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XenMobile

XenMobile Public API for REST Services

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1 Introduction

The Public API for REST services enables users to call the services that are exposed in the XenMobile console through any REST client. It doesn't require login and authentication to the XenMobile console. You can use the API to call any service directly.

This document provides complete details for the XenMobile Public API for REST services.

2 Terminology

XenMobile Console	Web-based administration interface for XenMobile.
CLI	Command Line Interface is the console for the default administrator. This also the default console for users with the Admin role.
REST client	Most modern browsers have a REST client extension that allows calling REST services, consisting of request and payload.
OTP	One-Time PIN.

3 Public API for REST services

3.1 Public API RBAC configuration

To access the public API, you need ONE of the following permissions:

- PUBLIC_API_ACCESS permission, set in the XenMobile console RBAC settings page.
- Super user permission.

3.2 Usage guide

To invoke Public API services, use:

- Any REST client
- CURL commands

Below is a sample of how to invoke the public API services.

- REST client (Advanced REST client, Chrome):

Modify host name and port according to the environment.

- Login

url: `https://hostname:4443/xenmobile/api/v1/authentication/login`

request:

```
{  
  "login": "administrator",  
  "password": "password"  
}
```

Method type: post

Content type: application/json

https://localhost:4443/xenmobile/api/v1/publicapi/login

GET POST PUT PATCH DELETE HEAD OPTIONS Other

Raw Form Headers

Raw Form Files (0) Payload

```
{
  "login": "administrator",
  "password": "password"
}
```

application/json Set "Content-Type" header to overwrite this value.

Status: 200 OK Loading time: 265 ms

Request headers: User-Agent: Mozilla/5.0 (Windows NT 6.3; WOW64; AppleWebK9537.36 (KHTML, like Gecko) Chrome/41.0.2272.101 Safari/537.36; Origin: chrome-extension://mgmoiofdffnqjgkclidibjelo; Content-Type: application/json; Accept: */*; Accept-Encoding: gzip, deflate; Accept-Language: en-US,en;q=0.8; Cookie: JSESSIONID=ED607670BBCD51DE59CBFD6D91F9B163

Response headers: Server: Apache-Coyote/1.1; Content-Type: text/plain; Content-Length: 53; Date: Sun, 22 Mar 2015 22:43:48 GMT

Raw Parsed Response

```
{
  "auth_token": "d4fdecf6-2e5a-4aed-8d60-f9a513b5c358"
}
```

- Get Delivery groups by filter
url : /xenmobile/api/v1/deliverygroups/filter

request :

```
{
  "start": 1,
  "sortOrder": "DESC",
  "deliveryGroupSortColumn": "id",
  "search": "add"
}
```

method type : POST

content-type : application/json

https://localhost:4443/xenmobile/api/v1/publicapi/deliverygroups/filter/getdeliverygroupsbyfilter

GET POST PUT PATCH DELETE HEAD OPTIONS Other

Raw Form Headers

Add new header

auth_token: d4fdecf6-2e5a-4aed-8d60-f9a513b5c358

Raw Form Files (0) Payload

```
{
  "start": 1,
  "sortOrder": "DESC",
  "deliveryGroupSortColumn": "id",
  "search": "add"
}
```

application/json Set "Content-Type" header to overwrite this value.

Status: 200 OK Loading time: 672 ms

Request headers: auth_token: d4fdecf6-2e5a-4aed-8d60-f9a513b5c358; Origin: chrome-extension://mgmoiofdffnqjgkclidibjelo; User-Agent: Mozilla/5.0 (Windows NT 6.3; WOW64; AppleWebK9537.36 (KHTML, like Gecko) Chrome/41.0.2272.101 Safari/537.36; Content-Type: application/json; Accept: */*; Accept-Encoding: gzip, deflate; Accept-Language: en-US,en;q=0.8; Cookie: JSESSIONID=ED607670BBCD51DE59CBFD6D91F9B163

Response headers: Server: Apache-Coyote/1.1; Content-Type: application/json; Content-Length: 4928; Date: Sun, 22 Mar 2015 22:48:20 GMT

Raw JSON Response

```
{
  "status": 0,
  "message": null,
  "dgListData": {
    "totalMatchCount": 8,
    "totalCount": 8,
    "dgList": [1]
  }
}
```


3.3 Login/Logout Public API

3.3.1 Sample Request: Login

URL	https://localhost:4443/xenmobile/api/v1/authentication/login
Request type	POST
Request parameters	{ "login": "administrator", "password": "password" }
Sample Response	{ "auth_token": "q483409eu82mkfrcdi90iv0gc:q483409eu82mkfrcdi90iv0gc" }

Request through Advanced REST client: Chrome

The screenshot shows the Advanced REST client interface. The URL bar contains `https://localhost:4443/xenmobile/api/v1/publicapi/login`. The request method is set to `POST`. The request body is a JSON object: `{ "login": "administrator", "password": "password" }`. The content type is set to `application/json`. The response status is `200 OK` with a loading time of 64 ms. The response headers include `Server: Apache-Coyote/1.1`, `Content-Type: text/plain`, and `Date: Sun, 22 Mar 2015 23:06:11 GMT`. The response body is a JSON object: `{ "auth_token": "q483409eu82mkfrcdi90iv0gc:q483409eu82mkfrcdi90iv0gc" }`.

Response with auth_token

3.3.2 Sample Request: Logout

URL	https://hostname:4443//xenmobile/api/v1/authentication/logout
Request type	POST
Request header	Auth_token : auth token obtained during login
Request parameters	{ "login": "administrator" }
Response	{ "Status": "user administrator logged out successfully." }

--	--

3.3.3 CWC Login

URL	https://hostname:4443/xenmobile/api/v1/authentication/cwclogin
Request type	POST
Request header	Authorization : CWSAuth service=<ServiceKey>
Request parameters	{“context”:”customer or cloud”, “customerId”:”customer ID”}
Response	{“auth_token”:”authentication token” }

3.4 Certificates

Certificate management operations enable you to view, delete, import and add certificates through the public API.

3.4.1 Get all certificates

URL	https://hostname:4443/xenmobile/api/v1/certificates
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "csrId": 0,
  "csrRequest": null,
  "apnsCheck": null,
  "certificate": [
    {
      "name": "Users",
      "description": "",
      "remainingDays": 186,
      "validFrom": "2016-11-14",
      "validTo": "2017-11-14",
      "type": "entity",
      "isActive": false,
      "privateKey": "true",
      "ca": null,
    }
  ]
}
```

```

    "id": 450,
    "certDetails": {
      "signatureAlgo": "SHA1WithRSAEncryption",
      "version": null,
      "serialNum": "456419867655312345325012",
      "issuerName": {
        "certString": "DC=com,DC=Domain,CN=Domain-DC01-CA",
        "emailAddress": null,
        "commonName": "Domain-DC01-CA",
        "orgUnit": null,
        "org": null,
        "locality": null,
        "state": null,
        "country": null,
        "description": null
      },
      "subjectName": {
        "certString": "DC=com,DC=Domain,CN=Users,CN=Administrator,E=Administrator@D
omain.com",
        "emailAddress": "Administrator@Domain.com",
        "commonName": "Administrator",
        "orgUnit": null,
        "org": null,
        "locality": null,
        "state": null,
        "country": null,
        "description": null
      }
    }
  ],
  "apnsCheckObj": {
    "topicNameMismatch": false,
    "certExpired": false,

```

```

    "certNotYetValid": false,
    "malformed": false
  }
}

```

3.4.2 Create certificate

The create certificate operation creates a self-signed certificate or a CSR request that needs a CA signature.

URL	https://hostname:4443/xenmobile/api/v1/certificates/csr
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "isSelfSign": true,
  "csrRequest": {
    "commonName": "CERTIFICATE_NAME",
    "description": "certificate description",
    "org": "organization name",
    "orgUnit": "organization unit",
    "locality": "location",
    "state": "CA",
    "country": "US",
    "isSelfSign": true
  },
  "validDays": "60",
  "keyLength": "1024",
  "useAs": "none"
}

```

Sample Response:

```

{
  "status": 0,
}

```

```

"message": "Success",
"csrId": -1,
"csrRequest": "",
"apnsCheck": null,
"certificate": null,
"apnsCheckObj": {
  "topicNameMismatch": false,
  "certExpired": false,
  "certNotYetValid": false,
  "malformed": false
}
}

```

3.4.3 Import certificate as SAML

URL	https://hostname:4443/xenmobile/api/v1/certificates/import/certificate/saml
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Sample Request :

```

certImportData = {
  "password": "1234",
  "alias": "",
  "useAs": "saml",
  "uploadType": "certificate",
  "description": "certificate description"
}
uploadFile    = <certificate_saml.pem>
uploadFile    = <certificate_saml_private_key.pem>

```

Sample Response:

```

{
  "status": 0,

```

```

"message": "Success",
"csrId": 0,
"csrRequest": null,
"apnsCheck": {
  "topicNameMismatch": false,
  "certExpired": false,
  "certNotYetValid": false,
  "malformed": false
},
"certificate": null,
"apnsCheckObj": {
  "topicNameMismatch": false,
  "certExpired": false,
  "certNotYetValid": false,
  "malformed": false
}
}

```

3.4.4 Import certificate as Server

URL	https://hostname:4443/xenmobile/api/v1/certificates/import/certificate/server
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Sample Request :

```

certImportData = {
  "password": "1234",
  "alias": "",
  "useAs": "none",
  "uploadType": "certificate",
  "description": "certificate description"
}
uploadFile    = <certificate_server.csr>
uploadFile    = <certificate_server_private_key.pem>

```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "csrId": 0,
  "csrRequest": null,
  "apnsCheck": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  },
  "certificate": null,
  "apnsCheckObj": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  }
}
```

3.4.5 Import certificate as SSL Listener

URL	https://hostname:4443/xenmobile/api/v1/certificates/import/certificate/listener
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Sample Request :

```
certImportData = {
  "password": "1234",
  "alias": "",
  "useAs": "listener",
  "uploadType": "certificate",
```

```

    "description": "certificate description"
  }
  uploadFile    = <certificate_ssl_listener.pem>
  uploadFile    = <certificate_ssl_listener_private_key.pem>

```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "csrId": 0,
  "csrRequest": null,
  "apnsCheck": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  },
  "certificate": null,
  "apnsCheckObj": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  }
}

```

3.4.6 Export certificate

URL	https://hostname:4443/xenmobile/api/v1/certificates/export
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json Accept: application/json

Sample Request:


```
{
  "id": "300",
  "password": "1111",
  "exportPrivateKey": true
}
```

Field name	Mandatory	Description	Format
Id	true	Certificate ID	number
Password		Password for the certificate that has been exported.	
exportPrivateKey		Flag for exporting private key information	boolean

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "certificate": "-----BEGIN RSA PRIVATE KEY-----Proc-Type: 4,ENCRYPTEDDEK-Info: DES-EDE3-CBC,ad9cc05c8d338815qY96B2aDCEbattl3CP1u7f+mmy9TaoP0... km7au9ye13Zu3UTE-----END RSA PRIVATE KEY-----BEGIN CERTIFICATE-----MIIDWjCCAkKgAwIBAgIEOImJMjAN... xdpXgcMKtczEkhhCxqZ1c7yA==-----END CERTIFICATE-----"
}
```

3.4.7 Delete certificates

URL	https://hostname:4443/xenmobile/api/v1/certificates
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "certificateIds": ["751"]
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "csrId": 0,
  "csrRequest": null,
  "apnsCheck": null,
  "certificate": null,
  "apnsCheckObj": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  }
}
```

3.5 Keystores

Keystore management operations enable you to import keystores through the public API.

3.5.1 Import keystore as Server

URL	https://hostname:4443/xenmobile/api/v1/certificates/import/keystore/server
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Sample Request :

```
certImportData = {
  "password": "1234",
  "alias": "",
  "useAs": "none",
  "uploadType": "keystore",
  "keystoreType": "PKCS12",
  "description": "certificate description"
}
uploadFile = <keystore_server.pfx>
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "csrId": 0,
  "csrRequest": null,
  "apnsCheck": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  },
  "certificate": null,
  "apnsCheckObj": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  }
}
```

3.5.2 Import keystore as SAML

URL	https://hostname:4443/xenmobile/api/v1/certificates/import/keystore/saml
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Sample Request :

```
certImportData = {
  "password": "1234",
  "alias": "",
  "useAs": "saml",
  "uploadType": "keystore",
```

```

"keystoreType": "PKCS12",
"description": "certificate description"
}
uploadFile      = <keystore_saml.pfx>

```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "csrId": 0,
  "csrRequest": null,
  "apnsCheck": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  },
  "certificate": null,
  "apnsCheckObj": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  }
}

```

3.5.3 Import keystore as APNS

URL	https://hostname:4443/xenmobile/api/v1/certificates/import/keystore/apns
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Sample Request :

```

certImportData = {
  "password": "1234",
  "alias": "",
  "useAs": "apns",
  "uploadType": "keystore",
  "keystoreType": "PKCS12",
  "checkTopicName": false,
  "description": "certificate description"
}
uploadFile      = <keystore_apns.pfx>

```

Field name	Description
checkTopicName	This parameter determines if you want to check the APNS only and don't want to import the keystore into the database.

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "csrId": 0,
  "csrRequest": null,
  "apnsCheck": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  },
  "certificate": null,
  "apnsCheckObj": {
    "topicNameMismatch": false,
    "certExpired": false,
    "certNotYetValid": false,
    "malformed": false
  }
}

```

```
}  
}
```

3.5.4 Import keystore as SSL Listener

URL	https://hostname:4443/xenmobile/api/v1/certificates/import/keystore/listener
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Sample Request :

```
certImportData = {  
  "password": "1234",  
  "alias": "",  
  "useAs": "listener",  
  "uploadType": "keystore",  
  "keystoreType": "PKCS12",  
  "description": "certificate description"  
}  
uploadFile      = <keystore_ssl_listener.pfx>
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Success",  
  "csrId": 0,  
  "csrRequest": null,  
  "apnsCheck": {  
    "topicNameMismatch": false,  
    "certExpired": false,  
    "certNotYetValid": false,  
    "malformed": false  
  },  
  "certificate": null,  
}
```

```

"apnsCheckObj": {
  "topicNameMismatch": false,
  "certExpired": false,
  "certNotYetValid": false,
  "malformed": false
}
}

```

3.6 Licenses

3.6.1 List configuration

This operation returns the license configuration and license list.

URL	https://localhost:4443/xenmobile/api/v1/licenses
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "cpLicenseServer": {
    "serverAddress": "10.20.30.40",
    "localPort": 0,
    "remotePort": 27000,
    "serverPort": 8083,
    "serverType": "remote",
    "licenseType": "none",
    "isServerConfigured": true,
    "gracePeriodLeft": 0,
    "isRestartLpeNeeded": null,
    "isScheduleNotificationNeeded": null,
    "licenseList": [
      {
        "remainingDays": 58,

```

```

    "licenseType": "Retail",
    "expirationDate": "01-DEC-2015",
    "p_E_M": "CXM_ENTU_UD",
    "sodate": "2016.1201",
    "notice": "Citrix Systems Inc.",
    "vendorString": ";LT=Retail;GP=720;UDM=U;LP=90;CL=STD,ADV,ENT;SA=1;ODP=0",
    "licensesInUse": 1,
    "licensesAvailable": 1,
    "overdraftLicenseCount": 0,
    "serialNumber": "cxmretailent1000user"
  }
],
"licenseNotification": {
  "id": 1,
  "notificationEnabled": false,
  "notifyFrequency": 7,
  "notifyNumberDaysBeforeExpire": 60,
  "receptientList": "",
  "emailContent": "License expiry notice"
}
}
}

```

3.6.2 Save License Info

This operation updates the license configuration.

URL	https://localhost:4443/xenmobile/api/v1/licenses
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "serverAddress": "10.20.30.40",
  "localPort": 0,

```



```
"remotePort": 27000,
"serverPort": 8083,
"serverType": "remote",
"licenseType": "none",
"isServerConfigured": true,
"gracePeriodLeft": 0,
"isRestartLpeNeeded": true,
"isScheduleNotificationNeeded": true,
"licenseList": [

],
"licenseNotification": {
  "id": 1,
  "notificationEnabled": true,
  "notifyFrequency": 20,
  "notifyNumberDaysBeforeExpire": 60,
  "recepientList": "test@citrix.com",
  "emailContent": "License expiry notice"
}
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "cpLicenseServer": {
    "serverAddress": "10.20.30.40",
    "localPort": 0,
    "remotePort": 27000,
    "serverPort": 8083,
    "serverType": "remote",
    "licenseType": "none",
    "isServerConfigured": true,
  }
}
```

```

    "gracePeriodLeft": 0,
    "isRestartLpeNeeded": true,
    "isScheduleNotificationNeeded": true,
    "licenseList": [

    ],
    "licenseNotification": {
        "id": 1,
        "notificationEnabled": true,
        "notifyFrequency": 20,
        "notifyNumberDaysBeforeExpire": 60,
        "receptientList": "test@citrix.com",
        "emailContent": "License expiry notice"
    }
}
}
}

```

3.6.3 Upload License File

This operation uploads the local license file.

URL	https://localhost:4443/xenmobile/api/v1/licenses/upload
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Sample Request:

```
uploadFile = <license file to be uploaded>
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "cpLicenseServer": null
}

```

3.6.4 Activate License

This operation activates the license type provided in the URL.

URL	https://localhost:4443/xenmobile/api/v1/licenses/activate/{licenseType}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/licenses/activate/CXM_ENTU_UD
```

Sample Response:

```
{
  "status": 0,
  "message": "CXM_ENTU_UD license activated",
  "cpLicenseServer": null
}
```

3.6.5 Remove All Licenses

This operation removes the licenses list.

URL	https://localhost:4443/xenmobile/api/v1/licenses
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "isConnected": null
}
```

3.6.6 Test License Server

This operation test connection with the provided remote server address and port.

URL	https://localhost:4443/xenmobile/api/v1/licenses/testserver
-----	---

Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "serverAddress": "10.20.30.40",
  "remotePort": 27000
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "isConnected": true
}
```

3.6.7 Get Earliest Expiration Date

This operation returns the earliest expiration date.

URL	https://localhost:4443/xenmobile/api/v1/licenses/getexpirationdate
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "expiredDate": 1480579200000,
  "daysBeforeExpire": 47,
  "daysInPOC": 0
}
```

3.7 LDAP

3.7.1 List configuration

This operation lists the entire LDAP configuration added in the XenMobile console.

URL	https://localhost:4443/xenmobile/api/v1/ldap
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "adList": [
    {
      "domain": "agsag.com",
      "userBaseDN": "dc=agsag,dc=com",
      "groupBaseDN": "dc=agsag,dc=com",
      "password": "",
      "port": 389,
      "username": "aaa@agsag.com",
      "primaryHost": "10.20.30.40",
      "useSecure": false,
      "globalCatalogPort": 3268,
      "secondaryHost": "",
      "lockoutLimit": 0,
      "userSearchBy": "upn",
      "gcRootContext": "",
      "lockoutTime": 1,
      "domainAlias": "agsagAlias",
      "name": "activedirectory",
      "type": "activedirectory",
      "defaultDomain": true
    }
  ]
}
```

```
}
```

3.7.2 Add new configuration.

You can use the XenMobile console to add a new Microsoft Active Directory.

This operation adds a new LDAP configuration. Use a unique domain name. Don't use the same domain name as another LDAP configuration.

URL	https://localhost:4443/xenmobile/api/v1/ldap/msactivedirectory
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "primaryHost": "10.20.30.40",
  "secondaryHost": "",
  "port": "389",
  "username": "aaa@agsag.com",
  "password": "123",
  "userBaseDN": "dc=agsag,dc=com",
  "groupBaseDN": "dc=agsag,dc=com",
  "lockoutLimit": "0",
  "lockoutTime": "1",
  "useSecure": "false",
  "userSearchBy": "upn",
  "domain": "agsag.com",
  "domainAlias": "agsagAlias",
  "globalCatalogPort": 3268,
  "gcRootContext": ""
}
```

Sample Response:-

```
{
  "status": 0,
  "message": "Success",
}
```

```
"adList": []
}
```

Field name	Mandatory	Description	Format	
primaryHost	true	Primary server IP address or hostname	IP address / FQDN	
secondaryHost				
port	true	Port number		
username	true	Username for LDAP authentication		
password	true	Password for authentication		
userBaseDN	true			
lockoutLimit				
lockoutTime				
useSecure				
userSearchBy	true		upn samaccount	
domain	true	LDAP domain name which must be unique from other configuration		
domainAlias	true	Alias name for the domain		
globalCatalogPort				
gcRootContext				
groupBaseDN	true			
isDefault		This is a part of GET response which indicates whether the LDAP is the default one		
name		This is a part of GET response and is a unique identifier used to update or delete the configuration		

3.7.3 Edit LDAP configuration

This API edits the existing LDAP configuration.

URL	https://localhost:4443/xenmobile/api/v1/ldap/msactivedirectory/{name}
-----	---

Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

{name} is the unique identifier returned from the GET request. The request object for editing is the same as that for adding a new configuration. You can't change the domain in edit mode.

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/ldap/msactivedirectory/activedirectory2
```

Sample Request:

```
{
  "primaryHost": "10.20.30.40",
  "secondaryHost": "",
  "port": "389",
  "username": "aaa@agsag.com",
  "password": "123",
  "userBaseDN": "dc=agsag,dc=com",
  "groupBaseDN": "dc=agsag,dc=com",
  "lockoutLimit": "0",
  "lockoutTime": "1",
  "useSecure": "false",
  "userSearchBy": "upn",
  "domain": "agsag.com",
  "domainAlias": "agsagAlias",
  "globalCatalogPort": 3268,
  "gcRootContext": ""
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "adList": [
```



```

{
  "domain": "agsag.com",
  "userBaseDN": "dc=agsag,dc=com",
  "groupBaseDN": "dc=agsag,dc=com",
  "password": "",
  "port": 389,
  "username": "aaa@agsag.com",
  "primaryHost": "10.20.30.40",
  "useSecure": false,
  "globalCatalogPort": 3268,
  "secondaryHost": "",
  "lockoutLimit": 0,
  "userSearchBy": "upn",
  "gcRootContext": "",
  "lockoutTime": 1,
  "domainAlias": "agsagAlias",
  "name": "activedirectory",
  "type": "activedirectory",
  "defaultDomain": true
}
]
}

```

3.7.4 Set a default LDAP

This API sets the existing LDAP configuration as a default domain.

URL	https://localhost:4443/xenmobile/api/v1/ldap/default/{name}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

{name} is the unique identifier returned from the GET request.

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/ldap/default/activedirectory2
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "adList": []
}
```

3.7.5 Delete an existing configuration

This API deletes an added configuration.

URL	https://localhost:4443/xenmobile/api/v1/ldap/{name}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

{name} is the unique identifier returned from the GET request.

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/ldap/activedirectory2
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "adList": []
}
```

3.8 Netscaler Gateway configuration

3.8.1 List all the added Netscaler Gateways

This operation lists the entire Netscaler Gateway configuration added in the XenMobile console.

URL	https://localhost:4443/xenmobile/api/v1/netscaler
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "agList": [
    {
      "name": "NSG",
      "alias": "NSG-1",
      "url": "https://externalURL.com",
      "passwordRequired": false,
      "logonType": "Domain",
      "callback": [
        {
          "callbackUrl": "http://ag.com",
          "ip": "10.20.30.40"
        }
      ],
      "id": "1",
      "default": true
    }
  ]
}
```

Field name	Mandatory	Description	Format	
name	true	Unique name for the NetScaler Gateway configuration		
alias				
url	true	Publicly accessible URL for NetScaler Gateway		
passwordRequired	true			
logonType	true		Values accepted domain-only domain-token domain-certificate	

			certificate-only certificate-token token-only	
callback	Optional			
default	true	Set it to true or false while adding or editing NetScaler Gateway. If this parameter is not passed, the NetScaler Gateway default is set to false	true false	
id		This is a part of GET response which can be used for editing, deleting and setting a default configuration		

3.8.2 Add new Netscaler Gateway configuration.

This operation adds a new Netscaler Gateway configuration.

URL	https://localhost:4443/xenmobile/api/v1/netscaler
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "name": "displayName",
  "alias": "Alias",
  "url": "https://externalURL.com",
  "passwordRequired": false,
  "logonType": "Domain",
  "callback": [
    {
      "callbackUrl": "http://ag.com",
      "ip": "10.20.30.40"
    }
  ],
  "default": false
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "agList": []
}
```

3.8.3 Edit Netscaler Gateway configuration.

This operation edits the existing NetScaler Gateway configuration.

URL	https://localhost:4443/xenmobile/api/v1/netscaler/{id}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/netscaler/304
```

Sample Request:

```
{
  "name": "displayName7",
  "alias": "Alias",
  "url": "https://externalUR17.com",
  "passwordRequired": true,
  "logonType": "Domain",
  "callback": [
    {
      "callbackUrl": "http://ag.com",
      "ip": "10.20.30.40"
    }
  ],
  "default": false
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "agList": []
}
```

3.8.4 Delete a Netscaler Gateway configuration.

This operation deletes a Netscaler Gateway configuration.

URL	https://localhost:4443/xenmobile/api/v1/netscaler/{id}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/netscaler/304
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "agList": []
}
```

3.8.5 Set default Netscaler Gateway configuration

This operation sets the provided NetScaler Gateway configuration as the default.

URL	https://localhost:4443/xenmobile/api/v1/netscaler/default/{id}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/netscaler/default/304
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "agList": []
}
```

3.9 Notification Server

With notification server APIs, you can add, edit, and delete the configuration for SMS and SMTP servers.

