ❖  Columns are customized for as specified by the authenticated admin user
* ❖  Only one report per account at a time; simultaneous requests result in an error message
* ❖  One report can contain a maximum of 250000 records. For App Inventory Device Details Report, which could contain more than 250000 records, the API will need to be called multiple times with different values of startRecord parameter. The startRecord parameter should be 0 for the first request, 250000 for the second request and so on.

Parameters (table)

billingId dashboardCode reportCode locale customerBillingId

lastReported

pageSize startRecord paginate

Required Required Required Optional

Optional (Only applicable for App Inventory Device Details Report)  
Optional (Only applicable for App Inventory Device Details Report)

Billing ID of the account for which this api is being executed  
The code of the dashboard for which this api is being executed

The code of the report for which the details are requested  
Locale in which the name of filters are to be displayed

When logged in as Customer admin, it is not required  
When logged in as Partner admin, it is required

When the device last reported back to MaaS360 portal. Valid values are :[Last 180 Days; Last 7 Days; Last 30 Days; Current & Last Month; Last 60 Days; Last 90 Days] The number of records to fetch in the report. Value can be between 1-250000. Default value is 250000  
The starting record for the report. Default value is 0

Decides the API response when there are no more records to return. Valid values are: [True; False], default value is "False". If the value is set to “True”, the API will return empty response body with response code as 204. If the value is set to “False”, the API will return empty response body with response code as 200

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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|  |
| --- |
| Optional |
| Optional |

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Optional (Only applicable for App Inventory Device Details Report)

Image Image Image Image Image Image

Sample Request  
GET *https://services.fiberlink.com/reporting-apis/bi/1.0/download/1101234/ BI\_IA\_MDMO?reportcode=*

*BI\_IA\_MDMO\_DEVICES\_BY\_PLATFORM*

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Sample Response  
Downloads a CSV file with name *BI\_IA\_MDMO\_DEVICES\_BY\_PLATFORM\_2015-09-01-13-22.zip*.

Access Control

* -  Customer Properties: New BI - MDM Dashboards or New BI - DTM Dashboards or New BI - Partner Dashboards or New BI - MEM Dashboards
* -  Access Rights: Reports

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**Cisco ISE Integration**

This section describes integrating MaaS360 with Cisco’s Identity Services Engine (ISE). The current version of the REST APIs is supported with ISE 1.4. Partner MDM servers implementing v2 APIs must be backward compatible with the previous v1 APIs.

**MDM Server Info**

Request  
GET https://mdm-server/ciscoise/mdminfo/?ise\_api\_version=<max\_ise\_supported\_api\_version>

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  This API is used to initially add an MDM vendor into ISE and the ISE admin page. This also provides information about the API version used by ISE as a URL query parameter. The MDM server determines which version of the API to use, based on this api version information.
* ❖  The URL required for sending the MDM Server Info API request is fixed, since the API path (obtained from the REST webservice response for the MDM Server Info API) is not yet known to ISE.   
  Parameters   
  ise\_api\_version Required Billing ID of the Partner account for which the customer account should be created   
  Sample Request  
  GET *https://mdm-server/ciscoise/mdminfo/?ise\_api\_version=2*   
  Sample Response   
  <ise\_api> <name>mdminfo</name>   
  <api\_version>3</api\_version>  
  <api\_path>/ise/mdm/api</api\_path> <redirect\_url>http://example.com<redirect\_url> <query\_max\_size>3000</query\_max\_size> <messaging\_support>true</messaging\_support>  
  <vendor>Example Co.</vendor>  
  <product\_name>Example Co. Mobile Device Manager</product\_name> <product\_version>5.5.5</product\_version>   
  </ise\_api>

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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**MDM Device Attributes Query**

Request  
GET /ciscoise/devices/?

**Content Type Header:** application/x-www-form-urlencoded Definition

* ❖  This API queries device attributes. Each query has a category (MAC address, compliance status), value, and an Attribute filter to determine what information in in the return.
* ❖  The maximum number of devices returned is the value of “query\_max\_size” returned from “MDM Server Info” API (default is 5000).
* ❖  The initial call of this API passes paging info “0”. If the MDM has more devices than the “query\_max\_size”, it can design its own paging scheme, and returns the paging\_info in the response, which will be part of the URL in next call from ISE. If the paging info is “0” in response, or it doesn’t return paging info in its response, all the records have been returned.

Parameters

paging querycriteria

value

Required

0 means first call or all records Choose the query criteria category:

* macaddress
* compliance  
  Choose the query criteria value:
* macaddress - 12 HEX without separator
* meid – 14 character HEX code or 10 digit decimal code
* udid (Unique Device Identifier)
* imei (International Mobile Station Equipment Identity)
* compliance - true/false
* username - string  
  Use any number of filters, separated by “+”:
  + all
  + register\_status - Boolean (true/false)
  + Compliance - Status (true/false), Failure\_reason (String), Rememdiation (String)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

|  |
| --- |
| Optional |
| Optional |
| Required |

filter

* disk\_encryption\_on - Boolean (true/false)
* pin\_lock\_on - Boolean (true/false)
* jail\_broken - Boolean (true/false)
* Manufacturer - String
* Model - String
* Imei - String

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Parameter Name

Sample Request

Required / Optional

Description

Image Image Image Image Image Image Image Image Image

*https://services.fiberlink.com*/*ciscoise/devices/?paging=0&querycriteria=macaddress&value=0000000000 00&filter=all  
https://services.fiberlink.com/ciscoise/devices/?paging=0& querycriteria=meid&value=1234567890abcd&filter=all https://services.fiberlink.com/ciscoise/devices/?paging=0&querycriteria=username&value=abcd1234&filt er=register\_status+compliance\_status https://services.fiberlink.com/ciscoise/devices/?paging=0&querycriteria=compliance&value=false&filter =all*

*https://services.fiberlink.com/ciscoise/devices/?paging=0&filter=all*

Sample Response

<ise\_api > <name>attributes</name>

<api\_version>2</api\_version> <paging\_info>0</paging\_info> <deviceList>

<device> <macaddress>000000000000</macaddress> <attributes>

<register\_status>true</register\_status>  
<compliance>  
<status>false<status>  
<failure\_reason>something not compliant</failure\_reason> <remediation>instruction on how to rememdiate</remediation> </compliance>

<disk\_encryption\_on>yes</ disk\_encryption\_on> <pin\_lock\_on>true</ pin\_lock\_on>  
<jail\_broken>false</ jail\_broken> <manufacturer>Samsung</ manufacturer> <imei>1234567890</imei>  
<meid>A0123456789012</meid> <udid>2b6f0cc904d137be2e1730235f5664094b831186</udid> <os\_version>Android,4.3<os\_version>

</attributes>

</device> <deviceList>

</ise\_api>

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* Meid - String
* Udid - String
* HTTP - Method Url
* serial\_number - String
* os\_version - String
* phone\_number - String

Image Image

**MDM Device Attributes Query (POST version)**

Request  
POST /ciscoise/batchdevices/?

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ This is the POST version of the “MDM Device Attributes Query” API. It is functionally equivalent to the “GET” version.

❖ The “POST” version allows passing multiple values of a particular query criterion. For example, if query criterion is macaddress, then it can pass a list of mac addresses for the query.

Parameters

paging querycriteria

value

Required

0 means first call or all records Choose the query criteria category:

* macaddress
* compliance  
  Choose the query criteria value:
* macaddress - 12 HEX without separator
* meid – 14 character HEX code or 10 digit decimal code
* udid (Unique Device Identifier)
* imei (International Mobile Station Equipment Identity)
* compliance - true/false
* username - string  
  Use any number of filters, separated by “+”:
  + all
  + register\_status - Boolean (true/false)
  + Compliance - Status (true/false), Failure\_reason (String), Rememdiation (String)

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

|  |
| --- |
| Optional |
| Optional |
| Required |

filter

* disk\_encryption\_on - Boolean (true/false)
* pin\_lock\_on - Boolean (true/false)
* jail\_broken - Boolean (true/false)
* Manufacturer - String
* Model - String
* Imei - String
* Meid - String
* Udid - String
* HTTP - Method Url

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Parameter Name

Required / Optional

Description

Image Image Image Image Image Image Image Image

* serial\_number - String
* os\_version - String
* phone\_number - String   
  Sample Request *https://services.fiberlink.com*/*ciscoise/batchdevices/paging=0&querycriteria=macaddress&value=000000*   
  *000000&filter=all*   
  Sample Response   
  <ise\_api > <name>attributes</name>   
  <api\_version>2</api\_version> <paging\_info>0</paging\_info> <deviceList>   
  <device> <macaddress>000000000000</macaddress> <attributes>   
  <register\_status>true</register\_status>  
  <compliance>  
  <status>false<status>  
  <failure\_reason>something not compliant</failure\_reason> <remediation>instruction on how to rememdiate</remediation> </compliance>   
  <disk\_encryption\_on>yes</ disk\_encryption\_on> <pin\_lock\_on>true</ pin\_lock\_on>  
  <jail\_broken>false</ jail\_broken> <manufacturer>Samsung</ manufacturer> <imei>1234567890</imei>  
  <meid>A0123456789012</meid> <udid>2b6f0cc904d137be2e1730235f5664094b831186</udid> <os\_version>Android,4.3<os\_version>   
  </attributes>   
  </device> <deviceList>   
  </ise\_api>

Image Image Image

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**MDM Action**

Request  
POST /ciscoise/action/?

**Content Type Header:** multipart/form-data Definition

❖ This API allows ISE to send an action command to the MDM to perform certain actions. Parameters

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Parameter Name

actionType

Request payload:

<?xml version="1.0" encoding="UTF-8"?> <ise\_api>

Choose the action type, and upload an XML payload: • full\_wipe

• corporate\_wipe • pin\_lock

Required / Optional

Description

Image Image Image Image Image Image Image Image

Required

Image Image Image Image Image Image

<identifier>  
<macaddress> 000000000000</macaddress>

</identifier > </ise\_api>

Sample Request *https://services.fiberlink.com*/*ciscoise/action/actionType=pin\_lock*

Sample Response

<ise\_api > <name>action</name>

<api\_version>2</api\_version> <deviceList>

<device> <macaddress>000000000000</macaddress> <result>

<action\_status>true</register\_status>

<failure\_reason>Not Compliant</failure\_reason> </result>

</device> <deviceList>

</ise\_api>

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**Messaging**

Request  
PUT /ciscoise/sendmessage

**Content Type Header:** multipart/form-data Definition

❖ This API allows ISE to send a message through the MDM to end user mobile devices ifthe MDM has a messaging system that communicates with the devices.

❖ To use this API, the “MDM Server Info” API needs to return true for “messaging\_support”. Parameters

sendmessage Required Upload an XML payload for the message

Request payload:

<?xml version="1.0" encoding="UTF-8"?> <ise\_api>

<identifier>  
<macaddress> 000000000000</macaddress> <macaddress> 111111111111</macaddress>

</identifier > <message>

<message\_type>Alert</message\_type>  
<message\_header>Need your action in the next 10 minutes</message\_header> <message\_body>Text body</message\_body>

</message> </ise\_api>

Sample Request

*https://services.fiberlink.com*/*ciscoise/sendmessage* Sample Response

<ise\_api > <name>sendmessage</name>

<api\_version>2</api\_version> <deviceList>

<device>  
<macaddress>000000000000</macaddress>  
<result>  
<message\_status>false</register\_status>  
<failure\_reason>something happened, message is not sent</failure\_reason> </result>

</device> <device>

<macaddress>111111111111</macaddress> <result> <message\_status>true</register\_status> <failure\_reason> </failure\_reason> </result>

</device> <deviceList>

</ise\_api>

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|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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**Admin Audit**

This section describes APIs that are available for integrating MaaS360 with IBM QRadar.

**Get Admin Login Reports**

Request  
GET /account-provisioning/administrator/1.0/getAdminLoginReports/customer/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Provides admin login events success/failures at MaaS portal for a billing ID Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId Required authStatus

fromDate Optional toDate Optional pageSize

pageNumber Optional

Sample XML Response

<loginEvents>  
<count>10</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize> <loginEvent>

<username>40005185\_hs.harish</username> <loginAttemptTime>1493279650928</loginAttemptTime> <logoutTime>1493278946000</logoutTime> <duration>70.2</duration>

<operatingSystem>Windows Seven NT 6.1</operatingSystem> <browserVersion>Chrome 57.0.2987.133</browserVersion> <ipAddress>208.76.135.129</ipAddress> <authStatus>Successful</authStatus>

</loginEvent> </loginEvents>

Access Control

Customer Properties: Enable Web Services Access Rights: Read-only

Billing ID of the account for which the web-service is being executed  
Status of the authentication (Successful, Device Authentication Failed, User Authentication Failed)  
Starting date for limit of audit End date for limit of audit  
Limit number of events returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image

Results specific to a particular page. Default is first page

Image Image Image Image Image Image

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**312**

**Get Roles Audit**

Request  
GET /account-provisioning/roles/1.0/getRolesAudit/customer/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Provides audits of roles for a billing ID. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

fromDate toDate

pageSize

pageNumber

Sample XML Response

Required

Optional Optional

Optional Optional

Billing ID of the account for which the web-service is being executed  
Start date for limit of audit (Required if toDate is used) End date for limit of audit (Required if fromDate is used)

Limit number of audits returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50 Results specific to a particular page. Default: first page

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

<roles>  
<count>10</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize> <role>

<roleId>57605</roleId> <roleName>Custom</roleName> <roleDescription>Testing..!</roleDescription> <modifiedDate>1491315257000</modifiedDate> <modifiedBy>60001063\_testflk</modifiedBy> <operation>ADD</operation> <accessRightsModified>

<accessRight>  
<operation>ADD</operation>  
<name>Change Compliance Rule Set</name>  
<category>Device Management</category>  
<description>Ability to change a compliance rule set through a Device View

action.</description> </accessRight>

</accessRightsModified> </role>

</roles>  
Note: For Delete operation, do not show any access rights in the response.