3.9.1 List all the added SMS and SMTP servers

This operation lists the entire added SMS/SMTP configuration in the XenMobile console.

URL	https://localhost:4443/xenmobile/api/v1/notificationserver
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json Accept: application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "list": [
    {
      "id": 2,
      "active": "true",
      "name": "Nexmo",
      "server": "Nexmo",
      "serverType": "SMS"
    },
    {
      "id": 1,
      "active": "true",
      "name": "SMTP Server",

```

```

    "server": "smtp.gmail.com",
    "serverType": "SMTP"
  }
],
"details": null
}

```

3.9.2 Get details of added server

This operation gets all the details of the added server by id.

URL	https://localhost:4443/xenmobile/api/v1/notificationserver/{id}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json Accept: application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/notificationserver/1
```

Sample Response (SMTP):

```

{
  "status": 0,
  "message": "Success",
  "list": [],
  "details": {
    "id": 1,
    "active": null,
    "name": "SMTP Server",
    "server": "smtp.gmail.com",
    "serverType": "SMTP",
    "description": "SMTP Server",
    "secureChannelProtocol": "TLS",
    "port": 587,
    "authentication": true,
    "username": "test@gmail.com",

```



```
"password": "123",
"msSecurePasswordAuth": false,
"fromName": "TEST XMS",
"fromEmail": "test@gmail.com",
"numOfRetries": 5,
"timeout": 30,
"maxRecipients": 100
}
}
```

Sample Response (SMS):

```
{
  "status": 0,
  "message": "Success",
  "list": [],
  "details": {
    "id": 2,
    "active": null,
    "name": "Nexmo",
    "server": "Nexmo",
    "serverType": "SMS",
    "description": "Nexmo",
    "key": "12345690",
    "secret": "12345678",
    "virtualPhoneNumber": "1234567890",
    "https": true,
    "country": "+1",
    "carrierGateway": true
  }
}
```

3.9.3 Add new SMS server configuration

This operation adds a new SMS server configuration.

URL	https://localhost:4443/xenmobile/api/v1/notificationserver/sms
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "name": "displayName",
  "description": "Description",
  "country": "+93",
  "https": "false",
  "key": "123456",
  "secret": "secretKey",
  "virtualPhoneNumber": "4086792222",
  "carrierGateway": "true"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Operation completed successfully"
}
```

3.9.4 Edit SMS server configuration

This operation edits the existing SMS server configuration.

URL	https://localhost:4443/xenmobile/api/v1/notificationserver/sms/{id}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/notificationserver/sms/3
```

Sample Request:

```
{
  "name": "displayName",
  "description": "Description",
  "country": "+93",
  "https": "true",
  "key": "123456",
  "secret": "secretKey",
  "virtualPhoneNumber": "4086792222",
  "carrierGateway": "true"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Operation completed successfully"
}
```

3.9.5 Add new SMTP server configuration

This operation adds a new SMTP server configuration.

URL	https://localhost:4443/xenmobile/api/v1/notificationserver/smtp
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "name": "SMTP Server 2",
  "server": "smtp.gmail.com",
  "serverType": "SMTP",
  "description": "SMTP Server",
  "secureChannelProtocol": "TLS",
  "port": 587,
  "authentication": true,
  "username": "test@gmail.com",
}
```

```
"password": "123",
"msSecurePasswordAuth": false,
"fromName": "TEST XMS",
"fromEmail": "test@gmail.com",
"numOfRetries": 5,
"timeout": 30,
"maxRecipients": 100
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Operation completed successfully"
}
```

3.9.6 Edit SMTP server configuration

This operation edits the existing SMTP gateway configuration.

URL	https://localhost:4443/xenmobile/api/v1/notificationserver/smtp/{id}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/notificationserver/smtp/4
```

Sample Request:

```
{
  "name": "SMTP Server 2",
  "server": "smtp.gmail.com",
  "serverType": "SMTP",
  "description": "SMTP Server Description",
  "secureChannelProtocol": "TLS",
  "port": 587,
}
```

```
"authentication": true,
"username": "test@gmail.com",
"password": "123",
"msSecurePasswordAuth": false,
"fromName": "TEST XMS",
"fromEmail": "test@gmail.com",
"numOfRetries": 5,
"timeout": 30,
"maxRecipients": 100
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Operation completed successfully"
}
```

3.9.7 Delete a SMS or SMTP server configuration

This operation deletes the added SMS or SMTP server configuration.

URL	https://localhost:4443/xenmobile/api/v1/notificationserver/{id}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/notificationserver/4
```

Sample Response:

```
{
  "status": 0,
  "message": "Operation completed successfully"
}
```

3.9.8 Set default SMS configuration

This operation sets the default SMS configuration.

URL	https://localhost:4443/xenmobile/api/v1/notificationserver/activate/sms/{id}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/notificationserver/activate/sms/3
```

Sample Response:

```
{
  "status": 0,
  "message": "Operation completed successfully"
}
```

3.9.9 Set default SMTP configuration

This operation sets the default SMTP configuration.

URL	https://localhost:4443/xenmobile/api/v1/notificationserver/activate/smtp/{id}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/notificationserver/activate/smtp/5
```

Sample Response:

```
{
  "status": 0,
  "message": "Operation completed successfully"
}
```

Field name	Mandatory	Description	Format	
name	True	Unique name for the SMS/SMTP configuration		

serverType		This is the type of notification server that you added	SMS SMTP	This information is sent by the server in the Get request
active		This returns true or false, indicating whether the server is currently used for notifications		Only one server can be active for each type.
id		Unique id sent by the server which should be used to edit, delete, and activate the server		
description		Description for the SMS/SMTP server		
SMS parameters				
key	True			
secret	True			
virtualPhoneNumber	True		Should be in phone number format	
https	True		Values accepted: true false	Default is false
country	True			
carrierGateway	True		Values accepted: true false	Default is false
SMTP Server parameters				
secureChannelProtocol	True		Values accepted: NONE SSL TLS	Default is None
port	True			
authentication	Required		Values accepted: true false	
username	True if authentication is set to true			
password	True if authentication is set to true			
msSecurePasswordAuth	True		Values accepted: True	Default value is false

			false	
fromName	True			
fromEmail	True			
numOfRetries			Integer value	Default value 5
timeout			Integer value	Default value 30
maxRecipients			Integer value	Default value 100

3.10 Delivery Groups

3.10.1 Get Delivery Groups by Filter

URL	https://hostname:4443/xenmobile/api/v1/deliverygroups/filter
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "start": 0,
  "limit": 10,
  "deliveryGroupSortColumn": "id",
  "sortOrder": "DESC",
  "search": "search string",
  "filterIds": "[\"deliverygroup.action#ACTION_NAME@_fn_@dg.action\"]"
}
```

All fields are optional.

Field name	Description
start	Start is the starting index for data. Limit is the records limits you want to fetch. Start and limit are used for pagination. Start=0 and limit=100 would get 100 records starting from index 0.
limit	
deliveryGroupSortColumn	Valid values for sortColumn are: <ul style="list-style-type: none"> - id - name - lastUpdated
sortOrder	Valid values are ASC or DESC.
search	A search string to filter the delivery group.
filterIds	Specify filterIds to get records based on specific filter criteria.

You can use the following filterIds in the filter delivery group API.

Filter Name	Filter Id
Filter Delivery Group by Assigned Applications	deliverygroup.application#APP_NAME@_fn_@dg.app
Filter Delivery Group by Assigned Actions	deliverygroup.action#ACTION_NAME@_fn_@dg.action
Filter Delivery Group by Assigned Policies	deliverygroup.policy#POLICY_NAME@_fn_@dg.policy

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "dgListData": {
    "totalMatchCount": 7,
    "totalCount": 10,
    "dgList": [
      {
        "id": null,
        "name": "add delivery group 6.0",
        "description": "testing add delivery group 6.0",
        "groups": [
          {
            "id": null,
            "userListId": null,
            "name": "AC08EP61S75",
            "uniqueName": "AC08EP61S75",
            "uniqueId": "AC08EP61S75",
            "domainName": "local",
            "primaryToken": null,
            "objectSid": null,
            "customProperties": {
              "CWCUserID": "Usertree/AD/usertree1.com/S-1-5-21-1967764551-856306151-3
571598965-1192"
            }
          }
        ]
      }
    ],
  },
}
```

```

"users": [
  {
    "uniqueName": "TempUser",
    "domainName": "local",
    "name": "TempUser",
    "objectSid": null,
    "customProperties": {
      "CWCUserID": "Usertree/AD/usertree1.com/S-1-5-21-1967764551-856306151-3
571598965-1235"
    },
    "uniqueId": "TempUser"
  }
],
"zoneId": null,
"zoneDomain": null,
"rules": "{\"AND\": [{\"values\": {\"stringOperator\": \"eq\", \"value\": \"shanka
r.ganesh@citrix.com\"}, \"ruleId\": \"001-restrictUserPropEmail\"}]}",
"disabled": false,
"lastUpdated": 1427144713353,
"anonymousUser": true,
"roledefLangVersionId": 1,
"applications": [
  {
    "name": "Web Link",
    "required": false
  },
  {
    "name": "GoogleApps_SAML",
    "required": true
  }
],
"devicePolicies": [
  "test terms conditions"
],

```

```

    "smartActions": [
      "ACTION_NAME"
    ],
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0
  }
]
}
}

```

3.10.2 Get Delivery Group by ID or Name

URL	https://hostname:4443/xenmobile/api/v1/deliverygroups/{IdOrName}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL (with name):

```
https://hostname:4443/xenmobile/api/v1/deliverygroups/AllUsers
```

Sample URL (with ID):

```
https://hostname:4443/xenmobile/api/v1/deliverygroups/1
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "role": {
    "id": 2,
    "name": "AllUsers",
    "description": "default role",
    "groups": [{
      "id": null,
      "userListId": null,
      "name": "AC08EP61S75",

```

```

    "uniqueName": "AC08EP61S75",
    "uniqueId": "AC08EP61S75",
    "domainName": "local",
    "primaryToken": null,
    "objectSid": null,
    "customProperties": {
      "CWCUserID": "Usertree/AD/usertree1.com/S-1-5-21-1967764551-856306151-3571598965-1192"
    }
  }],
  "users": [{
    "uniqueName": "TempUser",
    "domainName": "local",
    "name": "TempUser",
    "objectSid": null,
    "customProperties": {
      "CWCUserID": "Usertree/AD/usertree1.com/S-1-5-21-1967764551-856306151-3571598965-1235"
    },
    "uniqueId": "TempUser"
  }],
  "zoneId": null,
  "zoneDomain": null,
  "rules": null,
  "disabled": false,
  "lastUpdated": null,
  "anonymousUser": false,
  "roledefLangVersionId": 1,
  "applications": [{
    "name": "TESTAPP1",
    "priority": -1,
    "required": false
  }, {
    "name": "TESTAPP2",

```

```

        "priority": -1,
        "required": false
    }],
    "devicePolicies": [{
        "name": "TestPolicy1",
        "priority": -1
    }, {
        "name": "TestPolicy",
        "priority": -1
    }],
    "smartActions": [{
        "name": "TestAction2",
        "priority": -1
    }, {
        "name": "TestAction3",
        "priority": -1
    }],
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0
}
}

```

3.10.3 Edit Delivery Group by ID or Name

URL	https://hostname:4443/xenmobile/api/v1/deliverygroups
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request (With ID):

```

{
  "id": "3",
  "description": "temp3 desc",
  "applications": [

```

```

    {
      "name": "TESTAPP",
      "priority": -1,
      "required": false
    }
  ],
  "devicePolicies": [
    {
      "name": "test terms conditions",
      "priority": -1
    }
  ],
  "smartActions": [
    {
      "name": "Smart Action Name 1",
      "priority": -1
    }
  ],
  "groups": [
    {
      "domainName": "local",
      "customProperties": {
        "CWUserID": "My User Group ID"
      },
      "uniqueId": "AC08EP61S75"
    }
  ],
  "users": [
    {
      "domainName": "local",
      "customProperties": {
        "CWUserID": "Usertree/AD/usertree1.com/S-1-5-21-1967764551-856306151-3571598
965-1235"
      },

```

```

    "uniqueId": "TempUser"
  }
],
"rules": "{\\"AND\\":[{\\"eq\\":{\\"property\\":{\\"type\\":\\"USER_PROPERTY\\",\\"name\\":\\"mail\\"},\\"type\\":\\"STRING\\",\\"value\\":\\" testuser@citrix.com\\"}}]}"
}

```

Sample Request (With Name):

```

{
  "name": "Temp 3",
  "description": "temp3 desc",
  "applications": [
    {
      "name": "TESTAPP",
      "priority": -1,
      "required": false
    }
  ],
  "devicePolicies": [
    {
      "name": "test terms conditions",
      "priority": -1
    }
  ],
  "smartActions": [
    {
      "name": "Smart Action Name 1",
      "priority": -1
    }
  ],
  "groups": [
    {
      "domainName": "local",

```

```

    "customProperties": {
      "CWUserID": "My User Group ID"
    },
    "uniqueId": "AC08EP61S75"
  }
],
"users": [
  {
    "domainName": "local",
    "customProperties": {
      "CWUserID": "Usertree/AD/usertree1.com/S-1-5-21-1967764551-856306151-3571598
965-1235"
    },
    "uniqueId": "TempUser"
  }
],
"rules": "{\\"AND\\":[{\\"eq\\":{\\"property\\":{\\"type\\":\\"USER_PROPERTY\\",\\"name\\":\\"ma
il\\"},\\"type\\":\\"STRING\\",\\"value\\":\\" testuser@citrix.com\\"}}]}",
}

```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "role": {
    "id": 3,
    "name": "temp4",
    "description": "temp4 desc",
    "zoneId": null,
    "zoneDomain": null,
    "rules": "{\\"AND\\":[{\\"eq\\":{\\"property\\":{\\"type\\":\\"USER_PROPERTY\\",\\"name\\":\\"
mail\\"},\\"type\\":\\"STRING\\",\\"value\\":\\"tempuser@citrix.com\\"}}]}",
    "disabled": false,
    "lastUpdated": null,
  }
}

```



```
"anonymousUser": false,
"roledefLangVersionId": null,
"applications": [
  {
    "name": "TESTAPP2",
    "priority": -1,
    "required": false
  },
  {
    "name": "TESTAPP2",
    "priority": -1,
    "required": false
  }
],
"devicePolicies": [
  {
    "name": "TestPolicy1",
    "priority": -1
  },
  {
    "name": "TestPolicy",
    "priority": -1
  }
],
"smartActions": [
  {
    "name": "TestAction2",
    "priority": -1
  },
  {
    "name": "TestAction3",
    "priority": -1
  }
]
```

```

],
"nbSuccess": 0,
"nbFailure": 0,
"nbPending": 0,
"groups": [
  {
    "uniqueName": "AC08EP61S75",
    "domainName": "local",
    "name": "AC08EP61S75",
    "objectSid": "AC08EP61S75",
    "uniqueId": "AC08EP61S75",
    "customProperties": {
      "gr1": "gr1",
      "gr2": "gr2"
    }
  }
],
"users": [
  {
    "uniqueName": " tempuser ",
    "domainName": "local",
    "name": " tempuser ",
    "objectId": " tempuser ",
    "customProperties": null,
    "uniqueId": " tempuser "
  }
]
}
}

```

3.10.4 Add Delivery Group

URL	https://hostname:4443/xenmobile/api/v1/deliverygroups
Request type	POST

Request header	Auth_token : auth token obtained during login Content type : application/json
----------------	--

Sample Request:

```
{
  "name": "temp3",
  "description": "temp3 desc",
  "applications": [
    {
      "name": "TESTAPP",
      "priority": -1,
      "required": false
    }
  ],
  "devicePolicies": [
    {
      "name": "test terms conditions",
      "priority": -1
    }
  ],
  "smartActions": [
    {
      "name": "Smart Action Name 1",
      "priority": -1
    }
  ],
  "groups": [
    {
      "domainName": "local",
      "customProperties": {
        "CWCUserID": "My User Group ID"
      },
      "uniqueId": "AC08EP61S75"
    }
  ]
}
```

```

],
"users": [
  {
    "domainName": "local",
    "customProperties": {
      "CWCUserID": "Usertree/AD/usertree1.com/S-1-5-21-1967764551-856306151-3571598
965-1235"
    },
    "uniqueId": "TempUser"
  }
],
"rules": "{\\"AND\\":[{\\"eq\\":{\\"property\\":{\\"type\\":\\"USER_PROPERTY\\",\\"name\\":\\"ma
il\\"},\\"type\\":\\"STRING\\",\\"value\\":\\" testuser@citrix.com\\"}}]}"
}

```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "role": {
    "id": 23,
    "name": "temp4",
    "description": "temp4 desc",
    "zoneId": null,
    "zoneDomain": null,
    "rules": "{\\"AND\\":[{\\"eq\\":{\\"property\\":{\\"type\\":\\"USER_PROPERTY\\",\\"name\\":\\"
mail\\"},\\"type\\":\\"STRING\\",\\"value\\":\\"shankar.ganesh@citrix.com\\"}}]}",
    "disabled": false,
    "lastUpdated": null,
    "anonymousUser": false,
    "roledefLangVersionId": null,
    "applications": [
      {
        "name": "TESTAPP2",

```

```
    "priority": -1,
    "required": false
  },
  {
    "name": "TESTAPP2",
    "priority": -1,
    "required": false
  }
],
"devicePolicies": [
  {
    "name": "TestPolicy1",
    "priority": -1
  },
  {
    "name": "TestPolicy",
    "priority": -1
  }
],
"smartActions": [
  {
    "name": "TestAction2",
    "priority": -1
  },
  {
    "name": "TestAction3",
    "priority": -1
  }
],
"nbSuccess": 0,
"nbFailure": 0,
"nbPending": 0,
"groups": [
```

```

    {
      "uniqueName": "AC08EP61S75",
      "domainName": "local",
      "name": "AC08EP61S75",
      "objectSid": "AC08EP61S75",
      "uniqueId": "AC08EP61S75",
      "customProperties": {
        "gr1": "gr1",
        "gr2": "gr2"
      }
    }
  ],
  "users": [
    {
      "uniqueName": " tempuser ",
      "domainName": "local",
      "name": " tempuser ",
      "objectId": " tempuser ",
      "customProperties": null,
      "uniqueId": " tempuser "
    }
  ]
}

```

3.10.5 Delete Delivery Group(s) by ID or Name

URL	https://hostname:4443/xenmobile/api/v1/deliverygroups
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request (With IDs):

```
[23, 25]
```

Sample Request (With Names):

```
["Delivery Group 1", "Delivery Group 5"]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "roleNames": [
    "add delivery group 11.0"
  ]
}
```

3.10.6 Enable/Disable Delivery Group by ID or Name

URL	https://hostname:4443/xenmobile/api/v1/deliverygroups/{IdOrName}/{enable/disable}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL (With ID):

```
https://hostname:4443/xenmobile/api/v1/deliverygroups/1/disable
```

Sample URL (With Name):

```
https://hostname:4443/xenmobile/api/v1/deliverygroups/AllUsers/disable
```

Sample Response:

```
{
  status: 0,
  message: "Success",
  roleName: "AllUsers"
}
```

3.10.7 Deploy Delivery Group(s) by ID or Name

URL	https://hostname:4443/xenmobile/api/v1/deliverygroups/deploy
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request (With ID):

```
[23, 25]
```

Sample Request (With Name):

```
["Delivery Group 1", "Delivery Group 5"]
```

Sample Response:

```
{
  status: 0,
  message: "Success"
}
```

3.10.8 Get Deployment Status of Delivery Group by ID or Name

URL	https://hostname:4443/xenmobile/api/v1/deliverygroups/getdeploymentstatus/{IdOrName}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL (With ID):

```
https://hostname:4443/xenmobile/api/v1/deliverygroups/getdeploymentstatus/1
```

Sample URL (With Name):

```
https://hostname:4443/xenmobile/api/v1/deliverygroups/getdeploymentstatus/AllUsers
```

Sample Response:

```
{
  name: "AllUsers",
  nbSuccess: 2,
  nbFailure: 0,
  nbPending: 0
}
```


3.11 Users

3.11.1 Add/Update User Property

URL	https://hostname:4443/xenmobile/api/v1/user/{name}/property
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/user/user@xyz.net/property
```

Sample Request:

```
{  
  "name": "sn",  
  "value": "USER 2"  
}
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Success"  
}
```

3.11.2 Assign user to Local Groups

URL	https://hostname:4443/xenmobile/api/v1/user/{name}/localgroups
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/user/user@xyz.net/localgroups
```

Sample Request:

```
[  
  "Group 1",
```

```
"Group 2"  
]
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Success"  
}
```

3.12 Local Users

3.12.1 Get All Users

URL	https://hostname:4443/xenmobile/api/v1/localusersgroups
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{  
  "status": 0,  
  "message": "Success",  
  "users": [  
    {  
      "userid": 8,  
      "username": "admin",  
      "password": null,  
      "confirmPassword": null,  
      "groups": [  
  
      ],  
      "attributes": {  
        "company": "citrix"  
      },  
      "role": "ADMIN",
```

```

    "roles": [
      "ADMIN"
    ],
    "createdOn": "10/14/16 4:00 PM",
    "lastAuthenticated": "10/14/16 4:00 PM",
    "domainName": "local",
    "adUser": false,
    "vppUser": false,
    "vppAccounts": null
  }
]
}

```

3.12.2 Get User

URL	https://hostname:4443/xenmobile/api/v1/localusersgroups/{ name }
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/localusersgroups/admin
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "user": {
    "userid": 8,
    "username": "admin",
    "password": null,
    "confirmPassword": null,
    "groups": [

```

```

    ],
    "attributes": {
      "company": "citrix"
    },
    "role": "ADMIN",
    "roles": [
      "ADMIN"
    ],
    "createdOn": "10/14/16 4:00 PM",
    "lastAuthenticated": "10/14/16 4:00 PM",
    "domainName": "local",
    "adUser": false,
    "vppUser": false,
    "vppAccounts": null
  }
}

```

3.12.3 Add User

URL	https://hostname:4443/xenmobile/api/v1/localusersgroups
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "attributes": {
    "badpwdcount": "4",
    "asuseremail": "test.user@citrix.com",
    "company": "citrix",
    "mobile": "4695831234"
  },
  "groups": [
    "MSP"
  ],
}

```

```
"role": "USER",
"username": "user_1",
"password": "password"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "user": {
    "userid": 0,
    "username": "user_1",
    "password": "password",
    "confirmPassword": null,
    "groups": [
      "MSP"
    ],
    "attributes": {
      "badpwdcount": "4",
      "asuseremail": "test.user@citrix.com",
      "company": "citrix",
      "mobile": "4695831234"
    },
    "role": "USER",
    "roles": null,
    "createdOn": null,
    "lastAuthenticated": null,
    "domainName": null,
    "adUser": false,
    "vppUser": false,
    "vppAccounts": null
  }
}
```

```
}
```

3.12.4 Update User

URL	https://hostname:4443/xenmobile/api/v1/localusersgroups
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "attributes": {
    "badpwdcount": "5",
    "asuseremail": "test.user@citrix.com",
    "company": "citrix",
    "mobile": "9999831234"
  },
  "groups": [
    "MSP"
  ],
  "role": "USER",
  "username": "user_1",
  "password": "password"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "user": {
    "userid": 13,
    "username": "user_1",
    "password": null,
    "confirmPassword": null,
  }
}
```

```

"groups": [
  "MSP"
],
"attributes": {
  "badpwdcount": "5",
  "mobile": "9999831234",
  "company": "citrix",
  "asuseremail": "test.user@citrix.com"
},
"role": "USER",
"roles": [
  "USER"
],
"createdOn": "10/15/16 7:10 AM",
"lastAuthenticated": "10/15/16 7:21 AM",
"domainName": "local",
"adUser": false,
"vppUser": false,
"vppAccounts": null
}
}

```

3.12.5 Change user password

URL	https://hostname:4443/xenmobile/api/v1/localusersgroups/password
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "username": "user_1",
  "password": "newPassword"
}

```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "user": {
    "userid": 13,
    "username": "user_1",
    "password": null,
    "confirmPassword": null,
    "groups": [
      "MSP"
    ],
    "attributes": {
      "badpwdcount": "5",
      "mobile": "9999831234",
      "company": "citrix",
      "asuseremail": "test.user@citrix.com"
    },
    "role": "USER",
    "roles": [
      "USER"
    ],
    "createdOn": "10/15/16 7:10 AM",
    "lastAuthenticated": "10/15/16 7:29 AM",
    "domainName": "local",
    "adUser": false,
    "vppUser": false,
    "vppAccounts": null
  }
}
```

Response Errors :

1250 - User id not found

1252 - Failed to reset the password

You can also change the password in the update local user call.

3.12.6 Delete Users

URL	https://hostname:4443/xenmobile/api/v1/localusersgroups/delelocalusers
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[  
  "user_1"  
]
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Local users deleted successfully"  
}
```

3.12.7 Delete User

URL	https://hostname:4443/xenmobile/api/v1/localusersgroups/{ name }
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/localusersgroups/user_2
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Local user deleted successfully"  
}
```

```
}
```

3.12.8 Import provisioning file

URL	https://hostname:4443/xenmobile/api/v1/localusersgroups/importprovisioningfile
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Sample Request:

```
importdata = {"fileType":"user"}  
uploadFile = <file to be uploaded.csv>
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Import successful",  
  "users": []  
}
```

3.13 Local Groups

3.13.1 Get All Local Groups

URL	https://hostname:4443/xenmobile/api/v1/groups/local
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{  
  "status": 0,  
  "message": "Success",  
  "userGroups": [  
    {  
      "id": 1,  

```

```

    "userListId": 1,
    "name": "MSP",
    "uniqueName": "MSP",
    "uniqueId": "MSP",
    "domainName": "local",
    "primaryToken": 0
  },
  {
    "id": 2,
    "userListId": 1,
    "name": "Test1",
    "uniqueName": "Test1",
    "uniqueId": "Test1",
    "domainName": "local",
    "primaryToken": 0
  },
  {
    "id": 3,
    "userListId": 1,
    "name": "Test2",
    "uniqueName": "Test2",
    "uniqueId": "Test2",
    "domainName": "local",
    "primaryToken": 0
  }
]
}

```

3.13.2 Get All Groups

URL	https://hostname:4443/xenmobile/api/v1/groups
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "userGroups": [
    {
      "id": 1,
      "userListId": 1,
      "name": "MSP",
      "uniqueName": "MSP",
      "uniqueId": "MSP",
      "domainName": "local",
      "primaryToken": 0
    },
    {
      "id": 2,
      "userListId": 1,
      "name": "Test1",
      "uniqueName": "Test1",
      "uniqueId": "Test1",
      "domainName": "local",
      "primaryToken": 0
    },
    {
      "id": 3,
      "userListId": 1,
      "name": "Test2",
      "uniqueName": "Test2",
      "uniqueId": "Test2",
      "domainName": "local",
      "primaryToken": 0
    }
  ]
}
```

3.13.3 Search Group By Name

URL	https://hostname:4443/xenmobile/api/v1/groups/search?searchKey={group_name}&domain=local
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Pass the group name / partial group name as a search key in query parameters.

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/groups/search?searchKey=MSP&domain=local
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "userGroups": [
    {
      "id": 1,
      "userListId": 1,
      "name": "MSP",
      "uniqueName": "MSP",
      "uniqueId": "MSP",
      "domainName": "local",
      "primaryToken": 0
    }
  ]
}
```

3.13.4 Add Local Group

URL	https://hostname:4443/xenmobile/api/v1/groups/local
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
```

```
"name": "Test3",
"domainName": "local"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "group": {
    "id": 6,
    "userListId": 1,
    "name": "Test3",
    "uniqueName": "Test3",
    "uniqueId": "Test3",
    "domainName": "local",
    "primaryToken": 0
  }
}
```

3.13.5 Delete Local Group

URL	https://hostname:4443/xenmobile/api/v1/groups/local/{group_name}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/groups/local/Test3
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "userGroups": null
}
```

3.14 Server Properties

3.14.1 Get All Server Properties

URL	https://hostname:4443/xenmobile/api/v1/serverproperties
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "allEwProperties": [
    {
      "id": 5,
      "name": "zdm.dbcleanup.deployHistRetentionTimeInDays",
      "value": "7",
      "displayName": "Deploy Log Cleanup (in Days)",
      "description": "Deploy log cleanup.",
      "defaultValue": "7"
    },
    {
      "id": 205,
      "name": "ios.mdm.enrollment.awaitMamRegistration.enabled",
      "value": "false",
      "displayName": "Enables/Disables awaitMAMregistration",
      "description": "Whether or not to wait for MAM registration to complete for devices that are marked as requiring MAM",
      "defaultValue": "false"
    }
  ]
}
```

3.14.2 Get Server Properties by Filter

URL	https://hostname:4443/xenmobile/api/v1/serverproperties/filter
Request type	POST

Request header	Auth_token : auth token obtained during login Content type : application/json
----------------	--

Sample Request:

```
{
  "start": 0,
  "limit": 10,
  "orderBy": "name",
  "sortOrder": "desc",
  "searchStr": "wsapi"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "allEwProperties": [
    {
      "id": 10,
      "name": "wsapi.mdm.required.flag",
      "value": "false",
      "displayName": "Enrollment Required",
      "description": "Configuration option to make enrollment mandatory or optional i
n XenMobile enterprise mode.",
      "defaultValue": "false"
    }
  ]
}
```

3.14.3 Add Server Property

URL	https://hostname:4443 /xenmobile/api/v1/serverproperties
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "name": "Key 2",
  "value": "Value 1",
  "displayName": "Display Name 1",
  "description": "Description 1"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "You must restart XenMobile on all nodes to commit and activate your changes to the server properties."
}
```

3.14.4 Edit Server Property

URL	https://hostname:4443/xenmobile/api/v1/serverproperties
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "name": "Key 2",
  "value": "Value 10",
  "displayName": "Display Name 10",
  "description": "Description 10"
}
```

Sample Response:

```
{
  "status": 0,
}
```

```
"message": "You must restart XenMobile on all nodes to commit and activate your changes to the server properties."
}
```

3.14.5 Delete Server Properties

URL	https://hostname:4443 /xenmobile/api/v1/serverproperties
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[
  "Key 2"
]
```

Sample Response:

```
{
  "status": 0,
  "message": "You must restart XenMobile on all nodes to commit and activate your changes to the server properties."
}
```

3.14.6 Reset Server Properties

URL	https://hostname:4443 /xenmobile/api/v1/serverproperties/reset
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "names": [
    "Key 3"
  ]
}
```

Sample Response:

```
{
  "status": 0,
  "message": "You must restart XenMobile on all nodes to commit and activate your changes to the server properties."
}
```

3.15 Applications

3.15.1 Get Applications by Filter

URL	https://hostname:4443 /xenmobile/api/v1/application/filter
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample request data:

```
{
  "start": 0,
  "limit": 10,
  "applicationSortColumn": "name",
  "sortOrder": "DESC",
  "enableCount": false,
  "search": "Worx",
  "filterIds": "['application.deliverygroup#DG_Name@_fn_@app.dg']"
}
```

All fields are optional.

Field name	Description
start	Start is the starting index for data. Limit is the records limits you want to fetch. Start and limit are used for pagination. Start=0 and limit=100 would get 100 records starting from index 0.
limit	
applicationSortColumn	Get applications list sorted by this column. Valid values are: <ul style="list-style-type: none">- id- name- appType- createdOn- lastUpdated- disabled- vppAccount

sortOrder	Valid values are ASC or DESC
search	A search string to filter apps. Result will only contains apps with the name containing this search text.
enableCount	enableCount enables/disables fetching records count per filter. enableCount: false improves performance
filterIds	Specify filterIds to get records based on filter. This sample shows a delivery group filter.

You can use following filterIds in the filter applications API.

	Filter Name	Filter Id
Filter applications by type	MDX Apps	application.type.mdx
	Enterprise Apps	application.type.enterprise
	Store Apps	application.type.store
	Web Link Apps	application.type.weblink
	Web & SaaS Apps	application.type.saas
Filter applications by platform	iOS platform	application.platform.ios
	Android platform	application.platform.android
	Samsung KNOX platform	application.platform.androidknox
	Android for Work platform	application.platform.androidwork
	Windows Phone platform	application.platform.winphone
	Windows Desktop/Tablet platform	application.platform.windows8
	Windows Mobile/CE	application.platform.windowsce
Filter applications by category		application.category# CATEGORY @_fn_@app.cat
Filter applications by associated delivery Groups		application.deliverygroup# DG_NAME @_fn_@app.dg

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "applicationListData": {
    "totalMatchCount": 2,
    "totalCount": 2,
    "appList": [{
      "id": 2,
      "name": "WorxNotes",
```

```

    "description": "Worx Notes Application",
    "createdOn": "6/7/16 3:55 PM",
    "lastUpdated": "6/7/16 5:11 PM",
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": null,
    "permitAsRequired": true,
    "iconData": "iVBORw0KGgoAAAANSUhEUgAAAHgAAAB4CAYAAAAA5ZDbSAAA.....",
    "appType": "MDX",
    "categories": ["Default"],
    "roles": null,
    "workflow": null,
    "vppAccount": null
  }, {
    "id": 1,
    "name": "Angry Bird",
    "description": "",
    "createdOn": "6/7/16 3:53 PM",
    "lastUpdated": "6/7/16 3:54 PM",
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": null,
    "permitAsRequired": true,
    "iconData": "/9j/4AAQSkZJRgABAQEAAQABAAD/2wBDAAAYEBQYFBAYGBQYHBwYICHA...",
    "appType": "App Store App",
    "categories": ["Default"],
    "roles": null,
    "workflow": null,
    "vppAccount": null
  }

```

```
    }]  
  }  
}
```

3.15.2 MDX Mobile App

3.15.2.1 Get MDX Mobile App by Container ID

URL	https://hostname:4443 /xenmobile/api/v1/application/mobile/{containerId}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/mobile/4
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Success",  
  "container": {  
    "id": 4,  
    "name": "MDX App 1",  
    "description": "description should be here ",  
    "createdOn": null,  
    "lastUpdated": null,  
    "disabled": false,  
    "nbSuccess": 0,  
    "nbFailure": 0,  
    "nbPending": 0,  
    "schedule": {  
      "enableDeployment": true,  
      "deploySchedule": "NOW",  
      "deployScheduleCondition": "EVERYTIME",  
      "deployDate": null,  
    }  
  }  
}
```

```
"deployTime": null,
"deployInBackground": false
},
"permitAsRequired": true,
"iconData": "iVBORw0KGgoAA..AAAAASUVORK5CYII=",
"appType": "MDX",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"ios": {
  "displayName": "WorxNotes_edited",
  "description": "description should be here",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "appVersion": "5.0.0.1",
  "minOsVersion": "",
  "maxOsVersion": "",
  "excludedDevices": "ipad",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
  },
  "screenshots": [],
```

```
"faqs": [
  {
    "question": "question text",
    "answer": "answer",
    "displayOrder": 1
  }
],
"storeSettings": {
  "rate": false,
  "review": false
}
},
"policies": [
  {
    "policyName": "OnlineSessionRequired",
    "policyValue": "false",
    "policyType": "boolean",
    "policyCategory": "Authentication",
    "title": "Online session required",
    "description": "\nIf On, the user must have a ...",
    "units": null,
    "explanation": null
  },
  {
    "policyName": "BlockJailbrokenDevices",
    "policyValue": "true",
    "policyType": "boolean",
    "policyCategory": "Device Security",
    "title": "Block jailbroken or rooted",
    "description": "\nIf On, the application is locked when ...",
    "units": null,
    "explanation": null
  }
}
```



```

    ],
    "avppParams": null,
    "avppTokenParams": null,
    "rules": null,
    "appType": "mobile_ios",
    "uuid": "faff516e-6fa6-4ab0-a352-7572cf82eb2d",
    "id": 5
  },
  "android": null,
  "android_knox": null,
  "android_work": null,
  "windows": null,
  "windows_tab": null
}
}

```

3.15.2.2 Upload MDX Mobile App in new container

This API creates a new MDX app container and uploads the application for the platform specified.

URL	https://hostname:4443/xenmobile/api/v1/application/mobile/mdx/{platform}
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Valid platforms are: ios, android, windows, windows_tab.

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/mobile/mdx/ios
```

Sample Request:

```

appInfo = {
  "name": "MDX App",
  "description": "description should be here ",
  "category": [
    "default"
  ]
}

```

```

],
"deliveryGroups": [
  "AllUsers"
],
"workflowTemplateName": "",
"deploymentSchedule": {
  "enableDeployment": true,
  "deploySchedule": "NOW",
  "deployDate": "",
  "deployTime": "",
  "deployScheduleCondition": "EVERYTIME",
  "deployInBackground": false
}
}
uploadFile = Application binary

```

Field Name	
deploySchedule	Valid values are: <ul style="list-style-type: none"> - NOW - LATER For "LATER", specify "deployDate" and "deployTime" in the following format: "deployDate": "03/14/2018" - MM/DD/YYYY "deployTime": "17:44" – 24 hour format
deployScheduleCondition	Valid values are: <ul style="list-style-type: none"> - EVERYTIME (On every connection) - ONPREVIOUSFAILED (Only when previous deployment fails)

Sample Response:

```

{
  "status": 0,
  "message": "Operation completed successfully. Container Id : 4",
  "container": {
    "id": 4,
    "name": "MDX App",
    "description": "description should be here ",
    "createdOn": null,
  }
}

```

```
"lastUpdated": null,
"disabled": false,
"nbSuccess": 0,
"nbFailure": 0,
"nbPending": 0,
"schedule": {
  "enableDeployment": true,
  "deploySchedule": "NOW",
  "deployScheduleCondition": "EVERYTIME",
  "deployDate": null,
  "deployTime": null,
  "deployInBackground": false
},
"permitAsRequired": true,
"iconData": "iVBORw0KGgoAAAANSUHE...P14AAAAASUVORK5CYII=",
"appType": "MDX",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"ios": {
  "displayName": "WorxNotes",
  "description": "description should be here ",
  "paid": false,
  "removeWithMdm": false,
  "preventBackup": false,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
```

```
"appVersion": "22",
"minOsVersion": "",
"maxOsVersion": "",
"excludedDevices": "",
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [],
  "storeSettings": null
},
"policies": [
  {
    "policyName": "OnlineSessionRequired",
    "policyValue": "false",
    "policyType": "boolean",
    "policyCategory": "Authentication",
    "title": "Online session required",
    "description": "\nIf On, the user must have a ...",
    "units": null,
    "explanation": null
  },
  {
    "policyName": "BlockJailbrokenDevices",
    "policyValue": "true",
    "policyType": "boolean",
    "policyCategory": "Device Security",
    "title": "Block jailbroken or rooted",
    "description": "\nIf On, the application is locked when ...",
    "units": null,
    "explanation": null
  }
]
```

```

    }
  ],
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_ios",
  "uuid": "faff516e-6fa6-4ab0-a352-7572cf82eb2d",
  "id": 5
},
"android": null,
"android_knox": null,
"android_work": null,
"windows": null,
"windows_tab": null
}
}

```

3.15.2.3 Upload MDX Mobile App to existing container

This API uploads a MDX app for the platform specified in the URL to an existing application container.

URL	https://hostname:4443/xenmobile/api/v1/application/mobile/mdx/{platform}/{containerId}
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Valid platforms are: ios, android, windows, windows_tab.

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/mobile/mdx/android/4
```

Sample Request:

```

appInfo = {
  "name": "MDX App 1",
  "description": "description should be here ",
  "category": [

```

```

    "default"
  ],
  "deliveryGroups": [
    "AllUsers"
  ],
  "workflowTemplateName": "",
  "deploymentSchedule": {
    "enableDeployment": true,
    "deploySchedule": "NOW",
    "deployDate": "",
    "deployTime": "",
    "deployScheduleCondition": "EVERYTIME",
    "deployInBackground": false
  }
}
uploadFile = Application binary

```

Field Name	
deploySchedule	Valid values are: <ul style="list-style-type: none"> - NOW - LATER For "LATER", specify "deployDate" and "deployTime" in the following format: "deployDate": "03/14/2018" - MM/DD/YYYY "deployTime": "17:44" – 24 hour format
deployScheduleCondition	Valid values are: <ul style="list-style-type: none"> - EVERYTIME (On every connection) - ONPREVIOUSFAILED (Only when previous deployment has failed)

Sample Response:

```

{
  "status": 0,
  "message": "Operation completed successfully. Container Id : 4",
  "container": {
    "id": 4,
    "name": "MDX App 1",
    "description": "description should be here ",

```

```
"createdOn": null,
"lastUpdated": null,
"disabled": false,
"nbSuccess": 0,
"nbFailure": 0,
"nbPending": 0,
"schedule": {
  "enableDeployment": true,
  "deploySchedule": "NOW",
  "deployScheduleCondition": "EVERYTIME",
  "deployDate": null,
  "deployTime": null,
  "deployInBackground": false
},
"permitAsRequired": true,
"iconData": "iVBORw0KGgoAAAA...6pcP14AAAAASUVORK5CYII=",
"appType": "MDX",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"ios": {
  "displayName": "WorxNotes",
  "description": "description should be here",
  "paid": false,
  "removeWithMdm": false,
  "preventBackup": false,
  "changeManagementState": true,
  "associateToDevice": false,
```

```
"canAssociateToDevice": false,
"appVersion": "22",
"minOsVersion": "",
"maxOsVersion": "",
"excludedDevices": "",
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [],
  "storeSettings": null
},
"policies": [
  {
    "policyName": "OnlineSessionRequired",
    "policyValue": "false",
    "policyType": "boolean",
    "policyCategory": "Authentication",
    "title": "Online session required",
    "description": "\nIf On, the user must have a ...",
    "units": null,
    "explanation": null
  },
  {
    "policyName": "BlockJailbrokenDevices",
    "policyValue": "true",
    "policyType": "boolean",
    "policyCategory": "Device Security",
    "title": "Block jailbroken or rooted",
    "description": "\nIf On, the application is locked ...",
    "units": null,
  }
]
```



```

        "explanation": null
    }
],
"avppParams": null,
"avppTokenParams": null,
"rules": null,
"appType": "mobile_ios",
"uuid": "faff516e-6fa6-4ab0-a352-7572cf82eb2d",
"id": 5
},
"android": {
    "displayName": "WorxNotes",
    "description": "description should be here ",
    "paid": false,
    "removeWithMdm": false,
    "preventBackup": false,
    "changeManagementState": true,
    "associateToDevice": false,
    "canAssociateToDevice": false,
    "appVersion": "0.0",
    "minOsVersion": "",
    "maxOsVersion": "",
    "excludedDevices": "",
    "store": {
        "rating": {
            "rating": 0,
            "reviewerCount": 0
        },
        "screenshots": [],
        "faqs": [],
        "storeSettings": null
    },
    "policies": [

```

```

    {
      "policyName": "OnlineSessionRequired",
      "policyValue": "false",
      "policyType": "boolean",
      "policyCategory": "Authentication",
      "title": "Online session required",
      "description": "\nIf On, the user must have a ...",
      "units": null,
      "explanation": null
    },
    {
      "policyName": "BlockRootedDevices",
      "policyValue": "true",
      "policyType": "boolean",
      "policyCategory": "Device Security",
      "title": "Block jailbroken or rooted",
      "description": "\nIf On, the application is locked when ...",
      "units": null,
      "explanation": null
    }
  ],
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_android",
  "uuid": "4fcc524e-8118-45cf-862a-dbc769e4da6c",
  "id": 7
},
"android_knox": null,
"android_work": null,
"windows": null,
"windows_tab": null
}

```

```
}
```

3.15.2.4 Update platform details inside the container for MDX apps

This API edits some properties of the specified platform.

URL	https://hostname:4443/xenmobile/api/v1/application/mobile/mdx/{platform}/{containerId}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/mobile/mdx/ios/4
```

Sample Request:

```
{
  "displayName": "WorxNotes_edited",
  "description": "Edited Description for the app",
  "removeWithMdm": true,
  "preventBackup": true,
  "appVersion": "5.0.0.1",
  "minOsVersion": "",
  "maxOsVersion": "",
  "excludedDevices": "ipad",
  "store": {
    "faqs": [
      {
        "question": "question text",
        "answer": "answer",
        "displayOrder": 1
      }
    ],
    "storeSettings": {
      "rate": false,
      "review": false
    }
  }
}
```

```
}  
}  
}
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Success",  
  "container": {  
    "id": 4,  
    "name": "MDX App 1",  
    "description": "description should be here ",  
    "createdOn": null,  
    "lastUpdated": null,  
    "disabled": false,  
    "nbSuccess": 0,  
    "nbFailure": 0,  
    "nbPending": 0,  
    "schedule": {  
      "enableDeployment": true,  
      "deploySchedule": "NOW",  
      "deployScheduleCondition": "EVERYTIME",  
      "deployDate": null,  
      "deployTime": null,  
      "deployInBackground": false  
    },  
    "permitAsRequired": true,  
    "iconData": "iVBORw0KGgoAAAA...AAASUVORK5CYII=",  
    "appType": "MDX",  
    "categories": [  
      "Default"  
    ],  
    "roles": [  

```

```
"AllUsers"
],
"workflow": null,
"vppAccount": null,
"ios": {
  "displayName": "WorxNotes_edited",
  "description": "Edited Description for the app",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "appVersion": "5.0.0.1",
  "minOsVersion": "",
  "maxOsVersion": "",
  "excludedDevices": "ipad",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
    "screenshots": [],
    "faqs": [
      {
        "question": "question text",
        "answer": "answer",
        "displayOrder": 1
      }
    ],
    "storeSettings": {
      "rate": false,
      "review": false
    }
  }
}
```

```

    }
  },
  "policies": [
    {
      "policyName": "OnlineSessionRequired",
      "policyValue": "false",
      "policyType": "boolean",
      "policyCategory": "Authentication",
      "title": "Online session required",
      "description": "\nIf On, the user must have a ...",
      "units": null,
      "explanation": null
    },
    {
      "policyName": "BlockJailbrokenDevices",
      "policyValue": "true",
      "policyType": "boolean",
      "policyCategory": "Device Security",
      "title": "Block jailbroken or rooted",
      "description": "\nIf On, the application is locked when ...",
      "units": null,
      "explanation": null
    }
  ],
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_ios",
  "uuid": "faff516e-6fa6-4ab0-a352-7572cf82eb2d",
  "id": 5
},
"android": null,
"android_knox": null,

```

```

    "android_work": null,
    "windows": null,
    "windows_tab": null
  }
}

```

3.15.3 Enterprise Mobile App

3.15.3.1 Get Enterprise Mobile App by Container ID

URL	https://hostname:4443/xenmobile/api/v1/application/mobile/{containerId}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/mobile/5
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 5,
    "name": "Enterprise App 1",
    "description": "description should be here ",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,
      "deploySchedule": "NOW",
      "deployScheduleCondition": "EVERYTIME",

```

```
"deployDate": null,
"deployTime": null,
"deployInBackground": false
},
"permitAsRequired": true,
"iconData": "iVBORw0KGgo...7MtUcAAAAASUVORK5CYII=",
"appType": "Enterprise",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"ios": {
  "displayName": "Groupon",
  "description": "description should be here ",
  "paid": false,
  "removeWithMdm": false,
  "preventBackup": false,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "appVersion": "2273",
  "minOsVersion": "4.0",
  "maxOsVersion": "",
  "excludedDevices": "",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    }
  }
},
```



```

    "screenshots": [],
    "faqs": [],
    "storeSettings": null
  },
  "policies": null,
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_ios",
  "uuid": "98d93e3a-16b8-4a00-874f-8e6b3185e041",
  "id": 8
},
"android": null,
"android_knox": null,
"android_work": null,
"windows": null,
"windows_tab": null
}
}

```

3.15.3.2 Upload Enterprise Mobile App in a new container

This API creates a new container and uploads the application for the platform specified.

URL	https://hostname:4443/xenmobile/api/v1/application/mobile/enterprise/{platform}
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Valid platforms are: ios, android, android_work, android_knox, windows, windows_tab.

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/mobile/enterprise/ios
```

Sample Request:

```
appInfo = {
  "name": "Enterprise App 1",

```

```

"description": "description should be here ",
"category": [
  "default"
],
"deliveryGroups": [
  "AllUsers"
],
"workflowTemplateName": "",
"deploymentSchedule": {
  "enableDeployment": true,
  "deploySchedule": "NOW",
  "deployDate": "",
  "deployTime": "",
  "deployScheduleCondition": "EVERYTIME",
  "deployInBackground": false
}
}
uploadFile = Application binary

```

Field Name	
deploySchedule	Valid values are: <ul style="list-style-type: none"> - NOW - LATER For "LATER", specify "deployDate" and "deployTime" in the following format: "deployDate": "03/14/2018" - MM/DD/YYYY "deployTime": "17:44" – 24 hour format
deployScheduleCondition	Valid values are: <ul style="list-style-type: none"> - EVERYTIME (On every connection) - ONPREVIOUSFAILED (Only when previous deployment has failed)

Sample Response:

```

{
  "status": 0,
  "message": "Operation completed successfully. Container Id : 5",
  "container": {
    "id": 5,
    "name": "Enterprise App 1",

```

```
"description": "description should be here ",
"createdOn": null,
"lastUpdated": null,
"disabled": false,
"nbSuccess": 0,
"nbFailure": 0,
"nbPending": 0,
"schedule": {
  "enableDeployment": true,
  "deploySchedule": "NOW",
  "deployScheduleCondition": "EVERYTIME",
  "deployDate": null,
  "deployTime": null,
  "deployInBackground": false
},
"permitAsRequired": true,
"iconData": "iVBORw0KGgoA...Mi7MtUcAAAAASUVORK5CYII=",
"appType": "Enterprise",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"ios": {
  "displayName": "Groupon",
  "description": "description should be here ",
  "paid": false,
  "removeWithMdm": false,
  "preventBackup": false,
  "changeManagementState": true,
```

```

    "associateToDevice": false,
    "canAssociateToDevice": false,
    "appVersion": "2273",
    "minOsVersion": "4.0",
    "maxOsVersion": "",
    "excludedDevices": "",
    "store": {
      "rating": {
        "rating": 0,
        "reviewerCount": 0
      },
      "screenshots": [],
      "faqs": [],
      "storeSettings": null
    },
    "policies": null,
    "avppParams": null,
    "avppTokenParams": null,
    "rules": null,
    "appType": "mobile_ios",
    "uuid": "98d93e3a-16b8-4a00-874f-8e6b3185e041",
    "id": 8
  },
  "android": null,
  "android_knox": null,
  "android_work": null,
  "windows": null,
  "windows_tab": null
}
}

```

3.15.3.3 Upload Enterprise Mobile App to existing container

This API uploads an Enterprise app for the platform specified in the URL to an existing application container.