Access Control

Customer Properties: Enable Web Services Access Rights: Device View - Read-only

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**Get Services Audit**

Request  
GET /account-provisioning/service/1.0/getServicesAudit/customer/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Provides an audit of services for the billing ID. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId serviceKey

fromDate toDate pageSize

pageNumber

Sample XML Response

<services>  
<count>10</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize> <service>

Required Optional

Optional Optional

Optional

Billing ID of the account for which the web-service is being executed  
Unique service name. For example, ACT\_SYNC\_NOTES, MAM\_INT, MAC

Starting date for limit of audit End date for limit of audit  
Limit number of audits returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50

Results specific to a particular page. Default: first page

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image

<updateDate>1493010852774</updateDate> <perfomedBy>pragagar@in.ibm.com</perfomedBy> <ipAdress>10.104.23.168</ipAdress> <serviceKey>MALWARE\_DETECT</serviceKey>  
<description>Enable threat management</description> <parentServiceKey>MAM\_INT</parentServiceKey> <parent\_description>Enable IBM Traveler and IBM Connections Cloud

integration</parent\_description> <action>ENABLE</action>

</service> </services>

Access Control

Customer Properties: Enable Web Services Access Rights: Read-only

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**Get Deployment Settings Audit**

Request  
GET /account-provisioning/settings/1.0/getDeploymentSettingsAudit/customer/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Provides audits of deployment settings for the billing ID. Parameters

billingId Required

fromDate Optional toDate Optional pageSize

pageNumber Optional

Sample XML Response

<deploymentSettings> <count>10</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize> <deploymentSetting>

<enrollOnBehalf>  
<enable>Y es</enable> <emailEOB>abc@gmail.com</emailEOB>

</enrollOnBehalf> <userAuthenticationMechanism>

<mechanism>ad</mechanism> </userAuthenticationMechanism>  
<devicePlatformAllowed>ipad, iphone</devicePlatformAllowed> <promptForOwnership>Yes</promptForOwnership> <defaultNewAdditionMode>Enrollment</defaultNewAdditionMode> <limitDevices>

<enable>No</enable> </limitDevices> <managementForCorporateIosDevice>

<setupSupervisedDevices></setupSupervisedDevices> <depSettingsUsingAppleDevice>

<enable>Yes</enable>

Billing ID of the account for which the web-service is being executed  
Starting date for limit of audit End date for limit of audit  
Limit number of audits returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50

Results specific to a particular page. Default: first page

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image

<authScreenHeader>HELLO</authScreenHeader>  
</depSettingsUsingAppleDevice> <deployAppsAndConfigureToDeviceEnroll></deployAppsAndConfigureToDeviceEnroll>

</managementForCorporateIosDevice> <corporateEmailDomain>

<enable>Y es</enable>

<emailDomain>abc@gmail.com</emailDomain> </corporateEmailDomain> <iosAppManagementSetting>

<depSettingsDefaultAppStore> <enable>Yes</enable> <regionName>United States</regionName>

</depSettingsDefaultAppStore>

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<promptUserDuringEnrollment></promptUserDuringEnrollment>

<convertAppsToManaged>No</convertAppsToManaged> </iosAppManagementSetting>  
<enableSilentInstallation>Y es</enableSilentInstallation> <promptForCorporatePolicy>

<enable>No</enable> </promptForCorporatePolicy> <corporateInformation>

<enable>Y es</enable>  
<iosServiceHostName>HLC Pvt. Ltd.</iosServiceHostName> <contactEmail>y@gmail.com</contactEmail> <phoneNumber>12345</phoneNumber> <customInstructions>No Bunk</customInstructions>

</corporateInformation> <alertOnNewDeviceDiscovery>

<enable>Y es</enable>  
<deviceTypeToConsider>All Devices</deviceTypeToConsider> <notificationEmail>xyz@ymail.com</notificationEmail> <notificationEmail>test@ymail.com</notificationEmail>

</alertOnNewDeviceDiscovery> <modifiedOn>1493292365868</modifiedOn> <modifiedBy>20014949\_psoni170</modifiedBy> <previousState>

<enrollOnBehalf> <enabled>No</enabled>

</enrollOnBehalf> <userAuthenticationMechanism>

<mechanism>maas\_auth</mechanism> </userAuthenticationMechanism> <alertOnNewDeviceDiscovery>

<enable>Yes</enable>  
<deviceTypeToConsider>All Devices</deviceTypeToConsider> <notificationEmail>xyz@ymail.com</notificationEmail>

</alertOnNewDeviceDiscovery>

</previousState> </deploymentSetting>

</deploymentSettings>

Access Control

Customer Properties: Enable Web Services Access Rights: Device View - Read-only

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**Get Login Settings Audit**

Request  
GET /account-provisioning/settings/1.0/getLoginSettingsAudit/customer/<billingId>

**Content Type Header:** application/x-wws-form-urlencoded Definition

❖ Provides audits of login settings for the billing ID. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

fromDate toDate pageSize

pageNumber

Sample XML Response

<loginSettings> <count>10</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize> <loginSetting>

Required

Optional Optional

Optional

Billing ID of the account for which the web-service is being executed  
Starting date for limit of audit End date for limit of audit  
Limit number of audits returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50

Results specific to a particular page. Default: first page

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image

<modifiedDate>1495440227523</modifiedDate> <modifiedBy>20014960\_hs.harish</modifiedBy> <authenticationMechanism>SAML</authenticationMechanism>

<samlConfig>

<identityProviderName>http://WDADFS01.fiberlinkqa.local/adfs/services/trust</identityProviderName> <signInPageUrl>https://WDADFS01.fiberlinkqa.local/adfs/ls/</signInPageUrl> <notificationEmail>harish@gmail.com</notificationEmail> <allowAdminToUsePortalCred>Yes</allowAdminToUsePortalCred>

</samlConfig> <deviceRegistrationRequired>No</deviceRegistrationRequired> <enableOTP>No</enableOTP>  
<previousState>

<samlConfig> <notificationEmail>abc@gmail.com</notificationEmail>

</samlConfig>

<enableOTP>Y es</enableOTP> </previousState>

</loginSetting> <loginSetting>

<modifiedDate>1495432342725</modifiedDate> <modifiedBy>20014960\_hs.harish</modifiedBy> <authenticationMechanism>SAML</authenticationMechanism>

<samlConfig>

<identityProviderName>http://WDADFS01.fiberlinkqa.local/adfs/services/trust</identityProviderName> <signInPageUrl>https://WDADFS01.fiberlinkqa.local/adfs/ls/</signInPageUrl> <notificationEmail>abc@gmail.com</notificationEmail> <allowAdminToUsePortalCred>Yes</allowAdminToUsePortalCred>

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</samlConfig> <deviceRegistrationRequired>No</deviceRegistrationRequired> <enableOTP>Yes</enableOTP>  
<previousState>

<authenticationMechanism>Customer User Directory</authenticationMechanism>

<enableOTP>No</enableOTP> </previousState>

</loginSetting> </loginSettings>

Access Control

Customer Properties: Enable Web Services Access Rights: Device View - Read-only

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**Get Notifications Settings Audit**

Request  
GET /account-provisioning/settings/1.0/getNotificationSettingsAudit/customer/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Provides audits of notification settings for the billing ID. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

status

fromDate toDate Status

pageSize

pageNumber

Sample XML Response

<notificationSettings> <count>2</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize> <notificationSetting>

Required

Optional

Optional Optional Optional

Optional

Billing ID of the account for which the web-service is being executed  
Active/Inactive. If not provide will return both

Starting date for limit of audit End date for limit of audit

Enabled or Disabled. Default: both  
Limit number of audits returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50

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Optional

Image Image Image Image Image Image

Results specific to a particular page. Default: first page

Image Image Image Image Image Image

<updateDate>1494565275161</updateDate> <performedBy>20014949\_muqbasha</performedBy> <ipAddress>208.76.135.129</ipAddress>  
<category>

<name>MTC\_DEVICE\_ENROLLMENTS</name> <description />  
<action>Enabled</action>

</category> <category>

<name>MTC\_APP\_DISTRIBUTION</name> <description /> <action>Enabled</action>

</category> </notificationSetting>

</notificationSettings>

Access Control

Customer Properties: Enable Web Services Access Rights: Device View - Read-only

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**319**

**Get User/Device Group Changes Audit**

Request  
GET /group-apis/group/1.0/getGroupAudit/customer/<billingId>

Definition

❖ Provides audits of user and device groups for a billing ID. Parameters

billingId Required

fromDate Optional toDate Optional pageSize

pageNumber Optional

Sample XML Response  
Representation of actions taken on user or device group

<groupsAudit>  
<count>10</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize> <groupAudit>

<groupName>RCB vs SRH new</groupName> <groupType>3</groupType> <createdBy>40005325\_psoni170</createdBy> <lastModifiedBy>40005325\_psoni170</lastModifiedBy> <isActive>1</isActive>

<isPrivate>0</isPrivate> <isManaged>0</isManaged> <action>

<actionType>POLICY</actionType> <actionPerformedBy>40005325\_psoni170</actionPerformedBy> <actionPerformedOn>1493165061378</actionPerformedOn>

</action> </groupAudit> </groupsAudit>

Billing ID of the account for which the web-service is being executed  
Starting date for limit of audit (Required if toDate is given)  
End date for limit of audit (Required if fromDate is given) Limit number of audits returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50

Results specific to a particular page. Default: first page

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image Image Image Image Image Image Image

Representation for changes done on user or device group (e.g. description/name change)

<groupsAudit>  
<count>10</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize>

<groupAudit>  
<groupName>RCB vs SRH new</groupName> <groupType>3</groupType> <createdBy>40005325\_psoni170</createdBy> <createdDate>1492681676983</createdDate> <lastModifiedBy>40005325\_psoni170</lastModifiedBy>

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<isActive>1</isActive> <isPrivate>0</isPrivate> <isManaged>0</isManaged> <action>

<actionType>GROUP\_EDIT</actionType> <actionPerformedBy>40005325\_psoni170</actionPerformedBy> <actionPerformedOn>1493165061378</actionPerformedOn>

</action> <previousState>

<groupName>f4a5d411-ddbd-4d12-b319-b4ff4d43015e</groupName> </previousState>

</groupAudit> </groupsAudit>

Sample URL  
GET /getGroupAudit/customer/40005325?fromDate=1487665805000&toDate=1492763405000

Access Control

Customer Properties: Enable Device View Access Rights: Device View - Read-only

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**Get Admin Changes Audit**

Request  
GET account-provisioning/administrator/1.0/getAdminChangesAudit/customer/<billingId>

**Content Type Header:** application/x-www-form-urlencoded Definition

❖ Provides local admin account changes/addition/deletion at MaaS portal for a billing ID. Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

billingId

accountStatus fromDate toDate pageSize

pageNumber role

Sample XML Response

<adminChanges> <count>10</count> <pageNumber>1</pageNumber> <pageSize>50</pageSize> <adminChange>

Required

Optional Optional Optional

Optional

Billing ID of the account for which the web-service is being executed Active/Inactive/Deleted. If not provided, will return all audits. Starting date for limit of audit (Required if toDate is given)  
End date for limit of audit (Required if fromDate is given) Limit number of audits returned at one time. Allowed page sizes: 25, 50, 100, 200, 250. Default value: 50

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image

Results specific to a particular page. Default: first page Administrator role.  
Note: The audits that have account status as Deleted are not returned.