URL	https://hostname:4443/xenmobile/api/v1/application/mobile/enterprise/{platform}/{containerId}
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Valid platforms are: ios, android, android_work, android_knox, windows, windows_tab.

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/mobile/enterprise/android/5
```

Sample Request:

```
appInfo = {
  "name": "Enterprise App 1",
  "description": "description should be here (updated)",
  "category": [
    "default"
  ],
  "deliveryGroups": [
    "AllUsers"
  ],
  "workflowTemplateName": "",
  "deploymentSchedule": {
    "enableDeployment": true,
    "deploySchedule": "NOW",
    "deployDate": "",
    "deployTime": "",
    "deployScheduleCondition": "EVERYTIME",
    "deployInBackground": false
  }
}
uploadFile = Application binary
```

Field Name	
deploySchedule	Valid values are: - NOW

	<ul style="list-style-type: none"> - LATER <p>For "LATER", specify "deployDate" and "deployTime" in the following format: "deployDate": "03/14/2018" - MM/DD/YYYY "deployTime": "17:44" – 24 hour format</p>
deployScheduleCondition	Valid values are: <ul style="list-style-type: none"> - EVERYTIME (On every connection) - ONPREVIOUSFAILED (Only when previous deployment has failed)

Sample Response:

```
{
  "status": 0,
  "message": "Operation completed successfully. Container Id : 5",
  "container": {
    "id": 5,
    "name": "Enterprise App 1",
    "description": "description should be here (updated)",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,
      "deploySchedule": "NOW",
      "deployScheduleCondition": "EVERYTIME",
      "deployDate": null,
      "deployTime": null,
      "deployInBackground": false
    },
    "permitAsRequired": true,
    "iconData": "iVBORw0KGgo...gAAAABJRU5ErkJggg==",
    "appType": "Enterprise",
    "categories": [
      "Default"
    ]
  }
}
```

```
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"ios": {
  "displayName": "Groupon",
  "description": "description should be here ",
  "paid": false,
  "removeWithMdm": false,
  "preventBackup": false,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "appVersion": "2273",
  "minOsVersion": "4.0",
  "maxOsVersion": "",
  "excludedDevices": "",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
    "screenshots": [],
    "faqs": [],
    "storeSettings": null
  },
  "policies": null,
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_ios",
```

```
"uuid": "98d93e3a-16b8-4a00-874f-8e6b3185e041",
  "id": 8
},
"android": {
  "displayName": "Jota Text Editor",
  "description": "description should be here (updated)",
  "paid": false,
  "removeWithMdm": false,
  "preventBackup": false,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "appVersion": "0.2.30",
  "minOsVersion": "",
  "maxOsVersion": "",
  "excludedDevices": "",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
    "screenshots": [],
    "faqs": [],
    "storeSettings": null
  },
  "policies": null,
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_android",
  "uuid": "9b76aff1-a075-42a4-a71b-92d7fa945657",
  "id": 9
},
```



```

    "android_knox": null,
    "android_work": null,
    "windows": null,
    "windows_tab": null
  }
}

```

3.15.4 WebLink App

3.15.4.1 Get Weblink App by Container Id

URL	https://hostname:4443/xenmobile/api/v1/application/weblink/{containerId}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/weblink/3
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 3,
    "name": "TestWebLink",
    "description": "Use this connector to add any web URL",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,

```

```
"deploySchedule": "LATER",
"deployScheduleCondition": "EVERYTIME",
"deployDate": "3/14/2018",
"deployTime": "17:44",
"deployInBackground": false
},
"permitAsRequired": true,
"iconData": "iVBORw0KGgoAAAA...YpWhIAAAAAE1FTkSuQmCC",
"appType": "Web Link",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"application": {
  "name": "Web Link",
  "displayName": null,
  "domainName": null,
  "connectorName": null,
  "deprovisionOperation": null,
  "iconPath": "Web Link",
  "autoProvisionEnabled": false,
  "mblStoreData": null,
  "provisionStoreData": null,
  "reconRule": null,
  "ssoStoreData": {
    "attrstatement": null,
    "acsUrl": null,
    "relayStateUrl": null,
    "nameIdValueAttribute": null,
```

```
"nameIdFormat": null,
"loginUrl": "https://www.citrix.com",
"domainName": null,
"enterpriseAttrs": {},
"samlType": null,
"samlSpEntityId": null,
"samlProtocolAttrs": null,
"samlIDPAttrs": null,
"subjectmappingattr": null,
"ssoMechanismId": 3,
"samlVersion": null,
"isDomainRequired": false
},
"storeFrontSeqNum": 0,
"useADCredentials": false,
"userAcctNameRule": null,
"provisioningEnabled": false,
"provisioningSupported": false,
"ssoEnabled": true,
"passwordRule": null,
"uuid": "64f91fbc-6e98-436b-aa38-3bc206164386",
"vpn": true,
"required": false,
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [
    {
      "question": "Question?",
      "answer": "Answer",
```

```

        "displayOrder": 1
    }
],
"storeSettings": {
    "rate": true,
    "review": false
}
},
"policies": null
}
}
}

```

3.15.4.2 Add WebLink App

URL	https://hostname:4443/xenmobile/api/v1/application/weblink
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "name": "TestWebLink",
  "description": "Use this connector to add any web URL",
  "vpn": true,
  "loginUrl": "https://www.citrix.com",
  "categories": [
    "Default"
  ],
  "roles": [
    "AllUsers"
  ],
  "schedule": {
    "enableDeployment": true,
    "deploySchedule": "LATER",
  }
}

```

```

    "deployScheduleCondition": "EVERYTIME",
    "deployDate": "03/14/2018",
    "deployTime": "17:44",
    "deployInBackground": false
  },
  "faqs": [
    {
      "question": "Question?",
      "answer": "Answer",
      "displayOrder": "1"
    }
  ],
  "storeSettings": {
    "rate": true,
    "review": false
  }
}

```

name, description and loginUrl are the only mandatory fields.

Field Name	
deploySchedule	Valid values are: <ul style="list-style-type: none"> - NOW - LATER For "LATER", specify "deployDate" and "deployTime" in the following format: "deployDate": "03/14/2018" - MM/DD/YYYY "deployTime": "17:44" – 24 hour format
deployScheduleCondition	Valid values are: <ul style="list-style-type: none"> - EVERYTIME (On every connection) - ONPREVIOUSFAILED (Only when previous deployment has failed)

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 3,

```

```
"name": "TestWebLink",
"description": "Use this connector to add any web URL",
"createdOn": null,
"lastUpdated": null,
"disabled": true,
"nbSuccess": 0,
"nbFailure": 0,
"nbPending": 0,
"schedule": {
  "enableDeployment": true,
  "deploySchedule": "LATER",
  "deployScheduleCondition": "EVERYTIME",
  "deployDate": "3/14/2018",
  "deployTime": "17:44",
  "deployInBackground": false
},
"permitAsRequired": true,
"iconData": "iVBORw0KGgoAAAANSUHEUgA...AAAAE1FTkSuQmCC",
"appType": "Web Link",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"application": {
  "name": "Web Link",
  "displayName": null,
  "domainName": null,
  "connectorName": null,
  "deprovisionOperation": null,
```

```
"iconPath": "Web Link",
"autoProvisionEnabled": false,
"mblStoreData": null,
"provisionStoreData": null,
"reconRule": null,
"ssoStoreData": {
  "attrstatement": null,
  "acsUrl": null,
  "relayStateUrl": null,
  "nameIdValueAttribute": null,
  "nameIdFormat": null,
  "loginUrl": "https://www.citrix.com",
  "domainName": null,
  "enterpriseAttrs": {},
  "samlType": null,
  "samlSpEntityId": null,
  "samlProtocolAttrs": null,
  "samlIDPAttrs": null,
  "subjectmappingattr": null,
  "ssoMechanismId": 3,
  "samlVersion": null,
  "isDomainRequired": false
},
"storeFrontSeqNum": 0,
"useADCredentials": false,
"userAcctNameRule": null,
"provisioningEnabled": false,
"provisioningSupported": false,
"ssoEnabled": true,
"passwordRule": null,
"uuid": "64f91fbc-6e98-436b-aa38-3bc206164386",
"vpn": true,
"required": false,
```

```

"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [
    {
      "question": "Question?",
      "answer": "Answer",
      "displayOrder": 1
    }
  ],
  "storeSettings": {
    "rate": true,
    "review": false
  }
},
"policies": null
}
}
}

```

3.15.4.3 Update WebLink App

URL	https://hostname:4443 /xenmobile/api/v1/application/weblink/{containerId}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/weblink/3
```

Sample Request:


```

{
  "name": "TestWebLink",
  "description": "Use this connector to add any web URL",
  "vpn": true,
  "loginUrl": "https://www.citrix.com",
  "categories": [
    "Default"
  ],
  "roles": [
    "AllUsers"
  ],
  "schedule": {
    "enableDeployment": true,
    "deploySchedule": "NOW",
    "deployScheduleCondition": "EVERYTIME",
    "deployDate": "",
    "deployTime": "",
    "deployInBackground": false
  },
  "faqs": [],
  "storeSettings": {
    "rate": true,
    "review": true
  }
}

```

name, description and loginUrl are the only mandatory fields.

Field Name	
deploySchedule	Valid values are: <ul style="list-style-type: none"> - NOW - LATER For "LATER", specify "deployDate" and "deployTime" in the following format: "deployDate": "03/14/2018" - MM/DD/YYYY "deployTime": "17:44" – 24 hour format
deployScheduleCondition	Valid values are: <ul style="list-style-type: none"> - EVERYTIME (On every connection)

- ONPREVIOUSFAILED (Only when previous deployment has failed)

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 3,
    "name": "TestWebLink",
    "description": "Use this connector to add any web URL",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,
      "deploySchedule": "NOW",
      "deployScheduleCondition": "EVERYTIME",
      "deployDate": null,
      "deployTime": null,
      "deployInBackground": false
    },
    "permitAsRequired": true,
    "iconData": "iVBORw0KGgoAAAANS...AAAAAE1FTkSuQmCC",
    "appType": "Web Link",
    "categories": [
      "Default"
    ],
    "roles": [
      "AllUsers"
    ],
    "workflow": null,
  }
}
```

```
"vppAccount": null,
"application": {
  "name": "Web Link",
  "displayName": null,
  "domainName": null,
  "connectorName": null,
  "deprovisionOperation": null,
  "iconPath": "Web Link",
  "autoProvisionEnabled": false,
  "mblStoreData": null,
  "provisionStoreData": null,
  "reconRule": null,
  "ssoStoreData": {
    "attrstatement": null,
    "acsUrl": null,
    "relayStateUrl": null,
    "nameIdValueAttribute": null,
    "nameIdFormat": null,
    "loginUrl": "https://www.citrix.com",
    "domainName": null,
    "enterpriseAttrs": {},
    "samlType": null,
    "samlSpEntityId": null,
    "samlProtocolAttrs": null,
    "samlIDPAttrs": null,
    "subjectmappingattr": null,
    "ssoMechanismId": 3,
    "samlVersion": null,
    "isDomainRequired": false
  },
  "storeFrontSeqNum": 0,
  "useADCredentials": false,
  "userAcctNameRule": null,
```

```

    "provisioningEnabled": false,
    "provisioningSupported": false,
    "ssoEnabled": true,
    "passwordRule": null,
    "uuid": "64f91fbc-6e98-436b-aa38-3bc206164386",
    "vpn": true,
    "required": false,
    "store": {
      "rating": {
        "rating": 0,
        "reviewerCount": 0
      },
      "screenshots": [],
      "faqs": [],
      "storeSettings": {
        "rate": true,
        "review": true
      }
    },
    "policies": null
  }
}
}

```

3.15.5 Web/SaaS App

3.15.5.1 Get All Web/SaaS Connectors

This API returns all available Web/SaaS connectors.

URL	https://hostname:4443 /xenmobile/api/v1/application/saas/connector
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "connectors": [
    {
      "singleInstanceOnly": false,
      "iconPath": "Salesforce_SAML_SP",
      "description": "Leader in customer relationship management (CRM) and cloud computing",
      "ssoStoreData": {
        "attrstatement": null,
        "acsUrl": null,
        "relayStateUrl": null,
        "nameIdValueAttribute": null,
        "nameIdFormat": null,
        "loginUrl": "${LoginUrl}",
        "domainName": null,
        "enterpriseAttrs": {
          "AcsUrl": ""
        },
        "samlType": null,
        "samlSpEntityId": null,
        "samlProtocolAttrs": null,
        "samlIDPAttrs": null,
        "subjectmappingattr": null,
        "ssoMechanismId": 1,
        "samlVersion": null,
        "isDomainRequired": false
      },
      "connectorType": 1,
      "provisioningSupported": true,
      "name": "Salesforce_SAML_SP",
      "ssoSupported": true
    },
  ],
}

```

```

{
  "singleInstanceOnly": true,
  "iconPath": "GoogleApps_SAML",
  "description": "Providing independently customizable versions of several Google
products under a custom domain name",
  "ssoStoreData": {
    "attrstatement": null,
    "acsUrl": null,
    "relayStateUrl": null,
    "nameIdValueAttribute": null,
    "nameIdFormat": null,
    "loginUrl": "${LoginUrl}",
    "domainName": null,
    "enterpriseAttrs": {},
    "samlType": null,
    "samlSpEntityId": null,
    "samlProtocolAttrs": null,
    "samlIDPAttrs": null,
    "subjectmappingattr": null,
    "ssoMechanismId": 1,
    "samlVersion": null,
    "isDomainRequired": true
  },
  "connectorType": 1,
  "provisioningSupported": false,
  "name": "GoogleApps_SAML",
  "ssoSupported": true
}
]
}

```

3.15.5.2 Get Web/SaaS Connector by Connector Name

This API returns a Web/SaaS connector by connector name.

URL	https://hostname:4443/xenmobile/api/v1/application/saas/connector/{connectorName}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/saas/connector/ShareFile_SAML
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "connector": {
    "singleInstanceOnly": false,
    "iconPath": "ShareFile_SAML",
    "description": "Online storage for business",
    "ssoStoreData": {
      "attrstatement": null,
      "acsUrl": null,
      "relayStateUrl": null,
      "nameIdValueAttribute": null,
      "nameIdFormat": null,
      "loginUrl": "https://${Domain}/saml/login",
      "domainName": null,
      "enterpriseAttrs": {},
      "samlType": null,
      "samlSpEntityId": null,
      "samlProtocolAttrs": null,
      "samlIDPAttrs": null,
      "subjectmappingattr": null,
      "ssoMechanismId": 2,
      "samlVersion": null,
      "isDomainRequired": true
    }
  },
}
```

```

    "connectorType": 1,
    "provisioningSupported": true,
    "name": "ShareFile_SAML",
    "ssoSupported": true
  }
}

```

3.15.5.3 Get Web/SaaS App by Container ID

This API returns a Web/SaaS app by container id.

URL	https://hostname:4443 /xenmobile/api/v1/application/saas/{containerId}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/saas/7
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 7,
    "name": "ShareFile_SAML",
    "description": "Online storage for business",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,

```



```
"deploySchedule": "NOW",
"deployScheduleCondition": "EVERYTIME",
"deployDate": null,
"deployTime": null,
"deployInBackground": false
},
"permitAsRequired": true,
"iconData": null,
"appType": "Web & Saas",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": {
  "name": "ZeroApprovalsWF",
  "description": "this is default template",
  "managerLevels": 0,
  "completionType": 2,
  "additionalApprovers": null,
  "emailTplId": null
},
"vppAccount": null,
"application": {
  "name": "ShareFile_SAML",
  "displayName": null,
  "domainName": "subdomain.sharefile.com",
  "connectorName": "ShareFile_SAML",
  "deprovisionOperation": "disable",
  "iconPath": "ShareFile_SAML",
  "autoProvisionEnabled": false,
  "mblStoreData": null,
```

```
"provisionStoreData": {
  "forestName": null,
  "domainName": null,
  "fetchBaseDN": null,
  "groupBaseDN": null,
  "password": "password",
  "port": null,
  "loginName": "user.name@domain.com",
  "ipAddress": null,
  "userSync": false,
  "secureLDAP": false,
  "groupSync": false,
  "gcPort": 0,
  "secondaryIpAddress": null,
  "lockoutLimit": 0,
  "userSearchBy": null,
  "gcRootContext": null,
  "lockoutTime": 0
},
"reconRule": null,
"ssoStoreData": {
  "attrstatement": null,
  "acsUrl": null,
  "relayStateUrl": null,
  "nameIdValueAttribute": null,
  "nameIdFormat": null,
  "loginUrl": "https://subdomain.sharefile.com/saml/login",
  "domainName": "subdomain.sharefile.com",
  "enterpriseAttrs": {},
  "samlType": null,
  "samlSpEntityId": null,
  "samlProtocolAttrs": null,
  "samlIDPAttrs": null,

```

```
"subjectmappingattr": null,
"ssoMechanismId": 1,
"samlVersion": null,
"isDomainRequired": false
},
"storeFrontSeqNum": 0,
"useADCredentials": false,
"userAcctNameRule": "$EMAIL$FN",
"provisioningEnabled": true,
"provisioningSupported": true,
"ssoEnabled": true,
"passwordRule": {
  "minLength": 8,
  "maxLength": 8,
  "isUsernameOK": false,
  "isSpecialCharacterRequired": true,
  "isCapitalLetterRequired": true,
  "firstRemainderMail": 7,
  "pwdValidity": 90,
  "isAutoResetpwdRequired": false
},
"uuid": "7c680010-c0a4-4c36-a69f-84dcedc504ba",
"vpn": false,
"required": false,
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [
    {
      "question": "Question?",
```

```

        "answer": "Answer",
        "displayOrder": 1
    }
],
"storeSettings": {
    "rate": true,
    "review": false
}
},
"policies": [
    {
        "policyName": "BlockJailbrokenDevices",
        "policyValue": "true",
        "policyType": "boolean",
        "policyCategory": "Device Security",
        "policyHidden": false,
        "valueModified": false,
        "enumValue": null,
        "title": {
            "pStrResId": "ALLOW_JAILBROKEN_TITLE",
            "sValue": "Block jailbroken or rooted"
        },
        "description": {
            "pStrResId": "ALLOW_JAILBROKEN_DESC",
            "sValue": "App requires a device that is not jailbroken or rooted. Default is true."
        },
        "units": {
            "pStrResId": null,
            "sValue": null
        },
        "explanation": {
            "pStrResId": "ALLOW_JAILBROKEN_EXPLANATION",
            "sValue": "\n If true, the managed applica..."
        }
    }
]

```

```

    },
    "category": null
  }
]
}
}
}
}

```

3.15.5.4 Add Web SaaS App

This API adds a new Web SaaS app.

URL	https://hostname:4443 /xenmobile/api/v1/application/saas
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "name": "ShareFile_SAML",
  "description": "Online storage for business",
  "connectorName": "ShareFile_SAML",
  "vpn": false,
  "loginUrl": "https://subdomain.sharefile.com/saml/login",
  "workflowTemplateName": "",
  "domainName": "subdomain.sharefile.com",
  "enterpriseAttrs": { },
  "categories": [
    "Default"
  ],
  "roles": [
    "AllUsers"
  ],
  "schedule": {
    "enableDeployment": true,
    "deploySchedule": "NOW",
  }
}

```

```
"deployDate": "",
"deployScheduleCondition": "EVERYTIME",
"deployInBackground": false
},
"provisioningEnabled": true,
"provisioning": {
  "provisionStoreData": {
    "loginName": "user.name@domain.com",
    "password": "password"
  },
  "passwordRule": {
    "minLength": 8,
    "maxLength": 8,
    "isUsernameOK": false,
    "isSpecialCharacterRequired": true,
    "isCapitalLetterRequired": true,
    "firstRemainderMail": 7,
    "pwdValidity": 90,
    "isAutoResetpwdRequired": false
  },
  "userAcctNameRule": "$EMAIL$FN",
  "deprovisionOperation": "disable"
},
"faqs": [
  {
    "question": "Question?",
    "answer": "Answer",
    "displayOrder": "1"
  }
],
"storeSettings": {
  "rate": true,
  "review": false
```

```
}  
}
```

name, description, connectorName and loginUrl are mandatory. "domainName" and "enterpriseAttrs" are optional or required based on the type of Web/SaaS app. "provisioning" is only needed if "provisioningEnabled" is set as true.

Field Name	
deploySchedule	Valid values are: <ul style="list-style-type: none">- NOW- LATER For "LATER", specify "deployDate" and "deployTime" in the following format: "deployDate": "03/14/2018" - MM/DD/YYYY "deployTime": "17:44" – 24 hour format
deployScheduleCondition	Valid values are: <ul style="list-style-type: none">- EVERYTIME (On every connection)- ONPREVIOUSFAILED (Only when previous deployment has failed)

Sample Response:

```
{  
  "status": 0,  
  "message": "Success",  
  "container": {  
    "id": 7,  
    "name": "ShareFile_SAML",  
    "description": "Online storage for business",  
    "createdOn": null,  
    "lastUpdated": null,  
    "disabled": true,  
    "nbSuccess": 0,  
    "nbFailure": 0,  
    "nbPending": 0,  
    "schedule": {  
      "enableDeployment": true,  
      "deploySchedule": "NOW",  
      "deployScheduleCondition": "EVERYTIME",  
      "deployDate": null,  
      "deployTime": null,  
    }  
  }  
}
```

```
"deployInBackground": false
},
"permitAsRequired": true,
"iconData": null,
"appType": "Web & Saas",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": {
  "name": "ZeroApprovalsWF",
  "description": "this is default template",
  "managerLevels": 0,
  "completionType": 2,
  "additionalApprovers": null,
  "emailTplId": null
},
"vppAccount": null,
"application": {
  "name": "ShareFile_SAML",
  "displayName": null,
  "domainName": "subdomain.sharefile.com",
  "connectorName": "ShareFile_SAML",
  "deprovisionOperation": "disable",
  "iconPath": "ShareFile_SAML",
  "autoProvisionEnabled": false,
  "mblStoreData": null,
  "provisionStoreData": {
    "forestName": null,
    "domainName": null,
    "fetchBaseDN": null,

```



```
"groupBaseDN": null,
"password": "password",
"port": null,
"loginName": "user.name@domain.com",
"ipAddress": null,
"userSync": false,
"secureLDAP": false,
"groupSync": false,
"gcPort": 0,
"secondaryIpAddress": null,
"lockoutLimit": 0,
"userSearchBy": null,
"gcRootContext": null,
"lockoutTime": 0
},
"reconRule": null,
"ssoStoreData": {
  "attrstatement": null,
  "acsUrl": null,
  "relayStateUrl": null,
  "nameIdValueAttribute": null,
  "nameIdFormat": null,
  "loginUrl": "https://subdomain.sharefile.com/saml/login",
  "domainName": "subdomain.sharefile.com",
  "enterpriseAttrs": {},
  "samlType": null,
  "samlSpEntityId": null,
  "samlProtocolAttrs": null,
  "samlIDPAttrs": null,
  "subjectmappingattr": null,
  "ssoMechanismId": 1,
  "samlVersion": null,
  "isDomainRequired": false
```

```
},
"storeFrontSeqNum": 0,
"useADCredentials": false,
"userAcctNameRule": "$EMAIL$FN",
"provisioningEnabled": true,
"provisioningSupported": true,
"ssoEnabled": true,
"passwordRule": {
  "minLength": 8,
  "maxLength": 8,
  "isUsernameOK": false,
  "isSpecialCharacterRequired": true,
  "isCapitalLetterRequired": true,
  "firstRemainderMail": 7,
  "pwdValidity": 90,
  "isAutoResetpwdRequired": false
},
"uuid": "7c680010-c0a4-4c36-a69f-84dcedc504ba",
"vpn": false,
"required": false,
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [
    {
      "question": "Question?",
      "answer": "Answer",
      "displayOrder": 1
    }
  ]
},
],
```

```

    "storeSettings": {
      "rate": true,
      "review": false
    }
  },
  "policies": [
    {
      "policyName": "BlockJailbrokenDevices",
      "policyValue": "true",
      "policyType": "boolean",
      "policyCategory": "Device Security",
      "policyHidden": false,
      "valueModified": false,
      "enumValue": null,
      "title": {
        "pStrResId": "ALLOW_JAILBROKEN_TITLE",
        "sValue": "Block jailbroken or rooted"
      },
      "description": {
        "pStrResId": "ALLOW_JAILBROKEN_DESC",
        "sValue": "App requires a device that is not jailbroken or rooted. Default is true."
      },
      "units": {
        "pStrResId": null,
        "sValue": null
      },
      "explanation": {
        "pStrResId": "ALLOW_JAILBROKEN_EXPLANATION",
        "sValue": "\n If true, the managed applica..."
      },
      "category": null
    }
  ]

```

```
}  
}  
}
```

3.15.5.5 Update Web SaaS App

This API updates an existing Web SaaS app.

URL	https://hostname:4443 /xenmobile/api/v1/application/saas/{containerId}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/saas/7
```

Sample Request:

```
{  
  "name": "ShareFile_SAML",  
  "description": "Online storage for business",  
  "connectorName": "ShareFile_SAML",  
  "vpn": false,  
  "loginUrl": "https://subdomain.sharefile.com/saml/login",  
  "workflowTemplateName": "",  
  "domainName": "subdomain.sharefile.com",  
  "enterpriseAttrs": { },  
  "categories": [  
    "Default"  
  ],  
  "roles": [  
    "AllUsers"  
  ],  
  "schedule": {  
    "enableDeployment": true,  
    "deploySchedule": "NOW",  
  }  
}
```

```

    "deployDate": "",
    "deployScheduleCondition": "EVERYTIME",
    "deployInBackground": false
  },
  "provisioningEnabled": true,
  "provisioning": {
    "provisionStoreData": {
      "loginName": "user.name@domain.com",
      "password": "password"
    },
    "passwordRule": {
      "minLength": 8,
      "maxLength": 8,
      "isUsernameOK": false,
      "isSpecialCharacterRequired": true,
      "isCapitalLetterRequired": true,
      "firstRemainderMail": 7,
      "pwdValidity": 90,
      "isAutoResetpwdRequired": false
    },
    "userAcctNameRule": "$EMAIL$FN",
    "deprovisionOperation": "disable"
  },
  "faqs": [],
  "storeSettings": {
    "rate": true,
    "review": true
  }
}

```

name, description, connectorName and loginUrl are mandatory. "domainName" and "enterpriseAttrs" are optional or required based on the type of Web/SaaS app. "provisioning" is only needed if "provisioningEnabled" is set as true.

Field Name	
deploySchedule	Valid values are: - NOW

	<ul style="list-style-type: none"> - LATER <p>For "LATER", specify "deployDate" and "deployTime" in the following format: "deployDate": "03/14/2018" - MM/DD/YYYY "deployTime": "17:44" – 24 hour format</p>
deployScheduleCondition	Valid values are: <ul style="list-style-type: none"> - EVERYTIME (On every connection) - ONPREVIOUSFAILED (Only when previous deployment has failed)

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 7,
    "name": "ShareFile_SAML",
    "description": "Online storage for business",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,
      "deploySchedule": "NOW",
      "deployScheduleCondition": "EVERYTIME",
      "deployDate": null,
      "deployTime": null,
      "deployInBackground": false
    },
    "permitAsRequired": true,
    "iconData": null,
    "appType": "Web & Saas",
    "categories": [
      "Default"
    ],
  },
}
```

```
"roles": [
  "AllUsers"
],
"workflow": {
  "name": "ZeroApprovalsWF",
  "description": "this is default template",
  "managerLevels": 0,
  "completionType": 2,
  "additionalApprovers": null,
  "emailTplId": null
},
"vppAccount": null,
"application": {
  "name": "ShareFile_SAML",
  "displayName": null,
  "domainName": "subdomain.sharefile.com",
  "connectorName": "ShareFile_SAML",
  "deprovisionOperation": "disable",
  "iconPath": "ShareFile_SAML",
  "autoProvisionEnabled": false,
  "mblStoreData": null,
  "provisionStoreData": {
    "forestName": null,
    "domainName": null,
    "fetchBaseDN": null,
    "groupBaseDN": null,
    "password": "password",
    "port": null,
    "loginName": "user.name@domain.com",
    "ipAddress": null,
    "userSync": false,
    "secureLDAP": false,
    "groupSync": false,
  }
}
```

```
"gcPort": 0,
"secondaryIpAddress": null,
"lockoutLimit": 0,
"userSearchBy": null,
"gcRootContext": null,
"lockoutTime": 0
},
"reconRule": null,
"ssoStoreData": {
  "attrstatement": null,
  "acsUrl": null,
  "relayStateUrl": null,
  "nameIdValueAttribute": null,
  "nameIdFormat": null,
  "loginUrl": "https://subdomain.sharefile.com/saml/login",
  "domainName": "subdomain.sharefile.com",
  "enterpriseAttrs": {},
  "samlType": null,
  "samlSpEntityId": null,
  "samlProtocolAttrs": null,
  "samlIDPAttrs": null,
  "subjectmappingattr": null,
  "ssoMechanismId": 1,
  "samlVersion": null,
  "isDomainRequired": false
},
"storeFrontSeqNum": 0,
"useADCredentials": false,
"userAcctNameRule": "$EMAIL$FN",
"provisioningEnabled": true,
"provisioningSupported": true,
"ssoEnabled": true,
"passwordRule": {
```



```
"minLength": 8,
"maxLength": 8,
"isUsernameOK": false,
"isSpecialCharacterRequired": true,
"isCapitalLetterRequired": true,
"firstRemainderMail": 7,
"pwdValidity": 90,
"isAutoResetpwdRequired": false
},
"uuid": "7c680010-c0a4-4c36-a69f-84dcedc504ba",
"vpn": false,
"required": false,
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [],
  "storeSettings": {
    "rate": true,
    "review": true
  }
},
"policies": [
  {
    "policyName": "BlockJailbrokenDevices",
    "policyValue": "true",
    "policyType": "boolean",
    "policyCategory": "Device Security",
    "policyHidden": false,
    "valueModified": false,
    "enumValue": null,
```

```

    "title": {
      "pStrResId": "ALLOW_JAILBROKEN_TITLE",
      "sValue": "Block jailbroken or rooted"
    },
    "description": {
      "pStrResId": "ALLOW_JAILBROKEN_DESC",
      "sValue": "App requires a device that is not jailbroken or rooted. Default is true."
    },
    "units": {
      "pStrResId": null,
      "sValue": null
    },
    "explanation": {
      "pStrResId": "ALLOW_JAILBROKEN_EXPLANATION",
      "sValue": "\n If true, the managed applica..."
    },
    "category": null
  }
]
}
}
}

```

3.15.6 Public Store App

3.15.6.1 Get Public Store App by container ID

URL	https://hostname:4443 /xenmobile/api/v1/application/store/{containerId}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/store/4
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 4,
    "name": "Microsoft Word",
    "description": "app description",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,
      "deploySchedule": "LATER",
      "deployScheduleCondition": "EVERYTIME",
      "deployDate": "3/14/2018",
      "deployTime": "17:44",
      "deployInBackground": false
    },
    "permitAsRequired": true,
    "iconData": "/9j/4AAQSkZJRgABAQEA...",
    "appType": "App Store App",
    "categories": [
      "Default"
    ],
    "roles": [
      "AllUsers"
    ],
    "workflow": null,
    "vppAccount": null,
  }
}
```

```
"iphone": {
  "name": "MobileApp6",
  "displayName": "Microsoft Office Word",
  "description": "Microsoft Office Word app from app store",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "canDissociateVPP": true,
  "appVersion": "2.3",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
    "screenshots": [],
    "faqs": [
      {
        "question": "Question?",
        "answer": "Answer",
        "displayOrder": 1
      }
    ],
    "storeSettings": {
      "rate": false,
      "review": false
    }
  },
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
```

```
"appType": "mobile_ios",
"uuid": "8b0f08d0-52ef-453f-8d99-d4c1a3e973d7",
"id": 9,
"vppAccount": -1,
"iconPath": "/9j/4AAQSkZJRgABAQE..",
"iconUrl": "http://is3.mzstatic.com/image/thumb/Purple127/v4/e1/35/d2/e135d280-67cf-7f63-ca16-3c5f970a1d70/source/60x60bb.jpg",
"bundleId": "com.microsoft.Office.Word",
"appId": "586447913",
"appKey": null,
"storeUrl": "https://itunes.apple.com/us/app/microsoft-word/id586447913?mt=8&uo=4",
"b2B": false
},
"ipad": null,
"android": {
  "name": "MobileApp5",
  "displayName": "Microsoft Office Word",
  "description": "Microsoft Word",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": false,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "canDissociateVPP": true,
  "appVersion": "16.0.8326.2034",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
    "screenshots": [],
    "faqs": []
  }
}
```

```

    "storeSettings": {
      "rate": true,
      "review": true
    }
  },
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_android",
  "uuid": "40c514dd-1a8a-4e48-96ed-512b658fb333",
  "id": 8,
  "vppAccount": -1,
  "iconPath": "iVBORw0KGgoAAAANSU...",
  "iconUrl": "https://lh3.ggpht.com/j6aNgkpGRXp9PEinADFoSkyfup46-6Rb83bS411fQC_Tc2qg96zQ_aqZcyiaV3M-Ai4",
  "bundleId": "com.microsoft.office.word",
  "appId": null,
  "appKey": null,
  "storeUrl": "https://play.google.com/store/apps/details?id=com.microsoft.office.word",
  "b2B": false
},
"windows": null,
"android_work": null,
"windows_phone": null
}
}

```

3.15.6.2 Add New Public Store App

URL	https://hostname:4443 /xenmobile/api/v1/application/store
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "name": "Microsoft Word",
  "description": "app description",
  "categories": [
    "Default"
  ],
  "roles": [
    "AllUsers"
  ],
  "schedule": {
    "enableDeployment": true,
    "deploySchedule": "LATER",
    "deployScheduleCondition": "EVERYTIME",
    "deployDate": "03/14/2018",
    "deployTime": "17:44",
    "deployInBackground": false
  },
  "iphone": {
    "storeUrl": "https://itunes.apple.com/us/app/microsoft-word/id586447913?mt=8",
    "removeWithMdm": true,
    "preventBackup": true,
    "changeManagementState": true,
    "displayName": "Microsoft Office Word",
    "description": "Microsoft Office Word app from app store",
    "faqs": [
      {
        "question": "Question?",
        "answer": "Answer",
        "displayOrder": "1"
      }
    ],
    "storeSettings": {
      "rate": false,

```

```

    "review": false
  }
},
"android": {
  "storeUrl": "https://play.google.com/store/apps/details?id=com.microsoft.office.word",
  "displayName": "Microsoft Office Word"
}
}

```

Valid platforms are: iphone, ipad, android, android_work, windows, windows_phone.

For Container: name is required.

For Platform Data: storeUrl is required.

Field Name	
deploySchedule	Valid values are: <ul style="list-style-type: none"> - NOW - LATER For "LATER", specify "deployDate" and "deployTime" in the following format: "deployDate": "03/14/2018" - MM/DD/YYYY "deployTime": "17:44" – 24 hour format
deployScheduleCondition	Valid values are: <ul style="list-style-type: none"> - EVERYTIME (On every connection) - ONPREVIOUSFAILED (Only when previous deployment has failed)

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 4,
    "name": "Microsoft Word",
    "description": "app description",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": true,
    "nbSuccess": 0,
    "nbFailure": 0,
  }
}

```



```
"nbPending": 0,
"schedule": {
  "enableDeployment": true,
  "deploySchedule": "LATER",
  "deployScheduleCondition": "EVERYTIME",
  "deployDate": "3/14/2018",
  "deployTime": "17:44",
  "deployInBackground": false
},
"permitAsRequired": true,
"iconData": "/9j/4AAQSkZJRgABAQE..",
"appType": "App Store App",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"iphone": {
  "name": "MobileApp6",
  "displayName": "Microsoft Office Word",
  "description": "Microsoft Office Word app from app store",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "canDissociateVPP": true,
  "appVersion": "2.3",
  "store": {
```

```

"rating": {
  "rating": 0,
  "reviewerCount": 0
},
"screenshots": [],
"faqs": [
  {
    "question": "Question?",
    "answer": "Answer",
    "displayOrder": 1
  }
],
"storeSettings": {
  "rate": false,
  "review": false
}
},
"avppParams": null,
"avppTokenParams": null,
"rules": null,
"appType": "mobile_ios",
"uuid": "8b0f08d0-52ef-453f-8d99-d4c1a3e973d7",
"id": 9,
"vppAccount": -1,
"iconPath": "/9j/4AAQSkZJRgABAQE..",
"iconUrl": "http://is3.mzstatic.com/image/thumb/Purple127/v4/e1/35/d2/e135d280-67cf-7f63-ca16-3c5f970a1d70/source/60x60bb.jpg",
"bundleId": "com.microsoft.Office.Word",
"appId": "586447913",
"appKey": null,
"storeUrl": "https://itunes.apple.com/us/app/microsoft-word/id586447913?mt=8&uo=4",
"b2B": false
},

```

```
"ipad": null,
"android": {
  "name": "MobileApp5",
  "displayName": "Microsoft Office Word",
  "description": "Microsoft Word",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": false,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "canDissociateVPP": true,
  "appVersion": "16.0.8326.2034",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
    "screenshots": [],
    "faqs": [],
    "storeSettings": {
      "rate": true,
      "review": true
    }
  },
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_android",
  "uuid": "40c514dd-1a8a-4e48-96ed-512b658fb333",
  "id": 8,
  "vppAccount": -1,
  "iconPath": "iVBORw0KGgoAAAANSU...",

```

```

    "iconUrl": "https://lh3.ggpht.com/j6aNgkpGRXp9PEinADFoSkyfup46-6Rb83bS411fQC_Tc
2qg96zQ_aqZcyiaV3M-Ai4",
    "bundleId": "com.microsoft.office.word",
    "appId": null,
    "appKey": null,
    "storeUrl": "https://play.google.com/store/apps/details?id=com.microsoft.office
.word",
    "b2B": false
  },
  "windows": null,
  "android_work": null,
  "windows_phone": null
}
}

```

3.15.6.3 Update Public Store App

URL	https://hostname:4443 /xenmobile/api/v1/application/store/{containerId}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/store/4
```

Sample Request:

```

{
  "name": "Microsoft Word - Prod",
  "description": "app description updated",
  "categories": [
    "Default"
  ],
  "roles": [
    "AllUsers"
  ],
}

```

```

"schedule": {
  "enableDeployment": true,
  "deploySchedule": "NOW",
  "deployScheduleCondition": "EVERYTIME",
  "deployDate": "",
  "deployTime": "",
  "deployInBackground": false
},
"iphone": {
  "faqs": [],
  "storeSettings": {
    "rate": true,
    "review": true
  },
  "checkForUpdate": true
}
}

```

Note: This API updates container data and adds or updates platform data if provided for any platform. This API doesn't remove platform data from the app.

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 4,
    "name": "Microsoft Word - Prod",
    "description": "app description updated",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,

```

```
"nbFailure": 0,
"nbPending": 0,
"schedule": {
  "enableDeployment": true,
  "deploySchedule": "NOW",
  "deployScheduleCondition": "EVERYTIME",
  "deployDate": null,
  "deployTime": null,
  "deployInBackground": false
},
"permitAsRequired": true,
"iconData": "/9j/4AAQSkZJRgABAQE...",
"appType": "App Store App",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"iphone": {
  "name": "MobileApp6",
  "displayName": "Microsoft Office Word",
  "description": "Microsoft Office Word app from app store",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "canDissociateVPP": true,
  "appVersion": "2.3",
```

```

"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [],
  "storeSettings": {
    "rate": true,
    "review": true
  }
},
"avppParams": null,
"avppTokenParams": null,
"rules": null,
"appType": "mobile_ios",
"uuid": "8b0f08d0-52ef-453f-8d99-d4c1a3e973d7",
"id": 9,
"vppAccount": -1,
"iconPath": "/9j/4AAQSkZJRgABAQE...",
"iconUrl": "http://is3.mzstatic.com/image/thumb/Purple127/v4/e1/35/d2/e135d280-67cf-7f63-ca16-3c5f970a1d70/source/60x60bb.jpg",
"bundleId": "com.microsoft.Office.Word",
"appId": "586447913",
"appKey": null,
"storeUrl": "https://itunes.apple.com/us/app/microsoft-word/id586447913?mt=8&uo=4",
"b2B": false
},
"ipad": null,
"android": {
  "name": "MobileApp5",
  "displayName": "Microsoft Office Word",
  "description": "Microsoft Word",

```

```
"paid": false,
"removeWithMdm": true,
"preventBackup": true,
"changeManagementState": false,
"associateToDevice": false,
"canAssociateToDevice": false,
"canDissociateVPP": true,
"appVersion": "16.0.8326.2034",
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [],
  "storeSettings": {
    "rate": true,
    "review": true
  }
},
"avppParams": null,
"avppTokenParams": null,
"rules": null,
"appType": "mobile_android",
"uuid": "40c514dd-1a8a-4e48-96ed-512b658fb333",
"id": 8,
"vppAccount": -1,
"iconPath": "iVBORw0KGgoAAAANSUh...",
"iconUrl": "https://lh3.ggpht.com/j6aNkgpGRXp9PEinADFoSkyfup46-6Rb83bS411fQC_Tc
2qg96zQ_aqZcyiaV3M-Ai4",
"bundleId": "com.microsoft.office.word",
"appId": null,
"appKey": null,
```



```

    "storeUrl": "https://play.google.com/store/apps/details?id=com.microsoft.office
.word",
    "b2B": false
  },
  "windows": null,
  "android_work": null,
  "windows_phone": null
}
}

```

3.15.6.4 Add Public Store App platform data

URL	https://hostname:4443/xenmobile/api/v1/application/store/{containrId}/platform/{platform}
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/store/4/platform/windows_phone
```

Valid plaforms are : iphone, ipad, android, android_work, windows, windows_phone.

Sample Request:

```

{
  "storeUrl": "https://www.microsoft.com/en-us/store/p/word-mobile/9wzdncrfjb9s",
  "displayName": "Microsoft Office Word - windows phone",
  "faqs": [
    {
      "question": "Question?",
      "answer": "Answer"
    }
  ],
  "storeSettings": {
    "rate": false,

```

```
    "review": false
  }
}
```

storeId is required.

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 4,
    "name": "Microsoft Word - Prod",
    "description": "app description updated",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,
      "deploySchedule": "NOW",
      "deployScheduleCondition": "EVERYTIME",
      "deployDate": null,
      "deployTime": null,
      "deployInBackground": false
    },
    "permitAsRequired": true,
    "iconData": "iVBORw0KGgoAAAANSUHE...",
    "appType": "App Store App",
    "categories": [
      "Default"
    ]
  }
}
```

```
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"iphone": {
  "name": "MobileApp6",
  "displayName": "Microsoft Office Word",
  "description": "Microsoft Office Word app from app store",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "canDissociateVPP": true,
  "appVersion": "2.3",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
    "screenshots": [],
    "faqs": [],
    "storeSettings": {
      "rate": true,
      "review": true
    }
  },
},
"avppParams": null,
"avppTokenParams": null,
"rules": null,
```

```

    "appType": "mobile_ios",
    "uuid": "8b0f08d0-52ef-453f-8d99-d4c1a3e973d7",
    "id": 9,
    "vppAccount": -1,
    "iconPath": "/9j/4AAQSkZJRgABAQEAAQ..",
    "iconUrl": "http://is3.mzstatic.com/image/thumb/Purple127/v4/e1/35/d2/e135d280-67cf-7f63-ca16-3c5f970a1d70/source/60x60bb.jpg",
    "bundleId": "com.microsoft.Office.Word",
    "appId": "586447913",
    "appKey": null,
    "storeUrl": "https://itunes.apple.com/us/app/microsoft-word/id586447913?mt=8&uo=4",
    "b2B": false
  },
  "ipad": null,
  "android": {
    "name": "MobileApp5",
    "displayName": "Microsoft Office Word",
    "description": "Microsoft Word",
    "paid": false,
    "removeWithMdm": true,
    "preventBackup": true,
    "changeManagementState": false,
    "associateToDevice": false,
    "canAssociateToDevice": false,
    "canDissociateVPP": true,
    "appVersion": "16.0.8326.2034",
    "store": {
      "rating": {
        "rating": 0,
        "reviewerCount": 0
      },
      "screenshots": [],
      "faqs": []
    }
  }
}

```

```

    "storeSettings": {
      "rate": true,
      "review": true
    }
  },
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_android",
  "uuid": "40c514dd-1a8a-4e48-96ed-512b658fb333",
  "id": 8,
  "vppAccount": -1,
  "iconPath": "iVBORw0KGgoAAAANSUgAAAgAAA...",
  "iconUrl": "https://lh3.ggpht.com/j6aNgkpGRXp9PEinADFoSkyfup46-6Rb83bS411fQC_Tc2qg96zQ_aqZcyiaV3M-Ai4",
  "bundleId": "com.microsoft.office.word",
  "appId": null,
  "appKey": null,
  "storeUrl": "https://play.google.com/store/apps/details?id=com.microsoft.office.word",
  "b2B": false
},
"windows": null,
"android_work": null,
"windows_phone": {
  "name": "MobileApp7",
  "displayName": "Microsoft Office Word - windows phone",
  "description": "Microsoft Word Mobile is the best ....",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": false,
  "associateToDevice": false,
  "canAssociateToDevice": false,

```

```
"canDissociateVPP": true,
"appVersion": "NA",
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [
    {
      "question": "Question?",
      "answer": "Answer",
      "displayOrder": 1
    }
  ],
  "storeSettings": {
    "rate": false,
    "review": false
  }
},
"avppParams": null,
"avppTokenParams": null,
"rules": null,
"appType": "mobile_windows",
"uuid": "65bb050f-8e5b-4826-ab7d-83cd21ed878e",
"id": 10,
"vppAccount": -1,
"iconPath": "iVBORw0KGgoAAAANSUHE...",
"iconUrl": "http://store-images.microsoft.com/image/apps.7222.9007199266252569.6f8e1786-1ded-47d9-9ea1-744d33dfedb6.7ccfafa1-fa26-473c-80db-6d43636931c5?w=180&h=180&q=60",
"bundleId": "Microsoft.Office.Word_8wekyb3d8bbwe",
"appId": "258f115c-48f4-4adb-9a68-1387e634459b",
"appKey": null,
```

```

    "storeUrl": "https://www.microsoft.com/en-us/store/p/word-mobile/9wzdncrfjb9s",
    "b2B": false
  }
}
}

```

3.15.6.5 Delete Public Store App platform data

URL	https://hostname:4443/xenmobile/api/v1/application/store/{containerId}/platform/{platform}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/store/4/platform/android
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 4,
    "name": "Microsoft Word - Prod",
    "description": "app description updated",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,
      "deploySchedule": "NOW",
      "deployScheduleCondition": "EVERYTIME",

```

```
"deployDate": null,
"deployTime": null,
"deployInBackground": false
},
"permitAsRequired": true,
"iconData": "iVBORw0KGgoAAAANSUHEU...",
"appType": "App Store App",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"iphone": {
  "name": "MobileApp6",
  "displayName": "Microsoft Office Word",
  "description": "Microsoft Office Word app from app store",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,
  "changeManagementState": true,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "canDissociateVPP": true,
  "appVersion": "2.3",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
  },
  "screenshots": [],
```



```

    "faqs": [],
    "storeSettings": {
      "rate": true,
      "review": true
    }
  },
  "avppParams": null,
  "avppTokenParams": null,
  "rules": null,
  "appType": "mobile_ios",
  "uuid": "8b0f08d0-52ef-453f-8d99-d4c1a3e973d7",
  "id": 9,
  "vppAccount": -1,
  "iconPath": "/9j/4AAQSkZJRgABAQE..",
  "iconUrl": "http://is3.mzstatic.com/image/thumb/Purple127/v4/e1/35/d2/e135d280-67cf-7f63-ca16-3c5f970a1d70/source/60x60bb.jpg",
  "bundleId": "com.microsoft.Office.Word",
  "appId": "586447913",
  "appKey": null,
  "storeUrl": "https://itunes.apple.com/us/app/microsoft-word/id586447913?mt=8&uo=4",
  "b2B": false
},
"ipad": null,
"android": null,
"windows": null,
"android_work": null,
"windows_phone": {
  "name": "MobileApp7",
  "displayName": "Microsoft Office Word - windows phone",
  "description": "Microsoft Word Mobile is the best app ...",
  "paid": false,
  "removeWithMdm": true,
  "preventBackup": true,

```

```
"changeManagementState": false,
"associateToDevice": false,
"canAssociateToDevice": false,
"canDissociateVPP": true,
"appVersion": "NA",
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [
    {
      "question": "Question?",
      "answer": "Answer",
      "displayOrder": 1
    }
  ],
  "storeSettings": {
    "rate": false,
    "review": false
  }
},
"avppParams": null,
"avppTokenParams": null,
"rules": null,
"appType": "mobile_windows",
"uuid": "65bb050f-8e5b-4826-ab7d-83cd21ed878e",
"id": 10,
"vppAccount": -1,
"iconPath": "iVBORw0KGgoAAAANSU...",
"iconUrl": "http://store-images.microsoft.com/image/apps.7222.9007199266252569.6f8e1786-1ded-47d9-9ea1-744d33dfedb6.7ccfafa1-fa26-473c-80db-6d43636931c5?w=180&h=180&q=60",
```

```

    "bundleId": "Microsoft.Office.Word_8wekyb3d8bbwe",
    "appId": "258f115c-48f4-4adb-9a68-1387e634459b",
    "appKey": null,
    "storeUrl": "https://www.microsoft.com/en-us/store/p/word-mobile/9wzdnrcrfjb9s",
    "b2B": false
  }
}
}

```

3.15.6.6 Update Public Store App platform data

URL	https://hostname:4443/xenmobile/api/v1/application/store/{containerId}/platform/{platform}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/store/4/platform/iphone
```

Valid platforms are: iphone, ipad, android, android_work, windows, windows_phone.

Sample Request:

```

{
  "removeWithMdm": false,
  "preventBackup": false,
  "changeManagementState": false,
  "displayName": "Microsoft Word - App Store",
  "description": "description",
  "faqs": [
    {
      "question": "Question?",
      "answer": "Answer"
    }
  ]
}

```