Image Image Image Image Image Image Image Image

Optional

Image Image Image Image Image Image

<updateDate>1492044920000</updateDate> <performedBy>pragagar@in.ibm.com</performedBy> <operationType>UPDATE</operationType> <ipAddress>208.76.135.129</ipAddress> <administrator>

<email>hs.harish@in.ibm.com</email> <username>40005185\_hs.harish</username> <firstName>Harishkumar</firstName> <middleName />

<lastName>H</lastName>  
<address />  
<phone />  
<jobTitle />  
<watchlistSubscription> Yes </watchlistSubscription> <accountStatus>true</accountStatus> <managedUserGroups>All Groups</managedUserGroups> <lastLoginTime>1492044637000</lastLoginTime>

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**322**

<rolesAdded>Administrator</rolesAdded> <rolesDeleted>Help Desk<rolesDeleted> <previousState>

<firstName>Harish</firstName> </previousState>

</administrator> </adminChange>

</adminChanges>

Access Control

Customer Properties: Enable Web Services Access Rights: Read-only

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**Alerts**

**Create Alert**

Request  
POST https://<host>/alert-apis/alerts/2.0/alerts/customer/<billing\_id>

Definition

❖ Create an alert using search criteria

o o

Parameters

billing\_id  
Sample JSON Request

{

Required

Billing ID of the account for which the web-service is being executed

Authorization header: MaaS token=<ADMIN\_AUTH\_MAAS\_TOKEN> Accepts XML or JSON headers

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

"name":"<alert name>",  
"description":"<alert description>",  
"type":"<alert type>",  
"availableFor":"<available for>"  
"deviceStatus" : "<device status>",  
"lastReported" : "<last reported>",  
"criteriaOperator" : "<criteria operator>", "deviceTypes" : [ "device type 1", "device type 2", ..] "conditions" : [

{  
"category" : "<category name>", "attribute" : "<attribute name>", "criteria" : "<criteria>",  
"value1" : "<value 1>",  
"value2" : "<value 2>"

} }

Sample Request Parameters

name description deviceStatus

lastReported

deviceTypes

criteriaOperator

conditions category attribute

criteria

Required Required Optional

Optional Optional Optional

Optional Required Required

Required

Name of the alert being created. Description of the alert being created.

Status of the device being searched for. Default: Active Devices  
Search includes devices last reported in this time. Default: Last 7 Days

Types of devices to include in search. Default: All available types are included  
Decides if the devices meet all or any one condition provided. Default: All Conditions (AND)

Conditions for search criteria, maximum of 10 Category name on which condition is being constructed

Attribute name on which condition is being constructed. Requires the category parameter.  
Criteria to be used for comparison of values. Requires the attribute parameter.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

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value1 value2  
type availableFor

Sample JSON Response

{  
"response": {

Required Optional Optional Optional

Value of the attribute. Requires the criteria parameter and the attribute parameter.  
Second value of the attribute. Use if criteria such as “between” is used.

Type of group being created. Possible values: Security, Info  
Who should receive the alert. Possible values: All Administrators, Only Me

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

"billingId": 40006999, "name": "custAttributeAlert", "responseCode": 0

} }

Response Code Messages

* 0  Alert created successfully
* 1  Unknown error occurred while   
  creating alert
* 2  Alerts are not enabled for this   
  billingId
* 3  Alert name requires at lease

When an alert is created without any errors When an internal error occurs

When alerts are not enabled for the requested user

When an alert name is not provided or provided with empty characters  
When an alert name contains illegal characters

When an alert description contains illegal characters

When an alert description is not provided or provided with empty characters  
When the value provided for the deviceStatus is not "Active Devices","Inactive Devices","All Devices" When an invalid value is provided for lastReported

When the value provided for criteriaOperator provided is not "All Conditions (AND)", "Any Condition (OR)", "Across Conditions (Advanced)"  
When deviceTypes provided contain invalid or unavailable values  
When the number of conditions provided is more than 10  
When an invalid value is provided for category

When an invalid value is provided for attribute When an invalid value is provided for criteria

|  |  |  |
| --- | --- | --- |
| Response code | Message | Scenario |

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

one non-space character

|  |
| --- |
| Alert name does not support the following special characters: ampersand (&),lesser than (<) and greater than (>) |
| Alert description does not support the following special characters: ampersand (&),lesser than (<) and greater than (>) |

4

5

* 6  Alert description requires at lease one non-space character
* 7  Invalid value provided for deviceStatus
* 8  Invalid value provided for lastReported
* 9  Invalid value operator provided for criteriaOperator
* 10  Invalid values provided for deviceTypes
* 11  Number of conditions provided exceed 10
* 12  Invalid value provided for category
* 13  Invalid value provided for attribute
* 14  Invalid value provided for   
  criteria

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* 15  Two values are required for "Between" criteria
* 16  At least one invalid value provided for attribute of type   
  date/timestamp
* 17  At least one invalid value   
  provided for attribute of type   
  number/double
* 18  At least one invalid value   
  provided for attribute of type   
  integer
* 19  No value is provided in   
  condition for comparision
* 20  Second value provided in   
  condition unnecessarily
* 21  Invalid value provided for   
  enum type attribute
* 22  Invalid value provided for boolean type attribute
* 23  Advanced criteriaOperator is not yet supported
* 24  Invalid value provided for availableFor
* 25  Invalid alert type provided

When "Between" criteria is provided, but only one valid value is specified  
When the value for date is not in epoch milliseconds format or empty

When an invalid value is provided for attributes of number/double format

When an invalid value is provided for attributes of Integer format

When at least one value is not provided for comparison in th econdition  
When non "Between" criteria is selected, but a second value is provided

When an enum attribute is selected, but the comparison value provided is not one of the values in enum definition  
When enum attribute is selected, but with a value that is not "Yes" or "No"  
When Advanced search criteria is provided, but it’s not yet available for general use  
When a value other than "Only Me","All Administrators" is provided for availableFor  
When a value other than "Security", "Info" is provided for alertType

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Access Control  
Customer Properties: Enable Web Services, Enable Watch List, Enable New Smart Search

Access Rights: Create Alert

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**Platform-Specific APIs**

**Mac APIs**

**Get GA or Beta Version Details of Mac Apps**

Request

GET https://${services-url}/mac-apis/mac-app- services/v1/generic/customer/{billing\_id}/macAppVersions/{APPS\_REQUIRED}

Definition

* ❖  The agent gets information about all agent versions, including the Packager GA version, MDM Agent GA version, Mac App Catalog GA version, and the Mac App Catalog Beta version if applicable. The Packager GA version is only available if the request is from the Admin.
* ❖  The apps require an integer value, with one value reserved for each app. The parameter is numeric or all the bits required by the apps. The bits reserved for each app:  
  -App Packager: The numeric code is 2.  
  -Mac MDM Agent: The numeric code is 4.   
  -Mac App Catalog: The numeric code is 8.
* ❖  Authorization header: JSON   
  Sample JSON Response   
  {  
  "productDetails": [   
  {  
  "productName": "MAC\_MDM\_AGENT",  
  "type": "GA",  
  "version": "2.30",  
  "manifest": "<?xml version=\"1.0\" encoding=\"UTF-8\"?>\n\n<Module ModuleID=\"1001\"   
  Name=\"MAC\_DEVICE\_MANAGEMENT\_AGENT\" Version=\"1\"> \n <Params>\n   
  <Param Name=\"ID\" Value=\"176029\" />\n  
  <Param Name=\"Url\" Value=\"/macagents/MaaS360\_MAC\_MDM\_Service\_2.30.pkg\" />\n <Param Name=\"BundleId\" Value=\"com.fiberlink.maas360.servicedaemon\" />\n  
  <Param Name=\"BundleVersion\" Value=\"1.60.200.010\" />\n  
  <Param Name=\"CreateDate\" Value=\"10/17/2013 09:27:56\" />\n  
  <Param Name=\"Sha1Checksum\" Value=\"6182b7248e95343ccc24c6a71eb1b74499be4dce\" />\n <Param Name=\"Delay\" Value=\"480\" />\n   
  </Params>\n  
  <Action ActionID=\"OSX000100\_1.01\"/> \n</Module>"   
  },   
  {  
  "productName": "MAC\_APP\_CATALOGUE",  
  "type": "GA",  
  "version": "1.30",  
  "manifest": "<?xml version=\"1.0\" encoding=\"UTF-8\"?>\n\n<Module ModuleID=\"1002\"   
  Name=\"MAC\_APP\_CATALOGUE\" Version=\"1\"> \n <Params>\n   
  <Param Name=\"ID\" Value=\"176029\" />\n  
  <Param Name=\"Url\" Value=\"/macagents/MaaS360\_MAC\_Catalogue.pkg\" />\n  
  <Param Name=\"BundleId\" Value=\"com.fiberlink.maas360.servicedaemon\" />\n  
  <Param Name=\"BundleVersion\" Value=\"1.60.200.010\" />\n  
  <Param Name=\"CreateDate\" Value=\"10/17/2013 09:27:56\" />\n  
  <Param Name=\"Sha1Checksum\" Value=\"6182b7248e95343ccc24c6a71eb1b74499be4dce\" />\n <Param Name=\"Delay\" Value=\"480\" />\n   
  </Params>\n  
  <Action ActionID=\"OSX000100\_1.01\"/> \n</Module>"   
  },   
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{  
"productName": "MAC\_APP\_CATALOGUE",  
"type": "BETA",  
"version": "1.40",  
"manifest": "<?xml version=\"1.0\" encoding=\"UTF-8\"?>\n\n<Module ModuleID=\"1001\"

Name=\"MAC\_DEVICE\_MANAGEMENT\_AGENT\" Version=\"1\"> \n <Params>\n

<Param Name=\"ID\" Value=\"176029\" />\n  
<Param Name=\"Url\" Value=\"/macagents/MaaS360\_MAC\_Catalogue.pkg\" />\n  
<Param Name=\"BundleId\" Value=\"com.fiberlink.maas360.servicedaemon\" />\n  
<Param Name=\"BundleVersion\" Value=\"1.60.200.010\" />\n  
<Param Name=\"CreateDate\" Value=\"10/17/2013 09:27:56\" />\n  
<Param Name=\"Sha1Checksum\" Value=\"6182b7248e95343ccc24c6a71eb1b74499be4dce\" />\n <Param Name=\"Delay\" Value=\"480\" />\n

</Params>\n  
<Action ActionID=\"OSX000100\_1.01\"/> \n</Module>"

},

{  
"productName": "MAC\_PACKAGER",  
"type": "GA",  
"version": "1.40",  
"manifest": "<?xml version=\"1.0\" encoding=\"UTF-8\"?>\n\n<Module ModuleID=\"1001\"

Name=\"MAC\_DEVICE\_MANAGEMENT\_AGENT\" Version=\"1\"> \n <Params>\n

<Param Name=\"ID\" Value=\"176029\" />\n  
<Param Name=\"Url\" Value=\"/macagents/MaaS360\_MAC\_PACKAGER.pkg\" />\n  
<Param Name=\"BundleId\" Value=\"com.fiberlink.maas360.servicedaemon\" />\n  
<Param Name=\"BundleVersion\" Value=\"1.60.200.010\" />\n  
<Param Name=\"CreateDate\" Value=\"10/17/2013 09:27:56\" />\n  
<Param Name=\"Sha1Checksum\" Value=\"6182b7248e95343ccc24c6a71eb1b74499be4dce\" />\n <Param Name=\"Delay\" Value=\"480\" />\n

</Params>\n  
<Action ActionID=\"OSX000100\_1.01\"/> \n</Module>"

} ]

}

The manifest is configurable by the agent. For this example, the manifest is hard-coded. For each agent release, the agent will create two or more files. The first file is the manifest required for MDM installation of the package and the second file is the manifest to be stubbed inside the web-service response listed above.

The relative location of the agent in CDN is decided and name-spaced by the agent team. The CDN URL- prefix, major version, and minor version in the template is substituted by the fabric task.

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**Get Download Location of Mac Apps**

Request

GET https://${services-url}/mac-apis/mac-app- services/v1/generic/customer/{billing\_id}/macApp/{AGENT\_TYPE}/download?manifestOnly=false

Definition

* ❖  Gets the download location of a particular app.
* ❖  The AGENT\_TYPE is one type of the following types: MAC\_MDM\_AGENT, MAC\_APP\_CATALOGUE,   
  MAC\_APP\_PACKAGER
* ❖  If the manifestOnly value is set to true, only the location of the manifest is returned. Any other value   
  returns the location of the app.   
  Sample JSON Response   
  {  
  "downloadUrl": "https://id4services.fiberlink.com/cdn-   
  content/agents/MAC\_APP\_CATALOGUE/AppCatalog\_Signed.pkg"   
  }

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**iOS APIs**

**Set Managed Settings in an iOS Device (v1) - Deprecated**

Request  
POST https://<services-url>/ios-apis/ios-ws/1.0/setDeviceManagedSettings/<billing\_Id>

Definition

❖ Switches cellular roaming settings (data roaming and voice roaming) ON or OFF on the device. ❖ Authorization header: MaaS token=<ADMIN\_AUTH\_MAAS\_TOKEN>  
❖ Content type header: application/x-www-form-urlencoded

Parameters

deviceId isVoiceRoamingEnabled

isDataRoamingEnabled isPersonalHotspotEnabled

Sample Request

Required Optional

Optional Optional

Client serial number of the device  
True: Enables voice roaming. False: Disables voice roaming.  
True: Enables data roaming. False: Disables data roaming.  
True: Enables personal hotspot. False: Disables personal hotspot.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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*https://services.fiberlink.com/ios-apis/ios- ws/1.0/setDeviceManagedSettings/1101234?&deviceId=a2e13fd&isVoiceRoamingEnabled=true&isDataRoa mingEnabled=false*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13fd</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>

Access Control

Customer Properties: Manage iPhones Access Rights: Help Desk Actions

Response Codes

200: Success  
204: Device not enrolled in Account ID  
400: No parameters provided for the roaming settings. At least one of the isVoiceRoamingEnabled and isDataRoamingEnabled parameters should be present in the request as true/false. deviceId is required.

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**Set Managed Settings in an iOS Device (v2)**

Request  
POST https://<services-url>/apple-apis/devices/2.0/setDeviceManagedSettings/customer/<billing\_Id>

Definition

❖ Switches cellular roaming settings (data roaming and voice roaming) and personal hotspot settings ON or OFF on the device.

❖ Authorization header: MaaS token=<ADMIN\_AUTH\_MAAS\_TOKEN> ❖ Content type header: application/json

Parameters

deviceId isVoiceRoamingEnabled

isDataRoamingEnabled isPersonalHotspotEnabled

Sample Request

Required Optional

Optional Optional

Client serial number of the device  
True: Enables voice roaming. False: Disables voice roaming.  
True: Enables data roaming. False: Disables data roaming.  
True: Enables personal hotspot. False: Disables personal hotspot.

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

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*POST https://services.fiberlink.com/apple- api/devices/2.0/setDeviceManagedSettings/customer/1101234*

*Content Type : application/json*

Sample Response

<actionResponse>  
<maas360DeviceID>a2e13fd</maas360DeviceID> <actionStatus>1</actionStatus> ## 0:success; 1:error <actionID>12345</actionID> ##Available only in case of success <description>Description, in case of success/error</description>

</actionResponse>

Access Control

Customer Properties: Manage iPhones Access Rights: Help Desk Actions

Response Codes

200: Success  
204: Device not enrolled in Account ID  
400: No parameters provided for the roaming settings. At least one of the isVoiceRoamingEnabled and isDataRoamingEnabled parameters should be present in the request as true/false. deviceId is required.

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**Get Status of DEP Token**

Request  
GET /apple-api/dep/2.0/customer/<billingID>/token/<tokenID>

Definition

❖ Get DEP service token attributes  
❖ Get status of DEP token  
❖ Authorization header: MaaS token=<ADMIN\_AUTH\_MAAS\_TOKEN> ❖ Content type header: application/json

Parameters

billingID tokenID

sortObj:{}

iDisplayStart

iDisplayLength

Sample Request

Required Required

Billing ID of the account for which the web service is being executed  
Unique DEP token identifier that allows MDM server to securely connect with DEP web service

QueryParam:

List of tokens that are obtained in the response is sorted in ascending or descending based on the tokenName.

Example: sortObj={'tokenName':'desc'}

Note: The queryParam must be URI encoded and added in the request URL.  
QueryParam:

Starting index from which token count begins. Example: iDisplayStart=0  
QueryParam:

Number of tokens to be fetched in the list. Example: iDisplayLength=2

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image

|  |
| --- |
| Required |
| Optional |
| Optional |

*GET https://services.fiberlink.com/apple- api/dep/2.0/customer/30094937/token?sortObj=%7B%27tokenName%27%3A%27desc%27%7D&iDisplayStart =0&iDisplayLength=1*

*Content Type : application/json*

Sample Response

{  
"status": "success", "tokens": {

"offset": 0, "totalLength": 6, "data": [

{  
"lastHardSyncTime": "11/05/2020 11:00 GMT", "tokenId": 70142,  
"tokenName": "Token\_1604574009029", "tokenServerName": "Fiberlink Test - QA 1", "tokenSyncDate": "",

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"tokenDeviceCount": 0,  
"tokenErrorMsg": null,  
"tokenDefaultProfile": "HardningSp1", "tokenExpiryDate": "05/08/2021 07:10 GMT", "tokenUpdateUser": "30152835\_testflk", "tokenUpdateDate": "11/05/2020 11:00 GMT", "isSLCompleteAccess": null,

"isFMA": null, "properties": null, "propertyNames": null

} ]

} }

Mandatory attributes in Response

status tokens

Access Control

Customer Properties: Enable iOS App Store or Enable New App Management workflows Access Rights: DEP (Streamline Enrollment) - Complete Access

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**Get Status of VPP Token**

Request  
GET /apple-api/vpp/2.0/token/customer/<billingId>/tokenId/<tokenid>

Definition

❖ Get VPP service token attributes  
❖ Get status of VPP token  
❖ Authorization header: MaaS token=<ADMIN\_AUTH\_MAAS\_TOKEN> ❖ Content type header: application/json

Parameters

billingId tokenid

Sample Request

Required Required

Billing ID of the account for which the web service is being executed  
Unique VPP token identifier that allows MDM server to securely connect with VPP web service

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required / Optional | Description |

Image Image Image Image Image Image Image Image Image Image Image Image

*GET https://services.fiberlink.com/apple-api/vpp/2.0/token/customer/30094937/tokenId/83327*

*Content Type: application/json*

Sample Response

{  
"tokens":[

{  
"tokenId":53741,  
"tokenName":"dfdd",  
"countryName":"United States",  
"countryCode":"US",  
"tokenExpiryDate":"Mar 19, 2021 12:00:00 AM",  
"licenseSyncTime":"Oct 30, 2020 5:00:05 AM",  
"userCount":228, "existingClientContext":"{\"hostname\":\"fiberlink.com\",\"guid\":\"00000000-01ce-2aec-0000-

00000000d1b0\"}",  
"tokenUpdateTime":"Oct 29, 2020 10:39:14 AM", "tokenStatus":"ACTIVE",

"vppAppConfig":"{\"removeAppMDMRemoval\":1,\"removeAppSelWipe\":1,\"restrictDataBackup\":0,\"remove AppStopDist\":0,\"revokeVPPStopDist\":0,\"isAppApprovalApp\":0}",

"autoImportVppApps":true, "removeOnMDMControlRemoval":true, "removeOnSelectiveWipe":true, "removeOnStopDistribution":false, "revokeVPPOnStopDistribution":false, "restrictBackup":false,  
"appApproval":false, "appsAdditionStatus":"APPS\_ADDITION\_COMPLETED"

} ],

"size":1,

"status":"success" }

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Mandatory attributes in Response

tokens status

Access Control

Customer Properties: Enable iOS App Store or Enable New App Management workflows Access Rights: Admin Auth

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**Change History**

**# Date**

* 1  03/06/2015
* 2  03/06/2015
* 3  03/06/2015
* 4  03/06/2015

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* 1  06/06/2015
* 2  06/06/2015
* 3  06/06/2015
* 4  06/06/2015
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* 6  06/06/2015
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* 9  06/06/2015
* 10  06/06/2015
* 11  06/06/2015
* 12  06/06/2015
* 13  06/06/2015
* 14  06/06/2015
* 15  06/06/2015
* 16  06/06/2015
* 17  06/06/2015
* 18  06/06/2015

**API**

/applications/1.0/getAppDetails/ /devices/1.0/search/ /applications/1.0/addAndroidEnterpriseApp/

/devices/1.0/softwareInstalled/

/devices/2.0/search/

/devices/1.0//locationHistory/ /devices/1.0/getGroups/ /devices/1.0/wipeDevice/ /devices/1.0//hideDevice/ /devices/1.0/updateDeviceCert/

/devices/1.0/searchActionHistory/

/devices/1.0/enrollDevice/

/devices/1.0/manageDeviceEnrollments/ /devices/1.0/policies/

/applications/1.0/getAppDetails

/applications/1.0/getAppDistributionByDevice/ /applications/1.0/upgradeApp

/applications/1.0/upgradeAppPlus/

/applications/1.0/markAsPrimary/ /applications/2.0/addITunesApp/

/applications/1.0/addIOSEnterpriseApp /applications/1.0/addIOSEnterpriseAppPlus

**Type**

Existing Existing Existing

Existing

New

New

New Existing New New

Existing

Existing

Existing Existing

Existing

Existing Existing

New

New New

Existing Existing

**Changes**

Corrected Sample Request in documentation - *appId* instead of *appID*

Support for new Optional search criteria –

*mailboxDeviceId*

Corrected Sample Request in documentation - *addIOSEnterpriseAppPlus* instead of

*appIOSEnterpriseAppPlus*Return additional attribute *Manage Status* for

apps installed on iOS device.

Exclude Cloud Extenders by default Enhanced version of device *search* API.

Returns location history of a device

Returns Groups to which a device belongs to

Support for activation lock bypass for wipe

Hide device action on a device

Action to update Device Certificates issued to a device

Support for optional search criteria - actionStatus, actionBy, actionType , actionTimeFrom & actionTimeTo

Support for specifying custom attribute values when creating enrollment request

Return custom attribute values specified for enrollment requests

Support for filtering by Windows Phone and WorkPlace Persona policy

New attribute in response – appFullVersion

Support to return values for various App attributes set for the App

Support for new Optional search criteria – activeDistribution

Support for specifying App attributes

Support for maintainAsAdditionalVersion parameter

New API to upgrade to Enterprise apps with apk/ipa files greater than 50 MB

Mark a particular version of App as primary

Enhanced version of *addITunesApp* API to support specifying App attributes

Support for specifying App attributes & categories Support for specifying App attributes & categories

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|  |  |  |  |
| --- | --- | --- | --- |
| 03/06/2015 | /devices/1.0/enrollDevice/ | Existing | Support for specifying optional attributes while creating  Enrollment request - enrollWithMdm, workplacePolicy |
|  |  |  |  |

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**336**

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* 20  06/06/2015
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* 24  06/06/2015
* 1  08/11/2015
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* 4  08/11/2015
* 5  08/11/2015

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* 7  08/11/2015
* 8  08/11/2015
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* 15  08/11/2015
* 16  08/11/2015
* 1  10/09/2015
* 2  10/09/2015
* 3  10/09/2015

/applications/2.0/addPlayApp/ New

Enhanced version of *addPlayApp* API to support specifying App attributes

Support for specifying App attributes & categories

New API to add large android enterprise apps greater than 50 MB

Enhancement to return User custom attributes Support for new Optional search criteria - Domain

New API to set user custom attribute values

Action to update User Certificates issued to all devices of a user

New API to assign a Compliance Ruleset for a device

Support to search by phoneNumber and phoneNumber & maaS360DeviceID in the response

Returns User & Device Groups available to the currently logged-in

Administrator  
Returns users in a User Group

Returns various distributions on a User or Device Group

Support for filtering by authType

Return userIdentifier, authType and groupId as additional attributes in response

Add a new Local user account in MaaS360  
Edit an existing Local user account in MaaS360

Add one or more User Groups to a Local user account

Remove one or more User Groups from a Local user account

Returns all user custom attributes defined for an account

Return allocatedSpace & usedSpace attributes in the response

Set allocatedSpace attribute for an account

1. Support for returning only Compliance Events 2. Updated some attributes in response – deviceId, errorDescription

API deprecated & removed from documentation

Search API V2 is released

Added workplace persona policy and compliance keys

Added support for external account IDs

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/applications/1.0/addAndroidEnterpriseApp /applications/1.0/addAndroidEnterpriseAppPlus/

/user/1.0/search/

/user/1.0/setCustomAttributes/ /devices/1.0/updateUserCert/

/devices/1.0/changeRuleSet/ /devices/1.0/manageDeviceEnrollments/

/group-apis/group/1.0/groups/

/user-apis/user/1.0/searchByGroup/ /group-apis/group/1.0/distributions/

/user-apis/user/1.0/search/

/user-apis/user/1.0/addUser/ /user-apis/user/1.0/editUser/ /user-apis/user/1.0/addGroups/

/user-apis/user/1.0/removeGroups/ /user-apis/user/1.0/userAttributes/

/account- provisioning/account/1.0/getCustomerConfig/ /account- provisioning/account/1.0/setCustomerConfig/ /device-apis/devices/1.0/searchActionHistory/

/device- apis/devices/1.0/authenticateAdministrator

/devices/2.0/search/customer/ /devices/1.0/mdSecurityCompliance/

/account- provisioning/account/1.0/getCustomerConfig/

Existing New

Existing

New New

New Existing

New

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New Existing Existing Existing

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| 08/11/2015 | /device-apis/devices/1.0/policies/ | Existing | Support for returning policies defined for OSX MDM service  Return policy precedence as an additional attribute |

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* 1  12/10/2015
* 2  12/10/2015
* 3  12/10/2015
* 4  12/10/2015
* 5  12/10/2015
* 6  12/10/2015
* 1  09/07/2016
* 2  09/07/2016
* 3  09/07/2016
* 4  09/07/2016

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1 10/24/2016

1 01/27/2017

1 02/08/2017

/account- provisioning/account/1.0/setCustomerConfig/ /createCustomerAccount/

/applications/1.0/getAppDetails/

/applications/1.0/distributeApp/ /applications/1.0/upgradeApp/ /applications/1.0/upgradeAppPlus/ /devices/1.0/getEnabledMaaS360Services/

/policymgmt- apis/policies/2.0/enabledServices/customer/ /searchCustomers/

/reporting-apis/bi/1.0/getDashboards/ /reporting-apis/bi/1.0/download/ /reporting-apis/bi/1.0/getReportList/

/device-apis/devices/1.0/assignUserToDevice/

/applications/1.0/distributeApp/

/applications/1.0/upgradeApp/

/account- provisioning/account/1.0/setCustomerConfig/ /createCustomerAccount/

/device-apis/devices/1.0/summary

/account- provisioning/accountreporting/1.0/getUserReport/

/account- provisioning/service/1.0/enableService/ account- provisioning/service/1.0/disableService/

/account- provisioning/service/1.0/getServicesInfo/

/devices/1.0/getDeviceGroups

/account-provisioning/account/1.0/createCustomerAccount /account-provisioning/account/1.0/setCustomerConfig

/account- provisioning/account/1.0/setPartnerAccountConfig

Existing

Existing Existing

Existing Existing Existing Existing Existing

Existing

Existing Existing Existing

New Existing Existing Existing

Existing Existing

New New

New New

Existing

Existing

Existing

Added support for external account IDs

Added support for external account IDs

Added “What’s New, package update time, and screenshot URLs

Added support for Send Notification flag

Added support for “What’s New” information

Added support for “What’s New” information

Added ability to get enabled services for a device

Added ability to get enabled services in a Persona Policy

Added ability to get the list of customers for a Partner

Get list of available customer dashboards Download the detailed report

Added ability to get list of reports for a specified dashboard

Assigns a specified user to a device  
Adds support to distribute a specific version Adds support to upgrade a specific version Added preferred language

Added preferred language Added a Test Device attribute

Get User’s Enabled Services Enable a Service for a Customer

Disable a Service for a Customer Get Customer’s Allowed Services

Deprecated API removed

Added customerVertical parameter.