```
],
"storeSettings": {
  "rate": false,
  "review": false
},
"checkForUpdate": true
}
```

All fields are optional, checkForUpdate updates app if app has been updated on public store

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "container": {
    "id": 4,
    "name": "Microsoft Word - Prod",
    "description": "app description updated",
    "createdOn": null,
    "lastUpdated": null,
    "disabled": false,
    "nbSuccess": 0,
    "nbFailure": 0,
    "nbPending": 0,
    "schedule": {
      "enableDeployment": true,
      "deploySchedule": "NOW",
      "deployScheduleCondition": "EVERYTIME",
      "deployDate": null,
      "deployTime": null,
      "deployInBackground": false
    },
    "permitAsRequired": true,
  }
}
```

```
"iconData": "iVBORw0KGgoAAAANSUh...",
"appType": "App Store App",
"categories": [
  "Default"
],
"roles": [
  "AllUsers"
],
"workflow": null,
"vppAccount": null,
"iphone": {
  "name": "MobileApp6",
  "displayName": "Microsoft Word - App Store",
  "description": "description",
  "paid": false,
  "removeWithMdm": false,
  "preventBackup": false,
  "changeManagementState": false,
  "associateToDevice": false,
  "canAssociateToDevice": false,
  "canDissociateVPP": true,
  "appVersion": "2.3",
  "store": {
    "rating": {
      "rating": 0,
      "reviewerCount": 0
    },
    "screenshots": [],
    "faqs": [
      {
        "question": "Question?",
        "answer": "Answer",
        "displayOrder": 1
      }
    ]
  }
}
```

```

    }
  ],
  "storeSettings": {
    "rate": false,
    "review": false
  }
},
"avppParams": null,
"avppTokenParams": null,
"rules": null,
"appType": "mobile_ios",
"uuid": "8b0f08d0-52ef-453f-8d99-d4c1a3e973d7",
"id": 9,
"vppAccount": -1,
"iconPath": "/9j/4AAQSkZJRgABAQEAAQABA...",
"iconUrl": "http://is3.mzstatic.com/image/thumb/Purple127/v4/e1/35/d2/e135d280-67cf-7f63-ca16-3c5f970a1d70/source/60x60bb.jpg",
"bundleId": "com.microsoft.Office.Word",
"appId": "586447913",
"appKey": null,
"storeUrl": "https://itunes.apple.com/us/app/microsoft-word/id586447913?mt=8&uo=4",
"b2B": false
},
"ipad": null,
"android": null,
"windows": null,
"android_work": null,
"windows_phone": {
  "name": "MobileApp7",
  "displayName": "Microsoft Office Word - windows phone",
  "description": "Microsoft Word Mobile is the best ...",
  "paid": false,
  "removeWithMdm": true,

```

```
"preventBackup": true,
"changeManagementState": false,
"associateToDevice": false,
"canAssociateToDevice": false,
"canDissociateVPP": true,
"appVersion": "NA",
"store": {
  "rating": {
    "rating": 0,
    "reviewerCount": 0
  },
  "screenshots": [],
  "faqs": [
    {
      "question": "Question?",
      "answer": "Answer",
      "displayOrder": 1
    }
  ],
  "storeSettings": {
    "rate": false,
    "review": false
  }
},
"avppParams": null,
"avppTokenParams": null,
"rules": null,
"appType": "mobile_windows",
"uuid": "65bb050f-8e5b-4826-ab7d-83cd21ed878e",
"id": 10,
"vppAccount": -1,
"iconPath": "iVBORw0KGgoAAAANSUHEUg...",
```

```

        "iconUrl": "http://store-images.microsoft.com/image/apps.7222.9007199266252569.6f8e1786-1ded-47d9-9ea1-744d33dfedb6.7ccfafa1-fa26-473c-80db-6d43636931c5?w=180&h=180&q=60",
        "bundleId": "Microsoft.Office.Word_8wekyb3d8bbwe",
        "appId": "258f115c-48f4-4adb-9a68-1387e634459b",
        "appKey": null,
        "storeUrl": "https://www.microsoft.com/en-us/store/p/word-mobile/9wzdnrcrfjb9s",
        "b2B": false
    }
}
}

```

3.15.7 Delete app container

Deletes the application container for all apps types (Web and SaaS, weblink, MDX, Enterprise and public app store).

URL	https://hostname:4443/xenmobile/api/v1/application/{containerId}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/application/7
```

Sample Response:

```

{
  "status": 0,
  "message": "Operation completed successfully"
}

```

3.16 Device

3.16.1 Get Devices by Filters

URL	https://hostname:4443/xenmobile/api/v1/device/filter
Request type	POST

Request header	Auth_token : auth token obtained during login Content type : application/json
----------------	--

Sample Request:

```
{
  "start": "0",
  "limit": "10",
  "sortOrder": "ASC",
  "sortColumn": "ID",
  "search": "Any search term",
  "enableCount": "false",
  "filterIds": "['group#/group/ActiveDirectory/domain/net/Domain Users@_fn_@normal']"
}
```

All fields are optional

Field name	Description
start	Start is the starting index for data. Limit is the records limits you want to fetch. Start and limit are used for pagination. Start=0 and limit=100 gets 100 records starting from index 0.
limit	
sortColumn	Valid values for sortColumn are: 'ID' or 'SERIAL' or 'IMEI' or 'ACTIVESYNCID' or 'WIFIMAC' or 'BLUETOOTHMAC' or 'OSFAMILY' or 'SYSTEM_OEM' or 'SYSTEM_PLATFORM' or 'SYSTEM_OS_VERSION' or 'DEVICE_PROPERTY' or 'LASTAUTHDATE' or 'INACTIVITYDAYS' or 'ISACTIVE' or 'LASTUSER' or 'BLCOMPLIANT' or 'WLCOMPLIANT' or 'RLCOMPLIANT' or 'MANAGED' or 'SHAREABLE' or 'BULKPROFILESTATUS'
sortOrder	Valid values are ASC or DESC
search	A search string to filter device. To search a specific device use the device IMEI or Serial number as this search parameter.
enableCount	enableCount enables/disables fetching records count per filter. enableCount: false improves performance
filterIds	Filterids can be specified to get records based on specific filter creteria. The possible values filter ids are part of the reponse. You can first get available filters and use from available filters.

You can use following filterIds in filter devices API.

Filter Name	Filter Id	
Filter Devices by Group	Local Group	group#/group/ GROUP @_fn_@normal
	AD Group	group#/group/ActiveDirectory/ domain/com / GROUP @_fn_@normal
Filter Devices by Mode	MDM Managed	device.mode.mdm.managed

	MDM Unmanaged	device.mode.mdm.unmanaged	
	MAM Managed	device.mode.mam.managed	
	MAM Unmanaged	device.mode.mam.unmanaged	
	Enterprise Managed	device.mode.enterprise.managed	
	Enterprise Unmanaged	device.mode.enterprise.unmanaged	
Filter Devices by Status	Jailbroken/Rooted	device.status.jailbroken	
	ActiveSync Gateway blocked	device.status.as.gateway.blocked	
	Samsung KNOX failed attestation	device.status.samsung.knox.not.attested	
	Apple DEP registered	device.status.enrollment.program.registred	
	Out of compliance	device.status.out.of.compliance	
Filter Devices by platform/Version	iOS	All Version	device.platform.ios
		Specific Version	device.platform#OS_VERSION@_fn_@device.platf orm.ios.version
		Unknown Version	device.platform.ios.version.unknown
	Mac OS X	All Version	device.platform.macosx
		Specific Version	device.platform#OS_VERSION@_fn_@device.platf orm.macosx.version
		Unknown Version	device.platform.macosx.version.unknown
	Android	All Version	device.platform.android
		Specific Version	device.platform#OS_VERSION@_fn_@device.platf orm.android.version
		Unknown Version	device.platform.android.version.unknown
	Windows Mobile/CE	All Version	device.platform.windows
		Specific Version	device.platform#OS_VERSION@_fn_@device.platf orm.windows.version
		Unknown Version	device.platform.windows.version.unknown
	Windows Desktop/Tablet	All Version	device.platform.windows.8.tablet
		Specific Version	device.platform#OS_VERSION@_fn_@device.platf orm.windows.8.tablet.version
		Unknown Version	device.platform.windows.8.tablet.version.unknown
	Windows Phone	All Version	device.platform.windows.phone.8
		Specific Version	device.platform#OS_VERSION@_fn_@device.platf orm.windows.phone.8.version

		Unknown Version	device.platform.windows.phone.8.version.unknown
	BlackBerry	All Version	device.platform.blackberry
		Specific Version	device.platform#OS_VERSION@_fn_@device.platform.blackberry.version
		Unknown Version	device.platform.blackberry.version.unknown
	Unknown	All Version	device.platform.unknown
		Specific Version	device.platform#OS_VERSION@_fn_@device.platform.unknown.version
		Unknown Version	device.platform.unknown.version.unknown
Filter Devices by Ownership	BYOD		device.ownership.byod
	Corporate Owned		device.ownership.corporate
	Unknown		device.ownership.unknown
Filter Devices by Shared Status	Shareable	All	device.shared.status.shareable
		Check in pending	device.shared.status.shareable.checked.in.pending
		Checked in	device.shared.status.shareable.checked.in
		Check in failed	device.shared.status.shareable.checked.in.failed
		Check out pending	device.shared.status.shareable.check.out.pending
		Checked out	device.shared.status.shareable.checked.out
		Check out failed	device.shared.status.shareable.check.out.failed
	Not Shareable		device.shared.status.not.shareable
Filter Devices by Inactive Time	8 hours		device.inactive.time.8.hours
	24 hours		device.inactive.time.24.hours
	7 days		device.inactive.time.7.days
	30 days		device.inactive.time.30.days
	More than 30 days		device.inactive.time.more.than.30.days
Filter Devices by Location	Specific Location		device.user.location#LOCATION_CODE@_fn_@device.user.location
	Other		device.user.location.other
Filter Devices by App Restrictions	Blacklist non-compliant		device.application.restrictions.blacklist.non.compliant
	Suggested list non-compliant		device.application.restrictions.whitelist.non.compliant
	Required list non-compliant		device.application.restrictions.required.list.non.compliant

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "currentFilter": {
    "detail": [
      {
        "displayName": "User Group",
        "name": "group",
        "value": null,
        "level": null,
        "checked": null,
        "leafNode": false,
        "nodes": [
          {
            "displayName": "MSP",
            "name": "group#/group/MSP@_fn_@normal",
            "value": -1,
            "level": 0,
            "checked": true,
            "leafNode": true,
            "nodes": null
          },
          {
            "displayName": "Active Directory",
            "name": "group#/group/ActiveDirectory",
            "value": -1,
            "level": 0,
            "checked": false,
            "leafNode": false,
            "nodes": [
              {
                "displayName": "ebricks-inc.net",
```

```

        "name": "group#/group/ActiveDirectory/domain/net@_fn_@normal",
        "value": -1,
        "level": 1,
        "checked": false,
        "leafNode": false,
        "nodes": [
            {
                "displayName": "Domain Users",
                "name": "group#/group/ActiveDirectory/domain/net/Domain Users@_fn_@normal",
                "value": -1,
                "level": 2,
                "checked": false,
                "leafNode": true,
                "nodes": null
            }
        ]
    }
]
}
}
},
{
    "displayName": "Platform/Version",
    "name": "device.platform",
    "value": null,
    "level": null,
    "checked": null,
    "leafNode": false,
    "nodes": [
        {
            "displayName": "iOS",
            "name": "device.platform.ios",
            "value": -1,

```

```

    "level": 0,
    "checked": false,
    "leafNode": false,
    "nodes": [
      {
        "displayName": "9.2",
        "name": "device.platform#9.2@_fn_@device.platform.ios.version",
        "value": -1,
        "level": 1,
        "checked": false,
        "leafNode": true,
        "nodes": null
      }
    ]
  },
  {
    "displayName": "Unknown",
    "name": "device.platform.unknown",
    "value": -1,
    "level": 0,
    "checked": false,
    "leafNode": true,
    "nodes": null
  }
]
},
{
  "displayName": "Device Ownership",
  "name": "device.ownership",
  "value": null,
  "level": null,
  "checked": null,
  "leafNode": false,

```

```

"nodes": [
  {
    "displayName": "BYOD",
    "name": "device.ownership.byod",
    "value": -1,
    "level": 0,
    "checked": false,
    "leafNode": true,
    "nodes": null
  },
  {
    "displayName": "Corporate Owned",
    "name": "device.ownership.corporate",
    "value": -1,
    "level": 0,
    "checked": false,
    "leafNode": true,
    "nodes": null
  },
  {
    "displayName": "Unknown",
    "name": "device.ownership.unknown",
    "value": -1,
    "level": 0,
    "checked": false,
    "leafNode": true,
    "nodes": null
  }
]
},
"selectedFilters": [
  "group#/group/ActiveDirectory/domain/net/Domain Users@_fn_@normal"

```

```
]
},
"filteredDevicesDataList": [
  {
    "id": 11,
    "jailBroken": false,
    "managed": true,
    "gatewayBlocked": false,
    "deployFailed": 0,
    "deployPending": 0,
    "deploySuccess": 1,
    "mdmKnown": true,
    "mamRegistered": true,
    "mamKnown": true,
    "userName": "abc@domain.net \"abc\"",
    "serialNumber": "G7NLCDEQF146",
    "imeiOrMeid": null,
    "activeSyncId": "HS4ML5821324T11CFEM9D2442S",
    "wifiMacAddress": "8C:7C:92:66:9B:D4",
    "blueToothMacAddress": "8C:7C:84:44:A3:D3",
    "devicePlatform": null,
    "osVersion": "9.2",
    "deviceModel": "iPad",
    "lastAccess": "11/23/16 8:32 AM",
    "inactivityDays": "0",
    "shareable": false,
    "sharedStatus": "INACTIVE",
    "depRegistered": false,
    "deviceName": "Dev's iPad",
    "deviceType": "iPad",
    "productName": "iPad2,5",
    "platform": "iOS",
    "properties": [
```



```
{
  "id": 50,
  "b64": false,
  "name": "ACTIVATION_LOCK_ENABLED",
  "displayName": "Activation lock enabled",
  "value": "1",
  "group": "Security information"
},
{
  "id": 46,
  "b64": false,
  "name": "DEVICE_TYPE",
  "displayName": "Device Type",
  "value": "iPad",
  "group": "System information"
},
{
  "id": 58,
  "b64": false,
  "name": "SYSTEM_OS_VERSION",
  "displayName": "Operating system version",
  "value": "9.2",
  "group": "System information"
},
{
  "id": 47,
  "b64": false,
  "name": "SYSTEM_PLATFORM",
  "displayName": "Platform",
  "value": "iOS",
  "group": "System information"
}
]
```

```

    }
  ],
  "totalCount": 1,
  "matchedRecords": 1
}

```

3.16.2 Get Device information by ID

URL	https://hostname:4443/xenmobile/api/v1/device/{device_id}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/1
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "device": {
    "id": 11,
    "serialNumber": "G7NLCDEQF146",
    "imei": null,
    "activesyncid": "HSCFEM9D24ML58R2520T11442S",
    "wifimac": "8C:7C:92:66:9B:D4",
    "bluetoothmac": "8C:7C:84:44:A3:D3",
    "osFamily": "iOS",
    "platform": "iOS",
    "strongId": "Q6HIJUFD",
    "firstConnectionDate": 1479918533653,
    "lastAuthDate": 1479921911405,
    "devicePropertiesTimestamp": 1479918557673,
    "erasedMemoryCard": null,
    "oldPinCode": null,
  }
}

```

```
"newPinCode": null,
"wipePinCode": null,
"deviceActions": null,
"connected": false,
"active": true,
"revoked": false,
"inactivityDays": 0,
"lastUsername": "abc@domain.net \"abc\"",
"lastUser": {
  "id": 13,
  "displayName": "abc@domain.net",
  "properties": [

  ],
  "xmlId": "13"
},
"blacklistCompliant": true,
"suggestedListCompliant": true,
"requiredListCompliant": true,
"properties": [
  {
    "id": 58,
    "b64": false,
    "name": "SYSTEM_OS_VERSION",
    "displayName": "Operating system version",
    "value": "9.2",
    "group": "System information"
  },
  {
    "id": 47,
    "b64": false,
    "name": "SYSTEM_PLATFORM",
    "displayName": "Platform",
```

```

    "value": "iOS",
    "group": "System information"
  },
  {
    "id": 53,
    "b64": false,
    "name": "PRODUCT_NAME",
    "displayName": "Product name",
    "value": "iPad2,5",
    "group": "System information"
  }
],
"lastSoftwareInventoryTime": 1479921911108,
"softwareInventory": [
  {
    "name": "Secure Hub",
    "author": null,
    "size": 28913664,
    "installTimeStamp": 0,
    "version": "10.4.0.21",
    "packageInfo": "com.zenprise.zpmdmbeta",
    "installCount": -1,
    "blacklistCompliant": true,
    "suggestedListCompliant": true,
    "container": 0
  }
],
"managedSoftwareInventory": [

],
"lastIOSProfileInventoryTime": 1479921911493,
"deviceUsers": [
  {

```

```
"userLogin": "abc",
"prevAuthDate": 1479921911026,
"lastAuthDate": 1479921911405,
"user": {
  "id": 13,
  "displayName": "abc@domain.net",
  "properties": [

  ],
  "xmlId": "13"
}
],
"packageStates": [

],
"deliveryGroups": [
{
  "linkey": "Delivery Group 1",
  "name": "Delivery Group 1",
  "status": "SUCCESS",
  "statusLabel": "Success",
  "lastUpdate": 1479921911125
}
],
"managed": true,
"managedByZMSP": false,
"pushState": "INACTIVE",
"pushStateLabel": "INACTIVE",
"lastPushDate": 1479921892416,
"lastSentNotification": 1479921893435,
"lastRepliedNotification": 1479921907294,
"knownByZMSP": false,
```

```
"wipeDeviceFlag": false,
"lockDeviceFlag": false,
"resetPinCode": null,
"hasContainer": false,
"lockMessage": null,
"lockPhoneNumber": null,
"dstDevIdUsed": true,
"dstValue": null,
"scanTime": "30",
"screenSharingPwd": null,
"lostModeMessage": null,
"lostModePhoneNumber": null,
"lostModeFootnote": null,
"gpsCoordinates": [

],
"lastGpsCoordinate": null,
"gpsFilterStartDate": 1479888000838,
"gpsFilterEndDate": 1479974399838,
"validCertificates": [
  {
    "type": "iOS agent",
    "credentialProviderId": "",
    "issuerName": "CN=Devices Certificate Authority",
    "certificateNumber": "18",
    "startDate": 1479832138000,
    "endDate": 1542990538000,
    "daysToExpire": 729,
    "revoked": false
  },
  {
    "type": "Apple MDM",
    "credentialProviderId": "",
```

```

    "issuerName": "CN=Devices Certificate Authority",
    "certificateNumber": "12",
    "startDate": 1479832127000,
    "endDate": 1542990527000,
    "daysToExpire": 729,
    "revoked": false
  },
  {
    "type": "Apple profile",
    "credentialProviderId": "",
    "issuerName": "CN=Devices Certificate Authority",
    "certificateNumber": "6",
    "startDate": 1479832122000,
    "endDate": 1542990522000,
    "daysToExpire": 729,
    "revoked": false
  }
],
"revokedCertificates": [

],
"smgStatus": "NONE",
"smartActions": [
  {
    "name": "Smart Action 1",
    "status": "SUCCESS",
    "statusLabel": "Success",
    "lastUpdate": 1479921911100,
    "resourceType": "SMART_ACTION",
    "resourceTypeLabel": "Smart Action",
    "packageInfo": null,
    "resourceKey": null
  }
]

```

```
],
"smartActionsFailure": false,
"policies": [
  {
    "name": "App Inventory",
    "status": "SUCCESS",
    "statusLabel": "Success",
    "lastUpdate": 1479921911125,
    "resourceType": "SOFTWARE_INVENTORY",
    "resourceTypeLabel": "Software Inventory",
    "packageInfo": null,
    "resourceKey": null
  }
],
"policiesFailure": false,
"applications": [
  {
    "name": "Angry Bird",
    "status": "AVAILABLE",
    "statusLabel": "Available",
    "lastUpdate": 1479921902171,
    "resourceType": "APP_MDMWEBLINK",
    "resourceTypeLabel": "Public App Store",
    "packageInfo": "com.rovio.baba",
    "resourceKey": "MobileApp2"
  }
],
"applicationsFailure": false,
"bulkEnrolled": false,
"touchdownProperties": [

],
"mamDeviceId": "JQhdgz1C60bIE98H/54RcK3z1EozSwXu1RIWqIL6gsA=",
```



```
"deviceToken": "40EB3812-D6DB-4872-A14B-A5203A3B8C25",
"deviceType": "iPad",
"typeInst": 0,
"appLock": false,
"appWipe": false,
"nbSuccess": 1,
"nbPending": 0,
"nbFailure": 0,
"nbAvailable": null,
"shareable": false,
"sharedStatus": "INACTIVE",
"bulkProfileStatus": "NO_BULK",
"mdmKnown": true,
"mamKnown": true,
"mamRegistered": true,
"mamReady": false,
"enrollmentMode": null,
"xmlId": "11",
"sdCardWipeEnabled": false,
"cancelSdCardWipeEnabled": false,
"locateEnabled": true,
"cancelLocateEnabled": false,
"enableTrackingEnabled": true,
"disableTrackingEnabled": false,
"ringEnabled": false,
"cancelRingEnabled": false,
"disownEnabled": false,
"appWipeEnabled": true,
"appUnwipeEnabled": false,
"appLockEnabled": true,
"appUnlockEnabled": false,
"cancelDisableLostModeEnabled": false,
"depActivationLockEnabled": false,
```

```

"activationLockBypassEnabled": false,
"htcMdm": false,
"requestMirroringEnabled": false,
"cancelRequestMirroringEnabled": false,
"stopMirroringEnabled": false,
"cancelStopMirroringEnabled": false,
"enableLostModeEnabled": false,
"cancelEnableLostModeEnabled": false,
"disableLostModeEnabled": false,
"iosprofileInventory": [
  {
    "identifier": "com.zenprise.zdm.ca",
    "name": "XenMobile CA",
    "organization": "XenMobile",
    "receivedDate": null,
    "encrypted": false,
    "managed": false,
    "description": "XenMobile Authorities",
    "iosConfigInventories": [
      {
        "identifier": "com.zenprise.zdm.ca.digitalSignature#0",
        "name": "XenMobile Digital Signing Intermediate Authority #0",
        "type": "com.apple.security.pkcs1",
        "organization": "XenMobile",
        "description": "XenMobile Digital Signing Intermediate Authority #0"
      },
      {
        "identifier": "com.zenprise.zdm.ca.ssl#0",
        "name": "XenMobile SSL Intermediate Authority #0",
        "type": "com.apple.security.pkcs1",
        "organization": "XenMobile",
        "description": "XenMobile SSL Intermediate Authority #0"
      }
    ]
  }
]

```

```
]
},
{
  "identifier": "com.zenprise.zdm.ios.mdm-config-transport",
  "name": "MDM Configuration",
  "organization": "XenMobile",
  "receivedDate": null,
  "encrypted": true,
  "managed": false,
  "description": "MDM Configuration",
  "iosConfigInventories": null
}
],
"iosprovisioningProfileInventory": null,
"revokeEnabled": true,
"lockEnabled": true,
"cancelLockEnabled": false,
"unlockEnabled": true,
"corpWipeEnabled": true,
"cancelCorpWipeEnabled": false,
"wipeEnabled": true,
"cancelWipeEnabled": false,
"authorizeEnabled": false,
"cancelUnlockEnabled": false,
"containerLockEnabled": false,
"cancelContainerLockEnabled": false,
"containerUnlockEnabled": false,
"cancelContainerUnlockEnabled": false,
"containerPwdResetEnabled": false,
"cancelContainerPwdResetEnabled": false,
"clearRestrictionsEnabled": false,
"cancelClearRestrictionsEnabled": false
}
```

```
}
```

3.16.3 Get Device applications by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/{device_id}/apps
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/1/apps
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "applications": [
    {
      "name": "Angry Bird",
      "status": "AVAILABLE",
      "statusLabel": "Available",
      "lastUpdate": 1479921902171,
      "resourceType": "APP_MDMWEBLINK",
      "resourceTypeLabel": "Public App Store",
      "packageInfo": "com.rovio.baba",
      "resourceKey": "MobileApp2"
    }
  ]
}
```

3.16.4 Get Device actions by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/{device_id}/actions
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/1/actions
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "actions": [
    {
      "name": "Smart Action 1",
      "status": "SUCCESS",
      "statusLabel": "Success",
      "lastUpdate": 1479921911100,
      "resourceType": "SMART_ACTION",
      "resourceTypeLabel": "Smart Action",
      "packageInfo": null,
      "resourceKey": null
    }
  ]
}
```

3.16.5 Get Device delivery groups by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/{device_id}/deliverygroups
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/1/deliverygroups
```

Sample Response:

```
{
```

```

"status": 0,
"message": "Success",
"deliveryGroups": [
  {
    "linkey": "Delivery Group 1",
    "name": "Delivery Group 1",
    "status": "SUCCESS",
    "statusLabel": "Success",
    "lastUpdate": 1479921911125
  }
]
}

```

3.16.6 Get Device managed software inventory by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/{device_id}/managedswinventory
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/1/managedswinventory
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "softwareInventory": [
    {
      "name": "Citrix ShareFile for iPhone and iPad",
      "author": null,
      "size": 0,
      "installTimeStamp": 1479993483807,
      "version": "4.8.0",
    }
  ]
}

```

```

    "packageInfo": "com.sharefile.mobile",
    "installCount": null,
    "blacklistCompliant": false,
    "suggestedListCompliant": false,
    "container": 0
  }
]
}

```

3.16.7 Get Device policies by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/{device_id}/policies
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/1/policies
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "policies": [
    {
      "name": "App Inventory",
      "status": "SUCCESS",
      "statusLabel": "Success",
      "lastUpdate": 1479921911125,
      "resourceType": "SOFTWARE_INVENTORY",
      "resourceTypeLabel": "Software Inventory",
      "packageInfo": null,
      "resourceKey": null
    }
  ]
}

```

```
}
```

3.16.8 Get Device software inventory by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/{device_id}/softwareinventory
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/1/softwareinventory
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "softwareInventories": [
    {
      "name": "ShareFile",
      "author": null,
      "size": 56303616,
      "installTimeStamp": 0,
      "version": "764",
      "packageInfo": "com.sharefile.mobile",
      "installCount": -1,
      "blacklistCompliant": true,
      "suggestedListCompliant": true,
      "container": 0
    },
    {
      "name": "Secure Hub",
      "author": null,
      "size": 29724672,
      "installTimeStamp": 0,
      "version": "10.4.0.21",
```



```

    "packageInfo": "com.zenprise.zpmdmbeta",
    "installCount": -1,
    "blacklistCompliant": true,
    "suggestedListCompliant": true,
    "container": 0
  }
]
}

```

3.16.9 Get Device GPS Coordinates by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/locations/{deviceId}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/locations/1?startDate=1479975747000&endDate=1479975749000
```

Query Params :

Field name	Description
startDate	Start date for coordinate filter
endDate	End date for coordinate filter

Both fields are optional.