Updated Sample Request.

**Old Sample Request:**

POST *https://services.fiberlink.com/account-*

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| 09/07/2016 | /ciscoise/mdminfo /ciscoise/devices /ciscoise/batchdevices /ciscoise/action /ciscoise/sendmessage | New | All Cisco ISE integration APIs added |
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| --- | --- | --- | --- |
|  |  |  | *provisioning/account/1.0/setPartnerAccountConfi g/1101234*  **New Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/account/1.0/setPartnerAccountConfi g/ 1101234?partnerBillingId=1101234 &leadNotificationEmail=abc@example1.com&tria lDuratio=75 &adminEULASettings=1&endUserReacceptEULAE nabled=No* |
| 02/08/2017 | /application-apis/applications/1.0/stopAppDistribution/ | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/application- apis/applications/1.0/stopAppDistribution/10072 63*  **New Sample Request:**  POST *https://services.fiberlink.com/application- apis/applications/1.0/stopAppDistribution/10072 63?appType= 1&appId=com.example&targetDevices=0* |

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/device-apis/devices/1.0/getEnabledMaaS360Services/ /device-apis/devices/1.0/computerNetworkInformation/

Existing Existing

Added new Mandatory attributes in Response:

*service*

Added new Mandatory attributes in Response:

|  |  |  |  |
| --- | --- | --- | --- |
| Image |  |  | Image Image Image |

*maas360DeviceID*

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| --- | --- | --- | --- |
| 02/08/2017 | /device-apis/devices/1.0/sendMessage/ | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/sendMessage/1101234/*  **New Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/sendMessage/1101234?deviceId = a1b2c3&messageTitle=message&message=hi* |
| 02/08/2017 | /device-apis/devices/1.0/changeRuleSet/ | Existing | 1. Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/changeRuleset/1001234*  **New Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/changeRuleset/1001234?deviceI d= androidc1a2b3c&rulesetName=foo*  2. Changed parameter name.  **Old parameter name:** *Maas360DeviceID* **New parameter name:** *deviceId* |
| 02/08/2017 | /application-apis/applications/1.0/distributeApp | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/application- apis/applications/1.0/distributeApp/1007263*  **New Sample Request:**  POST *https://services.fiberlink.com/application- apis/applications/1.0/distributeApp/* |

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|  |  |  | *1007263?appType=1&appId=com.example&targe tDevices =0&instantInstall=Yes&sendEmail=yes&sendNotifi cation*  =Yes |
| 02/08/2017 | /application-apis/applications/1.0/markAsPrimary | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/application- apis/applications/1.0/markAsPrimary/1007263*  **New Sample Request:**  POST *https://services.fiberlink.com/application- apis/applications/1.0/markAsPrimary/ 1007263?appType=1&appId=com.example&appV ersion*  *=4.0.1* |
| 02/08/2017 | /user-apis/user/1.0/addUser/customer | Existing | Updated Sample Request.  **Old Sample Request:**  POST */user- apis/user/1.0/addUser/customer/1007463/*  **New Sample Request:**  POST *https://services.fiberlink.com/user- apis/user/1.0/addUser/customer/1007463?userN ame= abc&domain=example.com&email=abc@example .com* |
| 02/08/2017 | /account-provisioning/account/1.0/getCustomerConfig | Existing | 1. Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/account/1.0/getCustomerConfig/110 1234*  **New Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/account/1.0/getCustomerConfig/110 1234? customerBillingId=1101235*  2. Changed Mandatory attributes in Response.  **Old response:** *customerBillingId* **New response:** *billingId* |
| 02/08/2017 | /account-provisioning/account/1.0/extendAccount | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/account/1.0/extendAccount/110123 4*  **New Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/account/1.0/extendAccount/110123 4? customerBillingId=1101235* |
| 02/08/2017 | /account- provisioning/account/1.0/checkAccountNameAvailability | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/account/1.0/checkAccountNameAvai lability/* |

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|  |  |  | *1101234*  **New Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/account/1.0/checkAccountNameAvai lability/ 1101234?accountName=ExampleCo* |
| 02/08/2017 | /account-provisioning/account/1.0/expireAccount | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/account/1.0/expireAccount/1101234*  **New Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/account/1.0/expireAccount/1101234 ? customerBillingId=1101235* |

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* 14  02/08/2017
* 15  02/08/2017
* 16  02/08/2017

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/device-apis/devices/1.0/searchByDeviceGroup/

/device-apis/devices/1.0/packageDistributionHistory/ /device-apis/devices/1.0/locationHistory/

Existing

Existing Existing

Changed Mandatory attributes in Response.

**Old response:** *deviceID***New response:** *maas360DeviceID*

Added new Mandatory attributes in Response:

*maas360DeviceID*

Changed parameter name.

**Old parameter name:** *Maas360DeviceID* **New parameter name:** *deviceId*

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| 02/08/2017 | /device-apis/devices/1.0/enrollDevice/ | Existing | 1. Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/device-apis/ devices/1.0/enrollDevice/1101234/*  **New Sample Request:**  POST *https://services.fiberlink.com/device-apis/ devices/1.0/hideDevice/1101234?userName=exa mple& domain=example.com&emailAddress=abc@exam ple.com*  2. Changed Mandatory attributes in Response.  **Old response:** *Passcode* **New response:** *passcode*  3. Changed parameter name.  **Old parameter name:** *CustomAttributes* **New parameter name:** *customAttributes* |
| 02/08/2017 | /account- provisioning/account/1.0/createCustomerAccount | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/account- provisioning /account/1.0/createCustomerAccount/1101234*  **New Sample Request:**  POST *https://services.fiberlink.com/account- provisioning /account/1.0/createCustomerAccount/1101234? accountType=Customer&accountName=* |

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|  |  |  | *Demo Customer1&adminEmailAddres=abc@example.co m*  Changed Mandatory attributes in Response.  **Old response:**  *billingID,partnerBillingID,adminUsernam*  **New response:**  *billingId,partnerBillingId,adminUserName* |
| 02/08/2017 | /account-provisioning/service/1.0/getServicesInfo | Existing | Updated Sample Request.  **Old Sample Request:**  GET *https://services.fiberlink.com/account- provisioning/ service/1.0/getServicesInfo/1224321*  **New Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/service/1.0/getServicesInfo/1224321* ? *loggedInUserbillingId= 1224321&customerBillingId=1224321* |
| 02/08/2017 | /device-apis/devices/1.0/approveDeviceMessagingSystem | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/approveDeviceMessagingSystem / 1101234*  **New Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/approveDeviceMessagingSystem / 1101234?deviceId=a1b2c3* |
| 02/08/2017 | /device-apis/devices/1.0/selectiveWipeDevice | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/selectiveWipeDevice/1101234/*  **New Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/selectiveWipeDevice/ 1101234?deviceId=a1b2c3* |

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/device-apis/devices/1.0/deviceActions

Existing

Changed parameter name.

**Old parameter name:** *deviceID* **New parameter name:** *deviceId*

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| 02/08/2017 | /device-apis/devices/1.0/locateDevice | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/locateDevice/1101234*  **New Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/locateDevice/1101234?deviceId= a1b2c3* |

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/device-apis/devices/1.0/hideDevice

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Updated Sample Request.

**Old Sample Request:**

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|  |  |  | POST *https://services.fiberlink.com/device- apis/devices/1.0/hideDevice/1101234/*  **New Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/hideDevice/1101234?deviceId=a 2e13f* |

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/device-apis/devices/1.0/hardwareInventory

Existing

Changed Mandatory attributes in Response.

**Old response:** *maas360DeviceID* **New response:** *maas360DeviceId*

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| 02/08/2017 | /application-apis/applications/1.0/addPlayApp | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/application- apis/applications/1.0/addPlayApp/1007263*  **New Sample Request:**  POST *https://services.fiberlink.com/application- apis/ applications/1.0/addPlayApp/ 1007263?appSourceURL= https://play.google.com/store/apps/details?id*= *org.cocos2dx.NautilusCricket2014& removeAppMDMRemoval=Yes&removeAppSelWi pe= Yes&enforceAuthentication=Yes&enforceComplia nce=Yes* |
| 02/08/2017 | /account- provisioning/administrator/1.0/createAdministrator | Existing | 1. Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/administrator/1.0/createAdministrat or/ 1101234*  **New Sample Request:**  POST *https://services.fiberlink.com/account- provisioning/administrator/1.0/createAdministrat or/ 1101234?customerBillingID=1101234&adminUser name= abc&adminEmailAddress=abc@example.com&rol es*= *Help Desk*  2. Changed Mandatory attributes in Response.  **Old response:** *customerBillingID* **New response:** *customerBillingId* |
| 02/08/2017 | /application-apis/applications/1.0/deleteApp | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/application- apis/applicatio ns/1.0/deleteA pp/1007263*  **New Sample Request:**  POST *https://services.fiberlink.com/application- apis/applications/1.0/deleteApp/1007263?appTy pe= 1&appId=com.example* |

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/device-apis/devices/1.0/blockDeviceMessagingSystem

Existing

Updated Sample Request.

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|  |  |  | **Old Sample Request:**  *POST* https://services.fiberlink.com/device- *apis/devices/1.0/blockDeviceMessagingSystem/1 101234/*  **New Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/blockDeviceMessagingSystem/ 1101234?deviceId=a2e13f* |
| 02/08/2017 | /device-apis/devices/1.0/revokeSelectiveWipe | Existing | Updated Sample Request.  **Old Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/revokeSelectiveWipe/1101234/*  **New Sample Request:**  POST *https://services.fiberlink.com/device- apis/devices/1.0/revokeSelectiveWipe/1101234?d eviceId= a1b2c3* |

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31 02/08/2017

1 02/09/2017

1 03/02/2017

* 1  03/24/2017
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* 11  03/24/2017
* 12  03/24/2017

1 04/10/2017

/application-apis/applications/2.0/addPlayApp

/device-apis/devices/1.0/updateCert /user-apis/user/1.0/updateUserCert

/account-provisioning/service/1.0/getServicesInfo

/application-apis/macApps/2.0/addMacAppStoreApp/customer

/application- apis/winApps/2.0/addWindowsDependency/customer

/application- apis/winApps/2.0/addWindowsEnterpriseApp/customer

/application- apis/winApps/2.0/addWindowsEnterpriseEXEApp/customer

/application- apis/winApps/2.0/addWindowsEnterpriseMSIApp/customer

/application-apis/winApps/2.0/addWinStoreApp/customer

/application- apis/winApps/2.0/deleteWindowsDependency/customer

/application- apis/winApps/2.0/downloadWindowsDependency/customer

/application-apis/applications/2.0/getCategoryList/customer

/application- apis/applications/2.0/markAppAsFeatured/customer

/application-apis/applications/1.0/getAppDetails /application-apis/applications/1.0/search

/device-apis/devices/1.0/changeDevicePolicy

Existing Updated Sample Request to:  
POST *https://services.fiberlink.com/application- apis/applications/2.0/addPlayApp/customer/1007 263*

Existing Added Parameter Type (Path/Query/Form) to Parameters table.

Existing Updated sample response with new tag <status> that determines whether the service is enabled or disabled.

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New New API: New New API:

Add Mac App Store App Add Windows Dependency

Add Windows Enterprise App

Add Windows EXE App

Add Windows MSI App

Add Windows Store App Delete Windows Dependency

Download Windows Dependency

Get Category List Mark App as Featured

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Existing Added *appVersionState* and *rawManifestUrl* parameters in response.

Existing Added *appVersionState*, *appIconFullURL*, and *appFullVersion* parameters in response.

Existing Updated *policyName* parameter description. Parameter now supports a persona policy for

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1 04/18/2017 2

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/device-apis/devices/2.0/searchActionHistory

both iOS and Android devices in mixed mode or SPS.

Existing Added version 2 for Search Action History API.

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| 04/18/2017 | /device-apis/devices/1.0/changeDevicePolicy | Existing | Added Persona Policy device support to action definition for Change Device Policy API. |
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| 06/28/2017 | * Get Distributions: /group-apis/group/1.0/distributions/ /customer/<billingId>/group/<groupIdentifier>/type/<distT ype> * Get Admin Login Reports: /account-provisioning- ws/administrator/1.0/getAdminLoginReports/customer/<bi llingId> * Get Roles Audit: /account- provisioning/roles/1.0/getRolesAudit/customer/<billingId> * Get Services Audit: /account- provisioning/service/1.0/getServicesAudit/customer/<billin gId> * Get Deployment Settings Audit: /account- provisioning/settings/1.0/getDeploymentSettingsAudit/cus tomer/<billingId> * Get Login Settings Audit: /account- provisioning/settings/1.0/getLoginSettingsAudit/customer/ <billingId> * Get Notifications Settings Audit: /account- provisioning/settings/1.0/getNotificationSettingsAudit/cust omer/<billingId> | New | Added QRadar integration APIs for 10.62 platform release. |
|  |  |  |  |
| 07/26/2017 | * Provision New Customer Account: /account- provisioning/account/1.0/createCustomerAccount/ <billingID> * Get Customer Account Configuration: /account- provisioning/account/1.0/getCustomerConfig/ <billingID> * Set Customer Account Configuration: /account- provisioning/account/1.0/setCustomerConfig/ <billingID> * Provision New Partner Account: /account- provisioning/account/1.0/createPartnerAccount/ <billingID> | Existing | Added support for optional *country* parameter. |

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2 07/26/2017 3

4 07/26/2017

Create New Device Custom Attribute: /device- apis/devices/2.0/customAttributes/customer/<billingId>

Create Alert: /alert-apis/alerts/2.0/alerts/customer/<billing\_id>

New Added new device web service for 10.63 platform release.

New Added new group web service for 10.63 platform release under new Alerts category.

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| 07/26/2017 | * Create Device Groups: /group- apis/group/2.0/deviceGroups/customer/<billing\_id> * Create User Groups: /group- apis/group/2.0/userGroups/customer/<billing\_id> * Get Search Criteria Options: /group- apis/group/2.0/searchCriteria/customer/<billing\_id> | New | Added new group web services for 10.63 platform release. |

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| 07/26/2017 | * Get GA or Beta Version Details of Mac Apps: /mac- apis/mac-app-  services/v1/generic/customer/{billing\_id}/macAppVersions  /{APPS\_REQUIRED} * Get Download Loaction of Mac Apps: /mac-apis/mac-app-  services/v1/generic/customer/{billing\_id}/macApp/{AGENT \_TYPE}/download?manifestOnly=false | New | Added new Mac web services for 10.63 platform release under new Platform-Specific APIs – Mac APIs category. |

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6 07/26/2017

1 08/07/2017

1 08/10/2017

1 08/17/2017

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/account- Existing provisioning/account/1.0/searchCustomers/<partnerBillingId>

/device-apis/devices/1.0/enrollDevice/<billingID> Existing

Replaced *corporateID* parameter with *corporateId*.

Added new optional parameter:

*authTypePostEnrollment*

Changed IBM QRadar Integration heading to Admin Audit

Added new Device Actions web service for 10.64 platform release: Get All Device Custom Attributes for a Given Organization

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/device- apis/devices/2.0/customAttributes/customer/<billingID>

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| 08/24/2017 | * Delete User Review and Update Rating: /application- apis/applications/2.0/deleteReview/customer/<billingId> * List Featured Apps and Bundles Info: /application- apis/applications/2.0/deleteReview/customer/<billingId> * List Apps Bundles with their Apps Info: /application- apis/applications/2.0/getAppBundlesWithApps/customer/< billingId> * Fetch All the Reviews: /application- apis/applications/2.0/getAllReviews/customer/<billingId> |  | Added new App Catalog web services for 10.64 platform release. |
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1 09/25/2017 2

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4 09/25/2017

Extend Trial Account: /account- provisioning/account/1.0/extendAccount/<billingId>

Existing

Added support for expired accounts and changed the values of the days parameter.

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| 09/25/2017 | * Delete User: user- apis/user/2.0/users/customer/<billingId>/user/<userIdenti fier> * Delete User Status: user- apis/user/2.0/deleteUserStatus/customer/<billingId>/user/ <userIdentifier> | New | Added new User web services for 10.64 platform release. |
| 09/25/2017 | * Get Partner Account Configuration: /account-provisioning/ account/1.0/getPartnerAccountConfig/<billingId> * Set Partner Account Configuration: /account-provisioning/ account/1.0/setPartnerAccountConfig/<billingId> | Existing | Added new parameter: *country* |

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Create Device Enrollment: /device-apis/ devices/1.0/enrollDevice/<billingID>

Existing

Added two new parameters for Android for Work enrollment: *useAndroidWork* and *androidWorkAccountType*

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10/04/2017

Enable a Service for a Customer: /account- provisioning/service/1.0/enableService/ <billingID>?<serviceKey>*&<*customerBillingId*>*

Existing

* Removed DTM\_C from Parent Service key column for the following service keys: MAC , WINDOWS\_DTM\_C , UNIX, MAC\_V, DV
* Added WINDOWS\_DTM\_C as a parent for the following service keys:

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* Disable a Service for a Customer: /account- provisioning/service/1.0/disableService/ <billingID>?<serviceKey>*&<*customerBillingId>
* Get Customer’s Allowed Services: /account- provisioning/service/1.0/getServicesInfo/< loggedInUserbillingId>?<parameters>

INT\_DTM\_LOCATE\_C, INT\_DTM\_BIGFIX\_C, WINDOWS\_ENROLLMENT\_MODE

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01/02/2018

Set Device Name: /device- apis/devices/1.0/setDeviceName/<billingID>

Existing

Changed API type from GET to POST.

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01/03/2018

Search Devices by Device Group: /device- apis/devices/1.0/searchByDeviceGroup/<billingID>

Existing

Added two new parameters: sortAttribute and sortOrder.

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02/01/2018

Get Network Information for a Mobile Device: /device- apis/devices/1.0/mdNetworkInformation/<billingID>

Existing

Added Current MCC, Subscriber MCC, Current MNC, Subscriber MNC to the sample response.

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02/01/2018

* Basic Search (v1): /device- apis/devices/1.0/search/<billingID>
* Basic Search (v2): /device- apis/devices/2.0/search/customer/<billingID>

Existing

Added isSupervisedDevice to the sample response.

02/01/2018

Wipe Device: /device-apis/devices/1.0/wipeDevice/<billingID>

Existing

Added a new parameter to request: preserveDataPlan

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02/13/2018

Get Cellular Data Usage for a Device: /device- apis/devices/1.0/cellularDataUsage/<billingID>

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Configure Device Enrollment Settings: /provisioning- apis/provisioning/1.0/configureDeviceEnrollSettings/<billingID>

Existing

Updated sample response with correct version that uses decimals in integer values.

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03/12/2018

Existing

Fixed typo in sample request.

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03/13/2018

Authentication section on page 8

Existing

Added Content-Type information.

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03/13/2018

General content cleanup

Existing

Replaced two instances of Fiberlink Support with IBM Support.

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03/14/2018

* Upgrade App (apps smaller than 50 MB): /application- apis/applications/1.0/upgradeApp/<billingID>
* Upgrade App (apps larger than 50 MB): /application- apis/applications/1.0/upgradeAppPlus/<billingID>
* Add iTunes App Store App (v1): /application- apis/applications/1.0/addITunesApp/<billingID>
* Add iTunes App Store App (v2): /application- apis/applications/2.0/addITunesApp/<billingID>
* Add iOS Enterprise App (apps smaller than 50 MB): /application-   
  apis/applications/1.0/addIOSEnterpriseApp/<billingID>

Existing

Added isAppApprovalApp parameter that indicates whether the app has gone through the approval process.

1. If the ENABLE\_APP\_APPROVAL\_PROCESS   
   customer property is mandatory, then this parameter does not need to be added (since this functionality is built into the customer property and apps will always be added to the App Approval workflow.)
2. If the ENABLE\_APP\_APPROVAL\_PROCESS customer property is optional, then possible values: Yes (app is added to App Approval workflow), No (app is added directly to the production catalog). If the isAppApprovalApp

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Image Image Image

* Add iOS Enterprise App (apps more than 50 MB): /application-   
  apis/applications/1.0/addIOSEnterpriseApp2/<billingID>
* Add Google Play App (v1): /application-   
  apis/applications/1.0/addPlayApp/<billingID>
* Add Google Play App (v2): /application-   
  apis/applications/2.0/addPlayApp/<billingID>
* Add Android Enterprise App (apps smaller than 50 MB):   
  /application-   
  apis/applications/1.0/addAndroidEnterpriseApp/<billingId>
* Add Android Enterprise App (apps larger than 50 MB):/   
  application- apis/applications/1.0/addAndroidEnterpriseAppPlus/<billin gId>

parameter is not present, then the app is

added to the production catalog.  
3. If the ENABLE\_APP\_APPROVAL\_PROCESS

customer property is disabled, then the app is always added to the production catalog.

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03/28/2018

Get App Details: /application- apis/applications/1.0/getAppDetails/<billingID>

Existing

Added optional isAppApprovalApp parameter that places all apps in the IN\_REVIEW state to be reviewed before the apps are added to the App Approval workflow.

Image Image Image Image Image Image Image Image

* Add iTunes App Store App (v1): /application- apis/applications/1.0/addITunesApp/<billingID>
* Add iTunes App Store App (v2): /application- apis/applications/2.0/addITunesApp/<billingID>
* Add iOS Enterprise App (apps smaller than 50 MB): /application-   
  apis/applications/1.0/addIOSEnterpriseApp/<billingID>
* Add iOS Enterprise App (apps more than 50 MB):   
  /application- apis/applications/1.0/addIOSEnterpriseApp2/<billingID>

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03/28/2018

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

Get Summary Attributes: /device- apis/devices/1.0/summary/<billingID>

Existing

Added optional parameters: removeAppMDMRemoval, removeAppSelWipe, removeAppStopDist, revokeVPPStopDist

Image Image

04/03/2018

Create Device Group Refresh Request: /group- apis/group/2.0/deviceGroupRefreshRequest/customer/<billing \_id>

New

Added details for new web service introduced in the MaaS360 10.67 Platform Release.

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04/10/2018

* Delete User: /user- apis/user/2.0/users/customer/<billingId>/user/<userIdenti fier>
* Delete User Status: /user- apis/user/2.0/deleteUserStatus/customer/<billingId>/user/ <userIdentifier>

Existing

For Delete User and Delete User Status, fixed typo in Request URL.  
For Deleter User, removed Sample Request and Sample Response sections that contained wrong information.

Image Image

04/16/2018

Get Core Attributes: /device-apis/devices/1.0/core/<billingID>

Existing

Updated sample responses for <installedDate>, <lastReported>, and <mailboxLastReported>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Existing

Updated sample responses for Intsalled Date (GMT) and Last Policy Updated Date (GMT).

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Get Hardware Inventory: /device- apis/devices/1.0/hardwareInventory/<billingID>

Existing

Updated sample response for Activation Date (GMT).

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04/16/2018

Get Devcie Identity Attributes: /device- apis/devices/1.0/identity/<billingID>

Existing

Updated sample responses for<purchaseDate> and <warrantyExpirationDate>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Get Software Installed: /device- apis/devices/1.0/softwareInstalled/<billingID>

Existing

Updated sample response for <lastSoftwareDataRefreshDate>.

Image Image Image Image Image Image Image Image

04/16/2018

Get Security & Compliance Information for a Mobile Device: /device-apis/devices/1.0/mdSecurityCompliance/<billingID>

Existing

Updated sample responses for Last Policy Updated and Jailbreak Detection Date (GMT).

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04/16/2018

Get Security Applications Information: /device- apis/devices/1.0/securityApplications/<billingID>

Existing

Updated sample responses for Installed Date, Anti-Virus Definition Date, and Anti-spyware Definition Date.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Get Application Distributions: /device- apis/devices/1.0/packageDistributionHistory/<billingID>

Existing

Updated sample response for <distributionDate>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Get Device Location History for a Device: /device- apis/devices/1.0/locationHistory/<billingID>

Existing

Updated sample response for <locatedTime>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Get Groups for a Device: /device- apis/devices/1.0/getGroups/<billingID>

Existing

Updated sample response for <lastEvaluatedDate>.

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04/16/2018

Locate Device: /device- apis/devices/1.0/locateDevice/<billingID>

Existing

Updated sample response for <locatedTime>.