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "deviceCoordinates": {
    "deviceCoordinateList": {
      "deviceCoordinateList": [
        {

```

```

        "longitude": 44.34457692161573,
        "latitude": 55.53280640362136,
        "accuracy": 165.0,
        "gpsTimestamp": 1479975748000
    }
],
"startDate": 1479975747000,
"endDate": 1479975749000
}
}
}

```

3.16.10 Send notification to a list of devices/users

URL	https://hostname:4443/xenmobile/api/v1/device/notify
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request (Send Notification to Agent Only):

```

{
  "to": [
    {
      "deviceId": 12,
      "osFamily": "ANDROID"
    },
    {
      "deviceId": "11"
      "osFamily": "iOS"
    }
  ],
  "agentMessage": "this is test message",
  "smtp": "false",
  "sms": "false",
  "agent": "true",

```

```

"templateId": "-1",
"agentCustomProps": {
  "sound": "Casino.wav"
}
}

```

Field name	Description
serialNumber	Serial number of device, required to send notification on android device. Can be retrieved from get device API and device filters API.
token	APNS token of device, required to send notification on iOS device

Sample Response (Send Notification to Agent Only):

```

{
  "status": 0,
  "message": "Success",
  "notificationRequests": {
    "smtpNotifRequestId": -1,
    "smsNotifRequestId": -1,
    "smsGatewayNotifRequestId": -1,
    "apnsAgentNotifRequestId": 39,
    "shhttpAgentNotifRequestId": 40
  }
}

```

Sample Request (Send Notification all channels):

```

{
  "to": [
    {
      "deviceId": "12",
      "osFamily": "iOS",
      "email": "user2@test.com",

```

```

    "smsTo": "+1243657698"
  },
  {
    "deviceId": "12",
    "osFamily": "iOS",
    "token": {
      "type": "apns",
      "value": "35ed0c241cbb717825f28c36bbafd6ab92c832aa2df6c7ad8882fad96bf5adcc"
    },
    "email": "user2@test.com",
    "smsTo": "+1243657698"
  }
],
"smtpFrom": "Test XMS",
"smtpSubject": "this is test subject",
"smtpMessage": "this is test message",
"smsMessage": "this is test message",
"agentMessage": "this is test message",
"sendAsBCC": "true",
"smtp": "true",
"sms": "true",
"agent": "true",
"templateId": "-1",
"agentCustomProps": {
  "sound": "Casino.wav"
}
}

```

Field name	Description
email	Email address of user. Can be retrieved from device's user properties
smsTo	Mobile/Phone number of user. Can be retrieved from device's user properties

Sample Response (Send Notification all channels):

```
{
  "status": 0,
  "message": "Success",
  "notificationRequests": {
    "smtpNotifRequestId": 41,
    "smsNotifRequestId": 42,
    "smsGatewayNotifRequestId": -1,
    "apnsAgentNotifRequestId": 43,
    "shhttpAgentNotifRequestId": 44
  }
}
```

3.16.11 Authorize a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/authorize
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.12 Activation lock bypass on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/activationLockBypass
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Activation lock bypass failure.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to bypass the activation lock on a supervised device '1'"
        },
        {
          "id": "2",
          "message": "Unable to bypass the activation lock on a supervised device '2'"
        }
      ]
    }
  }
}
```

3.16.13 App lock on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/appLock
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

The appLock api is a toggle api. Subsequent requests lock/unlock in a toggle fashion.

Sample Request:

```
[1, 2]
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Success"  
}
```

3.16.14 App wipe on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/appWipe
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

The appWipe api is a toggle api. Subsequent requests appWipe/appUnwipe in a toggle fashion.

Sample Request:

```
[1, 2]
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Success"  
}
```

3.16.15 Container lock on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/containerLock
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to lock container on list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to lock the container '1'"
        }
      ]
    }
  }
}
```

3.16.16 Cancel container lock on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/containerLock/cancel
-----	--

Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.17 Container unlock on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/containerUnlock
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
```

```

    "description": "Unable to unlock container on list of devices.",
    "messageList": [
      {
        "id": "1",
        "message": "Unable to unlock the container '1'"
      }
    ]
  }
}
}

```

3.16.18 Cancel container unlock on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/containerUnlock/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```

{
  "status": 0,
  "message": "Success"
}

```

3.16.19 Reset container password on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/containerPwdReset
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to reset the container password.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to reset the container password '1'"
        }
      ]
    }
  }
}
```

3.16.20 Cancel reset container password a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/containerPwdReset/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.21 Disown a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/disown
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Disown/Cancel disown failure.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to disown the device '1'"
        }
      ]
    }
  }
}
```

```
    ]
  }
}
}
```

3.16.22 Locate a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/locate
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to locate list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to locate devices '1'"
        },
        {
          "id": "2",
```

```

        "message": "Unable to locate devices '2'"
    }
]
}
}
}
}

```

3.16.23 Cancel locating a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/locate/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```

{
  "status": 0,
  "message": "Success"
}

```

Sample Response (Error):

```

{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to cancel locate on list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to cancel locate devices '1'"
        }
      ]
    }
  }
}

```

```
    ]
  }
}
}
```

3.16.24 GPS tracking a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/track
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to enable tracking list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "enable tracking on devices '1'"
        }
      ]
    }
  }
}
```

```
}  
}
```

3.16.25 Cancel GPS tracking a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/track/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{  
  "status": 0,  
  "message": "Success"  
}
```

Sample Response (Success):

```
{  
  "status": -1,  
  "deviceActionMessages": {  
    "devicesActionParameters": {  
      "description": "Unable to disable tracking on list of devices.",  
      "messageList": [  
        {  
          "id": "1",  
          "message": "Unable to cancel tracking on devices '1'"  
        }  
      ]  
    }  
  }  
}
```



```
}
```

3.16.26 Lock a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/lock
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL (iOS):

```
https://hostname:4443/xenmobile/api/v1/device/lock?lockMessage="This is a lost iPhone  
&phoneNumber="+12345"
```

Sample URL (Android, Symbion, Windows devices):

```
https://hostname:4443/xenmobile/api/v1/device/lock?newPinCode=1234
```

Query Params :

Field name	Description
newPinCode	PIN code must be between 4 and 16 characters for Android and Symbion. PIN code must be 4 digits for windows devices
resetPinCode	Add a reset pin code request to the lock request, works only for Windows phone 8.1
lockMessage	Add a message to the lock request, works only for IOS 7 and later
phoneNumber	Add a phone number to the lock request, works only for IOS 7 and later

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{  
  "status": 0,  
  "message": "Success"  
}
```

3.16.27 Cancel locking a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/lock/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Success"  
}
```

3.16.28 Unlock a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/unlock
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{  
  "status": 0,  
  "message": "Success"  
}
```

Sample Response (Error):

```
{  
  "status": -1,  
  "deviceActionMessages": {
```

```

"devicesActionParameters": {
  "description": "Unable to unlock list of devices.",
  "messageList": [
    {
      "id": "1",
      "message": "Unable to unlock devices '1'"
    }
  ]
}
}
}

```

3.16.29 Cancel unlocking a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/unlock/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```

{
  "status": 0,
  "message": "Success"
}

```

3.16.30 Deploy a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/refresh
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

[1, 2]

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.31 Request an Airplay mirroring on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/requestMirroring
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Query Params :

Field name	Description
dstName	Destination device name, provide either dstName or dstDevId
dstDevId	Destinatio device id, provide either dstName or dstDevId
scanTime	Number of seconds to scan the device
screenSharingPwd	Password for screen sharing

Sample Request:

[1]

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.32 Cancel request for Airplay mirroring a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/requestMirroring/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login

	Content type : application/json
--	---------------------------------

Sample Request:

```
[1]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.33 Stop Airplay mirroring on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/stopMirroring
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.34 Cancel stop Airplay mirroring on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/stopMirroring/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.35 Clear the restrictions on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/restrictions/clear
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to perform clear restrictions on list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to clear devices restrictions '1'"
        }
      ]
    }
  }
}
```

```
    ]
  }
}
}
```

3.16.36 Cancel clear the restrictions on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/restrictions/clear/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.37 Revoke a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/revoke
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

```
}
```

3.16.38 Make ring a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/ring
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to ring list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to make the device ring '1'"
        }
      ]
    }
  }
}
```


3.16.39 Cancel ring on list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/ring/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to cancel ring on list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to cancel ring the device '1'"
        }
      ]
    }
  }
}
```

3.16.40 Wipe a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/wipe
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/wipe?erasedMemoryCard=false
```

Query Params :

Field name	Description
erasedMemoryCard	Force erase memory card, default true
pinCode	Pin code must be 6 digits, works only for mac devices

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to perform full wipe on list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to wipe devices '1'"
        }
      ]
    }
  }
}
```

```
    ]
  }
}
}
```

3.16.41 Cancel wipe on list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/wipe/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.42 Selective wipe a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/selwipe
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

```
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to perform selective wipe on list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to selective wipe devices '1'"
        }
      ]
    }
  }
}
```

3.16.43 Cancel selective wipe on list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/selwipe/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.44 SD card wipe on a list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/sdcardwipe
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response (Success):

```
{
  "status": 0,
  "message": "Success"
}
```

Sample Response (Error):

```
{
  "status": -1,
  "deviceActionMessages": {
    "devicesActionParameters": {
      "description": "Unable to Perform SD card wipe on list of devices.",
      "messageList": [
        {
          "id": "1",
          "message": "Unable to SD-card wipe devices '1'"
        }
      ]
    }
  }
}
```

3.16.45 Cancel SD card wipe on list of devices

URL	https://hostname:4443/xenmobile/api/v1/device/sdcardwipe/cancel
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1, 2]
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.46 Get all device known properties

URL	https://hostname:4443/xenmobile/api/v1/device/knownProperties
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "knownProperties": {
    "knownProperties": {
      "knownPropertyList": [
        {
          "group": "SYSTEM",
          "groupLabel": "System information",
          "name": "SYSTEM_PLATFORM",
          "displayName": "Platform",
          "type": "STRING"
        }
      ],
    }
  }
}
```

```

    {
      "group": "GPS",
      "groupLabel": "Location information",
      "name": "GPS_LONGITUDE_FROM_CELLULAR",
      "displayName": "Cellular longitude",
      "type": "STRING"
    },
    {
      "group": "SYSTEM",
      "groupLabel": "System information",
      "name": "SYSTEM_OS_VERSION",
      "displayName": "Operating system version",
      "type": "STRING"
    }
  ]
}
}
}

```

3.16.47 Get all device used properties

URL	https://hostname:4443/xenmobile/api/v1/device/usedProperties
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "deviceUsedPropertiesList": {
    "deviceUsedProperties": {
      "deviceUsedPropertiesParameters": [
        {
          "name": "SYSTEM_OEM",

```

```

    "displayName": "Device model",
    "type": "STRING"
  },
  {
    "name": "SYSTEM_OS_VERSION",
    "displayName": "Operating system version",
    "type": "STRING"
  },
  {
    "name": "SYSTEM_PLATFORM",
    "displayName": "Platform",
    "type": "STRING"
  },
  {
    "name": "PRODUCT_NAME",
    "displayName": "Product name",
    "type": "STRING"
  }
]
}
}
}

```

3.16.48 Retrieve all device properties by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/properties/{ deviceId }
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/properties/1
```

Sample Response:

```
{
```



```
"status": 0,
"message": "Success",
"devicePropertiesList": {
  "deviceProperties": {
    "startIndex": 0,
    "devicePropertyParameters": [
      {
        "id": 58,
        "b64": false,
        "name": "SYSTEM_OS_VERSION",
        "displayName": "Operating system version",
        "value": "9.2",
        "group": "System information"
      },
      {
        "id": 47,
        "b64": false,
        "name": "SYSTEM_PLATFORM",
        "displayName": "Platform",
        "value": "iOS",
        "group": "System information"
      },
      {
        "id": 53,
        "b64": false,
        "name": "PRODUCT_NAME",
        "displayName": "Product name",
        "value": "iPad2,5",
        "group": "System information"
      }
    ],
    "totalCount": 3
  }
}
```

```
}  
}
```

3.16.49 Update all device properties in bulk by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/properties/{ deviceId }
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/properties/1
```

Sample Request:

```
{  
  "properties": [  
    {  
      "name": "ACTIVE_ITUNES",  
      "value": "0"  
    },  
    {  
      "name": "LAST_IP_ADDR",  
      "value": "10.20.30.40"  
    },  
    {  
      "name": "ACTIVATION_LOCK_ENABLED",  
      "value": "0"  
    }  
  ]  
}
```

Sample Response:

```
{
```

```
"status": 0,
"message": "Success"
}
```

3.16.50 Add or Update a device property by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/property/{deviceId}
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/property/1
```

Sample Request:

```
{
  "name": "LAST_IP_ADDR",
  "value": "10.20.30.50"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.51 Delete a device property by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/property/{propertyId}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/property/37
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.16.52 Retrieve iOS MDM Status of device by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/mdmstatus/{deviceId}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/mdmstatus/1
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "deviceMdmStatus": {
    "deviceMdmStatusParameters": {
      "pushState": "INACTIVE",
      "pushStateLabel": "Inactive",
      "lastPushDate": 1479992413299,
      "lastSentNotification": 1479992413308,
      "lastRepliedNotification": 1479992421250
    }
  }
}
```

3.16.53 Generate pin code

URL	https://hostname:4443/xenmobile/api/v1/device/pincode/generate
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/pincode/generate?pinCodeLength=6
```

Query Params :

Field name	Description
pinCodeLength	Length of requested pincode

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "pinCode": {
    "answer": "156797"
  }
}
```

3.16.54 Get Device last location by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/lastLocation/{ deviceId }
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/lastLocation/1
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "deviceCoordinate": {
```

```

    "longitude": 2.43398027,
    "latitude": 48.64588589,
    "accuracy": 0.0,
    "gpsTimestamp": 1472226743000
  }
}

```

3.16.55 Delete Device by device ID

URL	https://hostname:4443/xenmobile/api/v1/device/{deviceId}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/device/1
```

Sample Response:

```

{
  "status" : "0"
  "message" : "Device deleted successfully"
}

```

3.16.56 Delete Devices in bulk by device Id

URL	https://hostname:4443/xenmobile/api/v1/device
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[1,2,3,4]
```

Sample Response:

```

{
  "status" : "0"
  "message" : "Devices deleted successfully"
}

```

```
}
```

3.17 Client Properties

3.17.1 Get Client Properties

URL	https://hostname:4443/xenmobile/api/v1/clientproperties
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "allClientProperties": [
    {
      "displayName": "Enable User Password Caching",
      "description": "Enable User Password Caching",
      "key": "ENABLE_PASSWORD_CACHING",
      "value": "false",
      "preDefined": false
    },
    {
      "displayName": "Inactivity Timer",
      "description": "Inactivity Timer",
      "key": "INACTIVITY_TIMER",
      "value": "15",
      "preDefined": false
    }
  ]
}
```

3.17.2 Get Client Property

URL	https://hostname:4443/xenmobile/api/v1/clientproperties/{key}
Request type	GET

Request header	Auth_token : auth token obtained during login Content type : application/json
----------------	--

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/clientproperties/PASSCODE_MAX_ATTEMPTS
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "allClientProperties": [
    {
      "displayName": "PIN Attempts",
      "description": "Maximum allowed invalid PIN Attempts",
      "key": "PASSCODE_MAX_ATTEMPTS",
      "value": "15",
      "preDefined": false
    }
  ]
}
```

3.17.3 Add Client Property

URL	https://hostname:4443/xenmobile/api/v1/clientproperties
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "displayName": "MyProperty",
  "description": "MyProperty Description",
  "key": "MyKey",
  "value": "15"
}
```


Sample Response:

```
{
  "status": 0,
  "message": "Property has been added successfully"
}
```

3.17.4 Edit Client Property

URL	https://hostname:4443/xenmobile/api/v1/clientproperties/{key}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/clientproperties/MyKey
```

Sample Request:

```
{
  "displayName": "MyProperty updated",
  "description": "MyProperty Description updated",
  "value": "16"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Property has been updated successfully"
}
```

3.17.5 Delete Client Property

URL	https://hostname:4443/xenmobile/api/v1/clientproperties/{key}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/clientproperties/MyKey
```

Sample Response:

```
{
  "status": 0,
  "message": "Property has been deleted successfully"
}
```

3.17.6 Delete Client Properties

URL	https://hostname:4443/xenmobile/api/v1/clientproperties
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
[
  "Test"
]
```

Sample Response:

```
{
  "status": 0,
  "message": "Properties have been deleted successfully"
}
```

3.18 Client Branding

3.18.1 Add/Edit client branding

URL	https://localhost:4443/xenmobile/api/v1/clientbranding/store
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : multipart/form-data

Request should be sent in multipart/form-data format and a file should always be with .zip extension.

Field name	Description
device	Possible values: phone, tablet
worxStoreView	Possible values: default, category
uploadFile	Sample branding request file in zip format

Sample Request :

```
device      = phone
worxStoreView = default
uploadFile  = <file to be uploaded.zip>
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

3.18.2 Delete client branding

URL	https://localhost:4443/xenmobile/api/v1/clientbranding/{ device }
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Possible values in the path are phone and tablet.

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/clientbranding/phone
```

Sample Response:

```
{
  "status": 0,
  "message": "Success"
}
```

```
}
```

3.19 Enrollment

3.19.1 Get Enrollment Modes

URL	https://hostname:4443/xenmobile/api/v1/enrollment/modes
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "enrollmentModes": {
    "enrollmentModes": [
      {
        "name": "classic",
        "modeDisplayName": "User name + Password",
        "validDurationMillis": 0,
        "maxTry": 0,
        "secretLength": null,
        "secretGenerator": null,
        "notificationTemplateCategories": [
          {
            "category": "ENROLLMENT_AGENT",
            "categoryLabel": "Template For Agent Download",
            "notificationTemplate": null
          },
          {
            "category": "ENROLLMENT_URL",
            "categoryLabel": "Template For Enrollment URL",
            "notificationTemplate": null
          },
          {
```

```

    "category": "ENROLLMENT_PIN",
    "categoryLabel": "Template For Enrollment PIN",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_CONFIRMATION",
    "categoryLabel": "Template For Enrollment Confirmation",
    "notificationTemplate": null
  }
],
"requiringSecret": false,
"requiringIdentification": true,
"requiringAuthentication": true,
"defaultable": true,
"requiringToken": false,
"shpMode": false,
"enabled": true,
"default": true
},
{
  "name": "high_security",
  "modeDisplayName": "High Security",
  "validDurationMillis": 86400000,
  "maxTry": 3,
  "secretLength": 8,
  "secretGenerator": "NUMERIC",
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "categoryLabel": "Template For Agent Download",
      "notificationTemplate": null
    }
  ],
  {

```

```

    "category": "ENROLLMENT_URL",
    "categoryLabel": "Template For Enrollment URL",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_PIN",
    "categoryLabel": "Template For Enrollment PIN",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_CONFIRMATION",
    "categoryLabel": "Template For Enrollment Confirmation",
    "notificationTemplate": null
  }
],
"requiringSecret": true,
"requiringIdentification": true,
"requiringAuthentication": true,
"defaultable": false,
"requiringToken": true,
"shpMode": false,
"enabled": true,
"default": false
},
{
  "name": "invitation",
  "modeDisplayName": "Invitation URL",
  "validDurationMillis": 86400000,
  "maxTry": 0,
  "secretLength": null,
  "secretGenerator": null,
  "notificationTemplateCategories": [
    {

```

```

    "category": "ENROLLMENT_AGENT",
    "categoryLabel": "Template For Agent Download",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_URL",
    "categoryLabel": "Template For Enrollment URL",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_PIN",
    "categoryLabel": "Template For Enrollment PIN",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_CONFIRMATION",
    "categoryLabel": "Template For Enrollment Confirmation",
    "notificationTemplate": null
  }
],
"requiringSecret": false,
"requiringIdentification": false,
"requiringAuthentication": false,
"defaultable": false,
"requiringToken": true,
"shpMode": false,
"enabled": true,
"default": false
},
{
  "name": "invitation_pin",
  "modeDisplayName": "Invitation URL + PIN",
  "validDurationMillis": 86400000,

```

```
"maxTry": 3,
"secretLength": 8,
"secretGenerator": "NUMERIC",
"notificationTemplateCategories": [
  {
    "category": "ENROLLMENT_AGENT",
    "categoryLabel": "Template For Agent Download",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_URL",
    "categoryLabel": "Template For Enrollment URL",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_PIN",
    "categoryLabel": "Template For Enrollment PIN",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_CONFIRMATION",
    "categoryLabel": "Template For Enrollment Confirmation",
    "notificationTemplate": null
  }
],
"requiringSecret": true,
"requiringIdentification": false,
"requiringAuthentication": false,
"defaultable": false,
"requiringToken": true,
"shpMode": false,
"enabled": true,
"default": false
```



```

},
{
  "name": "invitation_pwd",
  "modeDisplayName": "Invitation URL + Password",
  "validDurationMillis": 86400000,
  "maxTry": 3,
  "secretLength": null,
  "secretGenerator": null,
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "categoryLabel": "Template For Agent Download",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_URL",
      "categoryLabel": "Template For Enrollment URL",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_PIN",
      "categoryLabel": "Template For Enrollment PIN",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_CONFIRMATION",
      "categoryLabel": "Template For Enrollment Confirmation",
      "notificationTemplate": null
    }
  ],
  "requiringSecret": false,
  "requiringIdentification": false,
  "requiringAuthentication": true,

```

```
"defaultable": false,
"requiringToken": true,
"shpMode": false,
"enabled": true,
"default": false
},
{
  "name": "two_factor",
  "modeDisplayName": "Two Factor",
  "validDurationMillis": 86400000,
  "maxTry": 3,
  "secretLength": 8,
  "secretGenerator": "NUMERIC",
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "categoryLabel": "Template For Agent Download",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_URL",
      "categoryLabel": "Template For Enrollment URL",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_PIN",
      "categoryLabel": "Template For Enrollment PIN",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_CONFIRMATION",
      "categoryLabel": "Template For Enrollment Confirmation",
      "notificationTemplate": null
    }
  ]
}
```

```

    }
  ],
  "requiringSecret": true,
  "requiringIdentification": true,
  "requiringAuthentication": true,
  "defaultable": true,
  "requiringToken": false,
  "shpMode": false,
  "enabled": true,
  "default": false
},
{
  "name": "username_pin",
  "modeDisplayName": "User name + PIN",
  "validDurationMillis": 86400000,
  "maxTry": 3,
  "secretLength": 8,
  "secretGenerator": "NUMERIC",
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "categoryLabel": "Template For Agent Download",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_URL",
      "categoryLabel": "Template For Enrollment URL",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_PIN",
      "categoryLabel": "Template For Enrollment PIN",
      "notificationTemplate": null
    }
  ]
}

```

```

    },
    {
      "category": "ENROLLMENT_CONFIRMATION",
      "categoryLabel": "Template For Enrollment Confirmation",
      "notificationTemplate": null
    }
  ],
  "requiringSecret": true,
  "requiringIdentification": true,
  "requiringAuthentication": false,
  "defaultable": true,
  "requiringToken": false,
  "shpMode": false,
  "enabled": true,
  "default": false
}
]
}
}

```

3.19.2 Get Enrollment Information

URL	https://hostname:4443/xenmobile/api/v1/enrollment/info or https://hostname:4443/xenmobile/api/v1/enrollment/info?platform=WINDOWS
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Field name	Description
platform	By default platform = iOS Other valid values are WINDOWS, iOS, ANDROID, SYMBIAN, RIM, UNKNOWN, WINPHONE, WINDOWS8, MACOSX