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04/16/2018

Check Action Status: /device- apis/devices/1.0/checkActionStatus/<billingID>

Existing

Updated sample response for <actionExecutionTime>.

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04/16/2018

Search Action History: /device- apis/devices/1.0/searchActionHistory/<billingID>

Existing

Updated sample response for <actionExecutionTime>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Manage Device Enrollments: /device- apis/devices/1.0/manageDeviceEnrollments/<billingID>

Existing

Updated sample responses for <requestDate> and <registrationDate>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Get User & Device Groups: /group- apis/group/1.0/groups/customer/<billing\_id>

Existing

Updated sample responses for <createdOn> and <lastModifiedOn>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Search Devices by Device Group: /device- apis/devices/1.0/searchByDeviceGroup/<billingID>

Existing

Updated sample responses for <installedDate>, <lastReported>, and <mailboxLastReported>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Search Users by Group: /user- apis/user/1.0/searchByGroup/customer/<billingID>/groupIdent ifier/<groupID>

Existing

Updated sample responses for <createDate> and <updateDate>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Search by WatchList: /device- apis/devices/1.0/searchByWatchList/<billingID>

Existing

Updated sample responses for <installedDate>, <lastReported>, and <mailboxLastReported>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Get Relevant Policies for a Service: /device- apis/devices/1.0/policies/<billingID>

Existing

Updated sample responses for <lastModifiedDate> and <lastPublishedDate>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Search Compliance Events: /device- apis/devices/1.0/searchComplianceEvents/<billingID>

Existing

Updated sample response for <actionExecutionTime>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Get Customer Account Configuration:

Existing

Updated sample responses for <trialExpiryDate> and <creationDate>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Get Customer Accounts: /account- provisioning/account/1.0/searchCustomers/<partnerBillingId>

Existing

Updated sample responses for <creationDate>, <trialExpiryDate>, and <customerConversionDate>.

Image Image Image Image Image Image Image Image Image Image

04/16/2018

Upload Apple MDM Certificate: /provisioning- apis/provisioning/1.0/uploadAppleMDMCert/<billingID>

Existing

Updated sample response for <certExpiryDate>.

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04/19/2018

Application Publication Workflow (for App Ecosystem Partners only):

* Get the List of App Events Pending for Review: /application-   
  apis/appApproval/2.0/getAppsPendingReview/customer/<   
  billingID>/vendor/<vendorOfferingId>?<timestamp>
* Get Details of Each App that is Pending for Scan:   
  /application- apis/appApproval/2.0/getAppDetailsForReview/customer/ <billingID>/review/<reviewId>
* Get Binary of the App Pending for Review: /application- apis/appApproval/2.0/getAppBinaryForReview/customer/< billingID>/review/<reviewId>
* Submit the App and Results of the Scan: /application- apis/appApproval/2.0/submitAppReviewResults/customer/ <billingID>/review/<reviewId>

New

Added new APIs for Application Publication Workflow (for App Ecosystem Partners only) introduced in the MaaS360 10.67 Platform Release.

Image Image Image Image Image Image Image Image Image Image

04/23/2018

Set Managed Settings in an iOS Device: /ios-apis/ios- ws/1.0/setDeviceManagedSettings/<billing\_Id>

New

Added new iOS APIs introduced in the MaaS360 10.67 Platform Release.

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04/26/2018 Get App Details: Changed appType: Optional Required Existing Made *appType* parameter required.

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04/30/2018 Added sample response and response code to Authentication Existing Updated content in Authentication section on section page 8. page 8.

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05/02/2018 Create Device Group Refresh Request: /group- Existing Updated Request URL and added a Sample apis/group/2.0/deviceGroupRefreshRequest/customer/<billing Request.  
\_id>

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05/04/2018 Get Admin Changes Audit: account- Existing Added *role* parameter. provisioning/administrator/1.0/getAdminChangesAudit/custom  
er/<billingId>

Image Image Image Image Image Image Image Image Image Image

05/04/2018 Get Partner Account Configuration: /account- Existing Removed *country* parameter. API does not use provisioning/account/1.0/getPartnerAccountConfig/<billingId> this parameter.

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05/08/2018 Set Managed Settings in an iOS Device: /ios-apis/ios- Existing Added optional *isPersonalHotspotEnabled* ws/1.0/setDeviceManagedSettings/<billing\_Id> parameter.

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

05/11/2018 Configure Device Enrollment Settings: /provisioning- Existing Fixed typo in Sample response for the status tag: apis/provisioning/1.0/configureDeviceEnrollSettings/<billingID> changed *Success* to *success*.

05/11/2018 •

Windows Scripts Upload: /application- New apis/winApps/2.0/addWindowsEnterpriseScripts/customer /<billingId>

Added Windows APIs for MaaS360 10.68 Platform Release.

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• Windows Downloadable Add: /application- apis/winApps/2.0/addWindowsEnterpriseDownloadableFil es/customer/<billingId>

Image Image Image Image Image Image Image Image Image Image

05/16/2018 Get Device Location History: /device- Existing Added optional *returnAddresses* parameter. apis/devices/1.0/locationHistory/<billingID>

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

05/18/2018 Search Users by Group: /user- Existing Fixed typo in parameter table: changed *groupID* apis/user/1.0/searchByGroup/customer/<billingID>/groupIdent to *groupIdentifier*.  
ifier/<groupID>

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06/11/2018 • Add iTunes App Store App (v1): /application- Existing apis/applications/1.0/addITunesApp/<billingID>

• Add iTunes App Store App (v2): /application- apis/applications/2.0/addITunesApp/<billingID>

Added optional *appId* and *bundleID* parameters, including rules for adding apps using *appName*, *appId*, *bundleID*.

Image Image Image Image Image Image

06/15/2018 Update Device Certificate: /device- Existing Added optional *listOfTemplateNames* parameter. apis/devices/1.0/updateCert/<billingID>

Image Image Image Image Image Image Image Image

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07/19/2018 •

Block Device in Messaging System: /device-

Existing

Updated *actionID* value and description.

apis/devices/1.0/blockDeviceMessagingSystem/<billingID>

* Approve Device in Messaging System: /device-   
  apis/devices/1.0/approveDeviceMessagingSystem/<billingI   
  D>
* Refresh Device Information: /device-   
  apis/devices/1.0/refreshDeviceInformation/<billingID>
* Locate Device: /device-   
  apis/devices/1.0/locateDevice/<billingID>

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08/14/2018

Set Managed Settings in an iOS Device (v1): /ios-apis/ios- ws/1.0/setDeviceManagedSettings/<billing\_Id>

Existing

For 10.71 platform release, API will be deprecated and replaced with Set Managed Settings for iOS Devices (v2).

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08/14/2018

Set Managed Settings for iOS Devices (v2): /apple- api/devices/2.0/setDeviceManagedSettings/customer/<billing\_ Id>

New

For 10.69 platform release, replaces the deprecated Set Managed Settings in an iOS Device (v1) API.

Image Image Image

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08/14/2018

* Upgrade App (apps smaller than 50 MB): /application- apis/applications/1.0/upgradeApp/<billingID>
* Upgrade App (apps larger than 50 MB): /application- apis/applications/1.0/upgradeAppPlus/<billingID>

Existing

Added optional *description* parameter.

08/14/2018

Add Groups to Local User Account: /user- apis/user/1.0/addGroups/customer/<billingID>/user/<user\_ide ntifier>

Existing

Added example of *groupIds* parameter to Sample Request.

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

08/17/2018

Delete User: /user- apis/user/2.0/users/customer/<billingId>/user/<userIdentifier>

Existing

Fixed a typo in one of the HTTP Status Codes.

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08/31/2018

See changes column for more info.

Existing

Fixed minor typos in the following parameters:

* instantInstall parameter in the api Add Android Enterprise App (apps smaller than 50 MB) should be mentioned as Required instead of Optional
* instantInstall parameter in the api Add Android Enterprise App (apps larger than 50 MB) should be mentioned as Required instead of Optional
* In Add iTunes App Store App(V1) Api Parameter Name bundleID should be bundleId
* In Add iTunes App Store App(V2) Api Parameter Name bundleID should be bundleId
* In Add Google Play App(V2) Api Request is POST /application- apis/applications/2.0/addPlayApp/<billingID> but, it should be POST /application- apis/applications/2.0/addPlayApp/customer/ <billingID>
* In Search Apps(V2) Api Request is GET /application-   
  apis/applications/2.0/search/<billingId>but, it should be GET /application- apis/applications/2.0/search/customer/<billi ngID>
* In Get App Details(V2) Api Request is GET /application-   
  apis/applications/2.0/getAppDetails/<billingI D> but, it should be GET /application- apis/applications/2.0/getAppDetails/custome r/<billingID>
* In Add iTunesApp Store App(V2) Api Request is POST /application- apis/applications/2.0/addITunesApp/<billingI D> but, it should be POST /application- apis/applications/2.0/addITunesApp/custom er/<billingID>
* In List Apps Bundles with their Apps Info Api Request is GET

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Image Image Image

applications/2.0/getAppBundlesWithApps/cu stomer/<billingId>but, it should be GET /application- apis/applications/2.0/getBundlesWithApps/c ustomer/<billingId>

* Add Android Enterprise App (apps smaller than 50 MB) : the sampleresponse and mandatory attributes in response should not contain appUploadRequestId
* Windows Scripts Upload: needs to have a required parameter appIcon
* Windows Downloadable Add: Sample Response is mistyped, it is Sample Request
* Default Page size in the following apis should be mentioned as 25 instead of 50:  
  Search Installed Apps  
  Search Apps (v1)   
  Search Apps (v2)  
  Search App Distributions (v1)  
  Search App Distributions (v2)  
  Get App Distribution Details by Device
* Description of pageSize for the following apis: Search Installed Apps - Description should be "Limit number of Applications......"   
  Search Apps (v1) - Description should be "Limit number of Applications......"  
  Search Apps (v2) - Description should be "Limit number of Applications......"  
  Search App Distributions (v1) - Description should be "Limit number of Application Distributions......"   
  Search App Distributions (v2) - Description should be "Limit number of Application Distributions......"
* Search Apps (v2), update the sample request url to   
  *https://services.fiberlink.com/application- apis/applications/2.0/search/customer/1101 234?appName=webex&appType=3&status=a ctive&pageSize=25&pageNumber=2*
* In Get App details (v2), update the sample request url to   
  *https://services.fiberlink.com/application- apis/applications/2.0/getAppDetails /customer/1101234?appId=com.example&ap pType=2*
* In List Apps Bundles with their Apps Info, Update Request to GET /application- apis/applications/2.0/getBundlesWithApps/c ustomer/<billingID> and sample request url to "https://services.fiberlink.com/application- apis/applications/2.0/getBundlesWithApps/c ustomer/1007263"

Image Image Image Image Image Image Image Image Image Image

09/13/2018

Add Android Enterprise App (apps smaller than 50 MB): /application- apis/applications/1.0/addAndroidEnterpriseApp/<billingId>

Existing

Fixed typo in parameter description; changed *exceeds* to *does not exceed*.

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09/18/2018

Add Android Enterprise App (apps smaller than 50 MB): /application- apis/applications/1.0/addAndroidEnterpriseApp/<billingId>

Existing

Changed *restrictDataBackup* parameter description from Optional to Required.

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09/24/2018

* Add iTunes App Store App (v1): /application- apis/applications/1.0/addITunesApp/<billingID>
* Add iTunes App Store App (v2): /application- apis/applications/2.0/addITunesApp/<billingID>

Existing

Added *415 Unsupported Media Type* error code.

Image Image Image Image Image Image Image Image Image Image

11/22/2018

Search Devices by Device Group: /device- apis/devices/1.0/searchByDeviceGroup/<billingID>

Existing

Changed *unifiedTravellerId* parameter description from Supported on iOS only to Applicable to all devices.

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01/08/2019

Search Users: /user-apis/user/1.0/search/<billingID>

Existing

Fixed a typo in the parameter table.

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02/06/2019

Mark App as Featured: /applications- api/applications/2.0/markAppAsFeatured/customer/<billingId>

Existing

Changed possible values for *featuredBannerStyle* parameter:  
-Old values: 1: Basic, 2: Detailed  
-New values: 0: Basic, 1: Detailed

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02/13/2019

Search Compliance Events: /device- apis/devices/1.0/searchComplianceEvents/<billingID>

Existing

Changed Access Rights values:  
-Old value: Access Rights: Rules – Read-only -New value: Access Rights: Managed Policies

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

02/20/2019

Set Device Name: /device- apis/devices/1.0/setDeviceName/<billingID>

Existing

Fixed a typo. Changed *deviceID* to *deviceId*.

Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image Image

04/09/2019

Add Windows Dependency:/application- apis/winApps/2.0/addWindowsDependency/customer/<billingI d>

Existing

In the form data, changed the Part Name from *appSource* to *dependency1*.

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04/09/2019

* Provision New Partner Account: /account- provisioning/account/1.0/createPartnerAccount/<billingID >
* Provision New Customer Account: /account- provisioning/account/1.0/createCustomerAccount/<billingI D>
* Check Account Name Availability: /account- provisioning/account/1.0/checkAccountNameAvailability/< billingId>
* Convert Trial into Customer Account: /account- provisioning/account/1.0/convertToCustomer/<billingId>
* Set Partner Account Configuration: /account- provisioning/account/1.0/setPartnerAccountConfig/<billing Id>
* Extend Trial Account: /account- provisioning/account/1.0/extendAccount/<billingId>
* Set Customer Account Configuration: /account- provisioning/account/1.0/setCustomerConfig/<billingId>
* Expire an Account: /account- provisioning/account/1.0/expireAccount/<billingId>

Existing

Added new access control *Account Actions Control* to Access Rights.

04/09/2019

Edit a Local User Account: /user- apis/user/1.0/editUser/customer/<billingID>/user/<user\_identi fier>

Existing

Updated Sample Response *description* text to: User account updated successfully.

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04/09/2019

Modify Users: /group- apis/group/1.0/users/customer/<billingId>/group/<groupIdenti fier>

New

New API introduced in the MaaS360 10.73 release to add multiple users to a group.

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04/22/2019

* Update App Info (V2): /application- apis/2.0/updateAppInfo/customer/<billingId>
* App Details: /applications/2.0/appDetails/customer/<billingId>
* App Screenshots: /applications/2.0/appScreenshots/customer/<billingId>
* Featured App: /applications/2.0/featuredApp/customer/<billingId>
* Find Apps: /applications/2.0/apps/customer/<billingId>

New

New API introduced in MaaS360 as a part of DD STO-96239.

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04/25/2019

* Stop App Distribution: /application- apis/applications/1.0/stopAppDistribution/<billingID>
* Search App Distributions (v1): /application- apis/applications/1.0/searchDistributions/<billingID>
* Search App Distributions (v2): /application- apis/applications/2.0/searchDistributions/<billingID>

Existing

Added optional *appVersion* parameter.

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05/22/2019

• Get Admin Login Reports:/account- provisioning/administrator/1.0/

getAdminLoginReports/customer/<billingId>

Existing

Updated application name:  
Old: /account-provisioning- ws/administrator/1.0/getAdminLoginReports/cus tomer/<billingId>  
New: /account- provisioning/administrator/1.0/getAdminLoginRe ports/customer/<billingId>

Image Image Image Image Image Image

05/28/2019

Basic Search (v2): /device- apis/devices/2.0/search/customer/<billingID>

Existing

Added *enrollmentMode* parameter to sample response.

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06/28/2019

Migrate to Work Profile /device- apis/devices/1.0/migrateToWorkProfile/<billingID>/

New

New API introduced to migrate individual devices from Device Admin to Work Profile (Profile Owner) mode.

2

06/28/2019

Basic Search (v2): /device- apis/devices/2.0/search/customer/<billingID>

Existing

Added *osVersion*, *lastMdmRegisteredInEpochms*, *lastRegisteredInEpochms*, *firstRegisteredInEpochms* parameters to sample response.

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09/19/2019

* Distribute App: /application- apis/applications/1.0/distributeApp/<billingID>
* Delete App: /application- apis/applications/1.0/deleteApp/<billingID>
* Stop App Distribution: /application- apis/applications/1.0/stopAppDistribution/<billingID>
* Mark App as Primary: /application- apis/applications/1.0/markAsPrimary/<billingID>

Existing

Added new parameter *winPkgType* and possible values for the parameter.

Image Image Image Image Image Image

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09/19/2019

• Add iOS Enterprise App (apps smaller than 50 MB): /application-

apis/applications/1.0/addIOSEnterpriseApp/<billingID>

Existing

Replaced *removeAppMDMRemoval*, *removeAppSelWipe*, *removeAppStopDist* parameters with *removeAppOnMDMRemoval*, *removeAppOnSelectiveWipe*, and *removeAppOnStopDistribution*, respectively.

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Image Image Image

• Add iOS Enterprise App (apps more than 50 MB): /application-

apis/applications/1.0/addIOSEnterpriseApp2/<billingID>

Image Image Image Image Image Image Image Image Image Image

12/17/2019

Search Users: GET /user-apis/user/1.0/search/<billingID>

Existing

Added *passwordExpiryDate* parameter to Sample Response.

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12/19/2019

* Search Apps (v1): /application- apis/applications/1.0/search/<billingId>
* Search Apps (v2): application- apis/applications/2.0/search/customer/<billingId>
* Get App Details (v1): /application- apis/applications/1.0/getAppDetails/<billingID>
* Get App Details (v2): /application- apis/applications/2.0/getAppDetails/customer/<billingID>
* Add iTunes App Store App (v1): /application- apis/applications/1.0/addITunesApp/<billingID>
* Add iTunes App Store App (v2): /application- apis/applications/2.0/addITunesApp/customer/<billingID>
* Upgrade App (apps smaller than 50 MB): /application- apis/applications/1.0/upgradeApp/<billingID>
* Upgrade App (apps larger than 50 MB): /application- apis/applications/1.0/upgradeAppPlus/<billingID>
* Mark App as Primary: /application- apis/applications/1.0/markAsPrimary/<billingID>

Existing

Updated values for *instantUpdate* parameter.

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01/08/2020

Device Enrollment: /device- apis/devices/1.0/enrollDevice/<billingID>

Existing

Added Seamless passcode details in the paramaters description.

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05/20/2020

Add Windows Exe App: /application- apis/winApps/2.0/addWindowsEnterpriseEXEApp/customer/<bi llingId>

Existing

Updated the sample request value.

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06/03/2020

Deactivate Administrator: /account- provisioning/administrator/1.0/deactivateAdminbyEmailAddres s/<loggedInbillingId>

New

New API to activate or deactivate a portal administrator.

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07/02/2020

Basic Search (v2): GET /device- apis/devices/2.0/search/customer/<billingID>

Existing

Removed RPAS mailbox support.

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07/22/2020

Distribute App: POST /application- apis/applications/1.0/distributeApp/<billingID>

Existing

Added new field *licenseType* and its values.

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07/23/2020

Basic Search (v2): GET /device- apis/devices/2.0/search/customer/<billingID>

Existing

Added *platformSerialNumber* to the sample response.

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09/08/2020

Get Security & Compliance Information for a Mobile Device: GET /device- apis/devices/1.0/mdSecurityCompliance/<billingID>

Existing

Added new *One Lock Status* custom attribute.

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09/11/2020

Search Apps (v1): GET /application- apis/applications/1.0/search/<billingId>

Existing

Added new field *lastUpdatedBy*, its description, and sample response.

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09/11/2020

Search Apps (v2): GET /application- apis/applications/2.0/search/customer/<billingId>

Existing

Added new field *lastUpdatedBy*, its description, and sample response.

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11/18/2020

Distribute App: POST /application- apis/applications/1.0/distributeApp/<billingID>

Existing

Added 3 optional parameters that are valid for *appType* 12: Windows Package Applications: *startDate*, *startTime*, *distributeOver*.

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11/30/2020

Get User/Device Group Changes Audit: GET /group- apis/group/1.0/getGroupAudit/customer/<billingId>

Authentication 2.0: POST /auth- apis/auth/2.0/refreshToken/customer/<billingId>

Existing

* Combined Get User Group Changes Audit and Get Device Group Changes Audit to Get User/Device Group Changes Audit.
* Updated webservice URL path and added a Sample URL.

Image Image Image

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12/04/2020

Mark Device as Lost: POST /devices/2.0/customer/<billingId>/device/<deviceId>/action

Mark Device as Found: POST /devices/2.0/customer/<billingId>/device/<device Id>/action

New

Added new APIs that can be used to to mark a device as lost and mark a device as found.

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12/04/2020

Wipe Device: POST /device- apis/devices/1.0/wipeDevice/<billingID>

Remove Device: POST /device- apis/devices/1.0/removeDevice/<billingID>

Existing

Added a new parameter *wipeMode*.

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12/04/2020

Add Local User Account: POST /user- apis/user/1.0/addUser/customer/<billingID>

Edit a Local User Account: PUT /user- apis/user/1.0/editUser/customer/<billingID>/user/ <user\_identifier>

Existing

Added a new parameter *managedAppleId*.

12/04/2020

New

Added new API Auth 2.0 to get a new authentication token.

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12/04/2020

Get Status of DEP Token: GET /apple- api/dep/2.0/customer/<billingID>/token/<tokenID>

New

Added new API to get the status of a DEP token.

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12/04/2020

Get Status of VPP Token: GET /apple- api/vpp/2.0/token/customer/<billingId>/tokenId/<tokenid>

New

Added new API to get the status of a VPP token.

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01/27/2021

Authentication 2.0: POST /auth- apis/auth/2.0/refreshToken/customer/<billingId>

Existing

Added details on Administrator user name to be used during token generation.

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01/27/2021

Authentication 1.0: POST /auth- apis/auth/1.0/authenticate/<billingId>

Existing

Updated description of Administrator user name to be used during token generation.

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02/02/2021

Manage Device Enrollments: GET /device- apis/devices/1.0/manageDeviceEnrollments/<billingID>

Existing

Added usage note to *status* parameter.

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03/02/2021

Edit a Local User Account: PUT /user- apis/user/1.0/editUser/customer/<billingID>/user/<user\_identi fier>

Existing

Added *authType* parameter.

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03/04/2021

Download Report Details: GET /reporting- apis/bi/1.0/download/{billingId}/{dashboardCode}{reportCode}

Existing

* Added *lastReported, pageSize*, *startRecord*, *paginate* parameters.
* Added additional information to the Description section.

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03/10/2021

Locate Device Marked as Lost: POST /devices/2.0/customer/<billingId>/device/<deviceId>/action

New

Added new API to locate iOS devices that are marked as lost.

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06/11/2021

Get User and Device Groups: GET /group-apis/group/1.0/groups/customer/<billing\_id>

Existing

Added additional description on MaaS360 defined groups availability only if there are active distributions.

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06/11/2021

Download Windows Dependency: GET /application- apis/winApps/2.0/downloadWindowsDependency/customer/< billingId>

Existing

Added new error message DEPENDENCY\_NOT\_PRESENT for 200 response code if a dependency is not present.

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09/09/2021

Authentication 2.0 APIs on *page 12*.

Existing

Added Authentication token validation error scenarios to the Authentication 2.0 APIs.

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12/02/2021

Get Audit of Policy Changes: GET /policymgmt- apis/policies/2.0/getPolicyChangesAudit/customer/<billingID>

New

Added new API to get audit of all the policy changes that were made to a billing ID of an organization.

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12/06/2021

Add Local User Account: POST /user- apis/user/1.0/addUser/customer/<billingID>

Existing

Added new authType parameter to enable customers to pass configured authentication types in the API.

* Add Google Play App (v1): POST /application- apis/applications/1.0/addPlayApp/<billingID>
* Add Google Play App (v2): POST /application-   
  apis/applications/2.0/addPlayApp/customer/<billingID>

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12/07/2021

Existing

Added two new parameters *instantUpdate* and *autoUpdateMode*.

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01/11/2022

Get Audit of Ruleset Changes: GET /rule- apis/rules/1.0/getRuleSetAudit/customer/<billingID>

New

Added new API that fetches audits of all rule changes that were made within a specific timeframe for the billing ID of an organization.

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1 03/24/2022

* 1  06/03/2022
* 2  06/03/2022
* 3  06/03/2022

Mark Device as Lost: POST https://<services-url>/apple- api/devices/2.0/customer/<billingId>/device/<deviceId>/action

Get Admin Changes Audit: GET account- provisioning/administrator/1.0/getAdminChangesAudit/custom er/<billingId>

Add Local User Account: POST /user- apis/user/1.0/addUser/customer/<billingID>

Mark Device as Lost: POST https://<services-url>/apple- api/devices/2.0/customer/<billingId>/device/<deviceId>/action

Existing

Existing

Existing Existing

Updated request formula after receiving customer feedback.

Added a new value for the account status parameter that fetches audits for a deleted local admin account for a billing ID.

Added a new parameter *emailSetPwdLink* that sends an email link to set a password.

Updated the request formula after receiving customer feedback.

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| --- | --- | --- | --- |
| 06/06/2022 | Create Device Enrollment: POST /device- apis/devices/1.0/enrollDevice/<billingID>/ | Existing | Added a new parameter *licenseNames* where you can enter the MaaS360 service license bundle (MaaS360 Part Name) to enroll a device. |

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2 06/06/2022 Add Local User Account: POST /user- apis/user/1.0/addUser/customer/<billingID>

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Existing

Updated the access rights for the API.

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| --- | --- | --- | --- |
|  |  |  |  |
| 11/28/2022 | Search Action History (v1): GET /device- apis/devices/1.0/searchActionHistory/<billingID> | Existing | Added a new sample response attribute named *result* that fetches a detailed description about the status of the actions that were taken on a device. |
|  |  |  |  |
| 02/13/2023 | Basic Search (v2): GET /device- apis/devices/2.0/search/customer/<billingID> | Existing | Updated an incorrect value that was listed for the optional *maas360ManagedStatus* parameter. The incorrect *Pending Contol Removed* value was updated to *Pending Control Removal*. |

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