Sample Response:

```
{
```

```
"status": 0,
"message": "Success",
"enrollmentInfo": {
  "enrollmentModes": [
    {
      "name": "classic",
      "modeDisplayName": "User name + Password",
      "validDurationMillis": 0,
      "maxTry": 0,
      "secretLength": null,
      "secretGenerator": null,
      "notificationTemplateCategories": [
        {
          "category": "ENROLLMENT_AGENT",
          "categoryLabel": "Template For Agent Download",
          "notificationTemplate": null
        },
        {
          "category": "ENROLLMENT_URL",
          "categoryLabel": "Template For Enrollment URL",
          "notificationTemplate": null
        },
        {
          "category": "ENROLLMENT_PIN",
          "categoryLabel": "Template For Enrollment PIN",
          "notificationTemplate": null
        },
        {
          "category": "ENROLLMENT_CONFIRMATION",
          "categoryLabel": "Template For Enrollment Confirmation",
          "notificationTemplate": null
        }
      ]
    }
  ],
}
```

```
"requiringSecret": false,
"requiringIdentification": true,
"requiringAuthentication": true,
"defaultable": true,
"requiringToken": false,
"shpMode": false,
"enabled": true,
"default": true
},
{
  "name": "high_security",
  "modeDisplayName": "High Security",
  "validDurationMillis": 86400000,
  "maxTry": 3,
  "secretLength": 8,
  "secretGenerator": "NUMERIC",
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "categoryLabel": "Template For Agent Download",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_URL",
      "categoryLabel": "Template For Enrollment URL",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_PIN",
      "categoryLabel": "Template For Enrollment PIN",
      "notificationTemplate": null
    },
    {
```

```

        "category": "ENROLLMENT_CONFIRMATION",
        "categoryLabel": "Template For Enrollment Confirmation",
        "notificationTemplate": null
    }
],
"requiringSecret": true,
"requiringIdentification": true,
"requiringAuthentication": true,
"defaultable": false,
"requiringToken": true,
"shpMode": false,
"enabled": true,
"default": false
},
{
    "name": "invitation",
    "modeDisplayName": "Invitation URL",
    "validDurationMillis": 86400000,
    "maxTry": 0,
    "secretLength": null,
    "secretGenerator": null,
    "notificationTemplateCategories": [
        {
            "category": "ENROLLMENT_AGENT",
            "categoryLabel": "Template For Agent Download",
            "notificationTemplate": null
        },
        {
            "category": "ENROLLMENT_URL",
            "categoryLabel": "Template For Enrollment URL",
            "notificationTemplate": null
        }
    ],
}

```

```

    "category": "ENROLLMENT_PIN",
    "categoryLabel": "Template For Enrollment PIN",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_CONFIRMATION",
    "categoryLabel": "Template For Enrollment Confirmation",
    "notificationTemplate": null
  }
],
"requiringSecret": false,
"requiringIdentification": false,
"requiringAuthentication": false,
"defaultable": false,
"requiringToken": true,
"shpMode": false,
"enabled": true,
"default": false
},
{
  "name": "invitation_pin",
  "modeDisplayName": "Invitation URL + PIN",
  "validDurationMillis": 86400000,
  "maxTry": 3,
  "secretLength": 8,
  "secretGenerator": "NUMERIC",
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "categoryLabel": "Template For Agent Download",
      "notificationTemplate": null
    }
  ],
  {

```



```

    "category": "ENROLLMENT_URL",
    "categoryLabel": "Template For Enrollment URL",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_PIN",
    "categoryLabel": "Template For Enrollment PIN",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_CONFIRMATION",
    "categoryLabel": "Template For Enrollment Confirmation",
    "notificationTemplate": null
  }
],
"requiringSecret": true,
"requiringIdentification": false,
"requiringAuthentication": false,
"defaultable": false,
"requiringToken": true,
"shpMode": false,
"enabled": true,
"default": false
},
{
  "name": "invitation_pwd",
  "modeDisplayName": "Invitation URL + Password",
  "validDurationMillis": 86400000,
  "maxTry": 3,
  "secretLength": null,
  "secretGenerator": null,
  "notificationTemplateCategories": [
    {

```

```

    "category": "ENROLLMENT_AGENT",
    "categoryLabel": "Template For Agent Download",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_URL",
    "categoryLabel": "Template For Enrollment URL",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_PIN",
    "categoryLabel": "Template For Enrollment PIN",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_CONFIRMATION",
    "categoryLabel": "Template For Enrollment Confirmation",
    "notificationTemplate": null
  }
],
"requiringSecret": false,
"requiringIdentification": false,
"requiringAuthentication": true,
"defaultable": false,
"requiringToken": true,
"shpMode": false,
"enabled": true,
"default": false
},
{
  "name": "two_factor",
  "modeDisplayName": "Two Factor",
  "validDurationMillis": 86400000,

```

```
"maxTry": 3,
"secretLength": 8,
"secretGenerator": "NUMERIC",
"notificationTemplateCategories": [
  {
    "category": "ENROLLMENT_AGENT",
    "categoryLabel": "Template For Agent Download",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_URL",
    "categoryLabel": "Template For Enrollment URL",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_PIN",
    "categoryLabel": "Template For Enrollment PIN",
    "notificationTemplate": null
  },
  {
    "category": "ENROLLMENT_CONFIRMATION",
    "categoryLabel": "Template For Enrollment Confirmation",
    "notificationTemplate": null
  }
],
"requiringSecret": true,
"requiringIdentification": true,
"requiringAuthentication": true,
"defaultable": true,
"requiringToken": false,
"shpMode": false,
"enabled": true,
"default": false
```

```

},
{
  "name": "username_pin",
  "modeDisplayName": "User name + PIN",
  "validDurationMillis": 86400000,
  "maxTry": 3,
  "secretLength": 8,
  "secretGenerator": "NUMERIC",
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "categoryLabel": "Template For Agent Download",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_URL",
      "categoryLabel": "Template For Enrollment URL",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_PIN",
      "categoryLabel": "Template For Enrollment PIN",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_CONFIRMATION",
      "categoryLabel": "Template For Enrollment Confirmation",
      "notificationTemplate": null
    }
  ],
  "requiringSecret": true,
  "requiringIdentification": true,
  "requiringAuthentication": false,

```

```

    "defaultable": true,
    "requiringToken": false,
    "shpMode": false,
    "enabled": true,
    "default": false
  }
],
"notificationTemplatesCategories": [
  {
    "category": "ENROLLMENT_AGENT",
    "notificationTemplate": [
      {
        "id": 3,
        "agent": null,
        "automatic": null,
        "description": null,
        "name": "iOS Download Link",
        "eventType": "ZDM_NOTIFICATION_ENROLLMENT_DOWNLOAD_IOS",
        "sms": null,
        "smtp": null,
        "systemNoDelete": null,
        "classifications": null,
        "msg": null
      }
    ]
  },
  {
    "category": "ENROLLMENT_URL",
    "notificationTemplate": [
      {
        "id": 5,
        "agent": null,
        "automatic": null,

```

```

        "description": null,
        "name": "Enrollment Invitation",
        "eventType": "ZDM_NOTIFICATION_ENROLLMENT_INVITATION",
        "sms": null,
        "smtp": null,
        "systemNoDelete": null,
        "classifications": null,
        "msg": null
    }
]
},
{
    "category": "ENROLLMENT_PIN",
    "notificationTemplate": [
        {
            "id": 4,
            "agent": null,
            "automatic": null,
            "description": null,
            "name": "Enrollment PIN",
            "eventType": "ZDM_NOTIFICATION_ENROLLMENT_PIN",
            "sms": null,
            "smtp": null,
            "systemNoDelete": null,
            "classifications": null,
            "msg": null
        }
    ]
},
{
    "category": "ENROLLMENT_CONFIRMATION",
    "notificationTemplate": [
        {

```

```
    "id": 1,
    "agent": null,
    "automatic": null,
    "description": null,
    "name": "Enrollment Confirmation",
    "eventType": "ZDM_NOTIFICATION_ENROLLMENT_CONFIRMATION_ON_SUCCESS",
    "sms": null,
    "smtp": null,
    "systemNoDelete": null,
    "classifications": null,
    "msg": null
  }
]
},
"domainGroupsList": [

],
"carriers": [
  "NONE",
  "Alltel",
  "AT&T",
  "Boost Mobile",
  "Bouygues Telecom",
  "Cingular",
  "Metro PCS",
  "Nextel",
  "Orange",
  "Powertel",
  "SFR",
  "Sprint",
  "SunCom",
  "T-Mobile",
```

```

    "US Cellular",
    "Verizon",
    "Virgin Mobile"
  ]
}
}

```

3.19.3 Trigger Enrollment Notification

URL	https://hostname:4443/xenmobile/api/v1/enrollment/notify
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

[
  "ep-0f05c0f3-c90c-42b6-ae9c-06dcabe01ae2",
  "ep-deaeca69-41cf-48b3-868c-ae1b4ab448be"
]

```

Should be a list of OTPs.

Sample Request:

```

{
  "status": 0,
  "message": "Success"
}

```

3.19.4 Create Enrollment Invitation

URL	https://hostname:4443/xenmobile/api/v1/enrollment
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Field name	Description
------------	-------------

platforms	Possible platforms in an array format. iOS or SHTP or MACOSX
platform	This is deprecated from 10.7.0.
deviceOwnership	Possible deviceOwnership values are:- CORPORATE or BYOD or NO_BINDING
mode > name	All possible enrollment modes can be obtained by calling getEnrollmentModes defined above.
carrier	All possible carriers can be obtained by calling getEnrollmentInfo defined above.
deviceBindingType	Possible deviceBindingType values:- UDID or SERIALNUMBER or IMEI
notifyNow	Set this flag to true if notifications need to be sent immediately, as soon as OTP is created.
pin	Custom pin that can be used instead of the one randomly generated by the server when using modes that need PIN. The length of the PIN needs to match with the setting used for the given enrollment mode. (Default length is 8)

Sample Request (For Single User):

```
{
  "platforms": ["iOS", "MACOSX"],
  "pin": "12345678",
  "deviceOwnership": "CORPORATE",
  "mode": {
    "name": "classic"
  },
  "userName": "local1",
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "notificationTemplate": {
        "name": "iOS Download Link"
      }
    },
    {
      "category": "ENROLLMENT_URL",
      "notificationTemplate": {
        "name": "NONE"
      }
    }
  ]
}
```

```

    "category": "ENROLLMENT_PIN",
    "notificationTemplate": {
      "name": "NONE"
    }
  },
  {
    "category": "ENROLLMENT_CONFIRMATION",
    "notificationTemplate": {
      "name": "Enrollment Confirmation"
    }
  }
],
"phoneNumber": "9999999999",
"carrier": "Alltel",
"deviceBindingType": "SERIALNUMBER",
"deviceBindingData": "987654321",
"notifyNow": true
}

```

Sample Response (For Single User):

```

{
  "status": 0,
  "message": "Success",
  "urls": [
    {
      "token": "ep-cf3f01a5-cf63-4b34-b626-369c8dc12f7d",
      "url": "https://hostname:8443/zdm/su?e=ep-cf3f01a5-cf63-4b34-b626-369c8dc12f7d"
    },
    {
      "platform": "iOS"
    }
  ],
  {
    "token": "ep-64b4447a-03ee-4dfd-bdc9-f1286704f647",
    "url": "https://hostname:8443/zdm/su?e=ep-64b4447a-03ee-4dfd-bdc9-f1286704f647"
  },
}

```

```
    "platform": "MACOSX"
  }
]
}
```

Sample Request (For Group):

```
{
  "platforms": ["iOS", "MACOSX"],
  "pin": "12345678",
  "deviceOwnership": "CORPORATE",
  "mode": {
    "name": "classic"
  },
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "notificationTemplate": {
        "name": "iOS Download Link"
      }
    },
    {
      "category": "ENROLLMENT_URL",
      "notificationTemplate": {
        "name": "NONE"
      }
    },
    {
      "category": "ENROLLMENT_PIN",
      "notificationTemplate": {
        "name": "NONE"
      }
    }
  ],
}
```

```

    "category": "ENROLLMENT_CONFIRMATION",
    "notificationTemplate": {
      "name": "Enrollment Confirmation"
    }
  },
  "carrier": "NONE",
  "deviceBindingType": "SERIALNUMBER",
  "domainName": "local",
  "groupName": "AC08EP61S75",
  "notifyNow": true
}

```

Sample Response (For Group):

```

{
  "status": 0,
  "message": "OTPs created successfully for group"
}

```

3.19.5 Get Enrollment Records by Filter

URL	https://hostname:4443/xenmobile/api/v1/enrollment/filter
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "start": "0",
  "limit": "10",
  "sortOrder": "ASC",
  "sortColumn": "ID",
  "search": "Any search term",
  "enableCount": "false",
  "filterIds": "['enrollment.invitationMode#classic@_fn_@invitation']"
}

```

```
}

```

All fields are optional.

Field name	Description
start	Start is the starting index for data where as limit is the records limits you want to fetch. Start and limit are used for pagination. Start=0 and limit=100 would get 100 records starting from index 0.
limit	
sortColumn	Valid values for sortColumn are: 'ID', 'USERNAME', 'TOKEN', 'TYPE', 'MODE', 'DEVICE_BINDIND_TYPE', 'DEVICE_DINDING_DATA', 'STATUS', 'CREATE_TIME', 'VALID_UNTIL' and 'SECRET'
sortOrder	Valid values are ASC or DESC
search	A search string to filter enrollments
enableCount	enableCount of false improves performance, as fetching number of records per filter is disabled.
filterIds	Filterids can be specified to get records based on specific filter creteria.

You can use following filterIds in filter enrollment invitations API.

Filter Name	Filter Id	
Filter enrollment invitations by status	Redeemed	enrollment.invitationStatus.redeemed
	Pending	enrollment.invitationStatus.pending
	Epired	enrollment.invitationStatus.expired
	Failed	enrollment.invitationStatus.failed
Filter enrollment invitations by platform	iOS	enrollment.invitationStatus.ios
	Android	enrollment.invitationPlatform.android
Filter enrollment invitations by ownership	BYOD	enrollment.ownership.byod
	Corporate owned	enrollment.ownership.corporate
	Unknown	enrollment.ownership.unknown
Filter enrollment invitations by mode	enrollment.invitationMode# MODE_NAME @_fn_@invitation	

Mode names can be retrieved from “Get Enrollment Modes” API.

Sample Response:

```
{
  "status": 0,
  "message": "Success",
}
```

```
"enrollmentFilterResponse": {
  "currentFilter": {
    "detail": [
      {
        "displayName": "Invitation Status",
        "name": "enrollment.invitationStatus",
        "value": null,
        "level": null,
        "checked": null,
        "leafNode": false,
        "nodes": [
          {
            "displayName": "Redeemed",
            "name": "enrollment.invitationStatus.redeemed",
            "value": -1,
            "level": 0,
            "checked": false,
            "leafNode": true,
            "nodes": null
          },
          {
            "displayName": "Pending",
            "name": "enrollment.invitationStatus.pending",
            "value": -1,
            "level": 0,
            "checked": false,
            "leafNode": true,
            "nodes": null
          },
          {
            "displayName": "Expired",
            "name": "enrollment.invitationStatus.expired",
            "value": -1,
```

```

    "level": 0,
    "checked": false,
    "leafNode": true,
    "nodes": null
  },
  {
    "displayName": "Failed",
    "name": "enrollment.invitationStatus.failed",
    "value": -1,
    "level": 0,
    "checked": false,
    "leafNode": true,
    "nodes": null
  }
]
},
{
  "displayName": "Invitation Platform",
  "name": "enrollment.invitationPlatform",
  "value": null,
  "level": null,
  "checked": null,
  "leafNode": false,
  "nodes": [
    {
      "displayName": "Android",
      "name": "enrollment.invitationPlatform.android",
      "value": -1,
      "level": 0,
      "checked": false,
      "leafNode": true,
      "nodes": null
    }
  ],

```

```

    {
      "displayName": "iOS",
      "name": "enrollment.invitationStatus.ios",
      "value": -1,
      "level": 0,
      "checked": false,
      "leafNode": true,
      "nodes": null
    }
  ]
},
{
  "displayName": "Invitation Mode",
  "name": "enrollment.invitationMode",
  "value": null,
  "level": null,
  "checked": null,
  "leafNode": false,
  "nodes": [
    {
      "displayName": "User name + Password",
      "name": "enrollment.invitationMode#classic@_fn_@invitation",
      "value": -1,
      "level": 0,
      "checked": false,
      "leafNode": true,
      "nodes": null
    }
  ]
},
{
  "displayName": "Device Ownership",
  "name": "enrollment.ownership",

```



```
"value": null,
"level": null,
"checked": null,
"leafNode": false,
"nodes": [
  {
    "displayName": "BYOD",
    "name": "enrollment.ownership.byod",
    "value": -1,
    "level": 0,
    "checked": false,
    "leafNode": true,
    "nodes": null
  },
  {
    "displayName": "Corporate owned",
    "name": "enrollment.ownership.corporate",
    "value": -1,
    "level": 0,
    "checked": false,
    "leafNode": true,
    "nodes": null
  },
  {
    "displayName": "Unknown",
    "name": "enrollment.ownership.unknown",
    "value": -1,
    "level": 0,
    "checked": false,
    "leafNode": true,
    "nodes": null
  }
]
```

```

    }
  ],
  "selectedFilters": [

  ]
},
"enrollmentList": {
  "enrollments": [
    {
      "token": "ep-31ae1cb3-f96b-41dd-8d87-c245799a04af",
      "type": "iOS",
      "typeLabel": "iOS",
      "mode": "classic",
      "userName": "local1",
      "deviceBindingType": "SERIALNUMBER",
      "deviceBindingTypeLabel": "Serial Number",
      "deviceBindingData": "987654321",
      "secret": null,
      "createTime": 1476618383925,
      "validUntil": null,
      "status": "PENDING",
      "statusLabel": "_X_ew_FILTER_DEVICE_INVITATION_STATUS_PENDING",
      "notificationTemplateCategories": [
        {
          "category": "ENROLLMENT_AGENT",
          "categoryLabel": "Template For Agent Download",
          "notificationTemplate": {
            "id": 3,
            "agent": null,
            "automatic": null,
            "description": null,
            "name": "iOS Download Link",
            "eventType": "ZDM_NOTIFICATION_ENROLLMENT_DOWNLOAD_IOS",

```

```

        "sms": null,
        "smtp": null,
        "systemNoDelete": null,
        "classifications": null,
        "msg": null
    }
},
{
    "category": "ENROLLMENT_URL",
    "categoryLabel": "Template For Enrollment URL",
    "notificationTemplate": null
},
{
    "category": "ENROLLMENT_PIN",
    "categoryLabel": "Template For Enrollment PIN",
    "notificationTemplate": null
},
{
    "category": "ENROLLMENT_CONFIRMATION",
    "categoryLabel": "Template For Enrollment Confirmation",
    "notificationTemplate": {
        "id": 1,
        "agent": null,
        "automatic": null,
        "description": null,
        "name": "Enrollment Confirmation",
        "eventType": "ZDM_NOTIFICATION_ENROLLMENT_CONFIRMATION_ON_SUCCESS",
        "sms": null,
        "smtp": null,
        "systemNoDelete": null,
        "classifications": null,
        "msg": null
    }
}

```

```

    }
  ]
},
{
  "token": "ep-9b495e0c-77fd-4e7a-9e2d-1e8b9377e38c",
  "type": "iOS",
  "typeLabel": "iOS",
  "mode": "classic",
  "userName": "admin",
  "deviceBindingType": null,
  "deviceBindingTypeLabel": null,
  "deviceBindingData": null,
  "secret": null,
  "createTime": 1476616485315,
  "validUntil": null,
  "status": "PENDING",
  "statusLabel": "_X_ew_FILTER_DEVICE_INVITATION_STATUS_PENDING",
  "notificationTemplateCategories": [
    {
      "category": "ENROLLMENT_AGENT",
      "categoryLabel": "Template For Agent Download",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_URL",
      "categoryLabel": "Template For Enrollment URL",
      "notificationTemplate": null
    },
    {
      "category": "ENROLLMENT_PIN",
      "categoryLabel": "Template For Enrollment PIN",
      "notificationTemplate": null
    }
  ],
}

```

```

    {
      "category": "ENROLLMENT_CONFIRMATION",
      "categoryLabel": "Template For Enrollment Confirmation",
      "notificationTemplate": null
    }
  ]
}
],
"count": 2,
"totalCount": 2
}
}
}

```

3.20 Role Based Access

3.20.1 Get Roles

URL	https://hostname:4443/xenmobile/api/v1/rbac/roles
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```

{
  "status": 0,
  "message": "Roles list has been fetched successfully",
  "roles": [
    "ADMIN",
    "DEVICE_PROVISIONING",
    "SUPPORT",
    "USER"
  ],
  "totalCount": 4
}

```

3.20.2 Get Role Definition

URL	https://hostname:4443/xenmobile/api/v1/rbac/role/{role}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/rbac/role/DEVICE_PROVISIONING
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "permissions": [
    {
      "permission": "feature-USER_EDITGROUP-",
      "granted": true
    },
    {
      "permission": "feature-CONFIG-",
      "granted": true
    },
    {
      "permission": "feature-USER_EDITUSER_PROPERTIES-",
      "granted": true
    },
    {
      "permission": "feature-USER_EDITUSER-",
      "granted": true
    },
    {
      "permission": "feature-DEVICE-",
      "granted": true
    }
  ]
}
```

```

    },
    {
      "permission": "feature-DEVICE_EDIT_PROPERTIES-",
      "granted": true
    },
    {
      "permission": "feature-DEVICE_EDIT-",
      "granted": true
    },
    {
      "permission": "feature-SETTING-",
      "granted": true
    },
    {
      "permission": "feature-USER_PERMISSION-",
      "granted": true
    }
  ],
  "name": "DEVICE_PROVISIONING",
  "adGroups": null
}

```

3.20.3 Get Permission Tree

URL	https://hostname:4443/xenmobile/api/v1/rbac/permissiontree/{role}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/rbac/permissiontree/DEVICE_PROVISIONING
```

Sample Response:

```
{
  "status": 0,

```

```

"message": "Permission tree has been fetched successfully",
"roleBasedAccessTreeChildren": {
  "text": "Features",
  "id": "features",
  "leaf": false,
  "children": [
    {
      "text": "Devices",
      "id": "perm-feature-DEVICE-",
      "leaf": false,
      "children": [
        {
          "text": "Edit device",
          "id": "perm-feature-DEVICE_EDIT_PROPERTIES-",
          "leaf": true,
          "children": null
        },
        {
          "text": "Add/Delete device",
          "id": "perm-feature-DEVICE_EDIT-",
          "leaf": true,
          "children": null
        }
      ]
    },
    {
      "text": "Setting",
      "id": "perm-feature-SETTING-",
      "leaf": true,
      "children": null
    }
  ]
}

```



```
}
```

3.20.4 Get Ad Groups for role

URL	https://hostname:4443/xenmobile/api/v1/rbac/adgroups/{role}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/rbac/adgroups/DEVICE_PROVISIONING
```

Sample Response:

```
{
  "status": 0,
  "message": "Ad Groups have been fetched successfully",
  "adGroups": [
    {
      "primaryGroupToken": 545,
      "uniqueName": "Users",
      "domainName": "agsag.com"
    }
  ]
}
```

3.20.5 Add Role

URL	https://hostname:4443/xenmobile/api/v1/rbac/role
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "name": "ADMIN_11",
```

```
"permissions": [
  {
    "permission": "perm-feature-DEVICE-",
    "granted": true
  },
  {
    "permission": "perm-feature-DEVICE_EDIT_PROPERTIES-",
    "granted": true
  },
  {
    "permission": "perm-feature-DEVICE_EDIT-",
    "granted": true
  },
  {
    "permission": "perm-feature-SETTING-",
    "granted": true
  }
],
"adGroups": [
  {
    "primaryGroupToken": 545,
    "uniqueName": "Users",
    "domainName": "agsag.com"
  }
]
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Role has been added successfully"
}
```

3.20.6 Update Role

URL	https://hostname:4443/xenmobile/api/v1/rbac/role/{role}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/rbac/role/ADMIN_11
```

Sample Request:

```
{
  "permissions": [
    {
      "permission": "perm-feature-DEVICE-",
      "granted": true
    },
    {
      "permission": "perm-feature-DEVICE_EDIT_PROPERTIES-",
      "granted": true
    },
    {
      "permission": "perm-feature-DEVICE_EDIT-",
      "granted": true
    },
    {
      "permission": "perm-feature-SETTING-",
      "granted": true
    }
  ],
  "adGroups": []
}
```

Sample Response:

```
{
  status: 0
  message: "Role has been updated successfully"
}
```

3.20.7 Delete Role

URL	https://hostname:4443/xenmobile/api/v1/rbac/role/{role}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/rbac/role/ADMIN_11
```

Sample Response:

```
{
  "status": 0,
  "message": "Role has been deleted successfully"
}
```

3.21 ShareFile

3.21.1 ShareFile Enterprise

3.21.1.1 Get ShareFile Enterprise Configurations

URL	https://hostname:4443/xenmobile/api/v1/sharefile/enterprise
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "shareFileEnterpriseData": {
```

```

    "domain": "subdomain.sharefile.com",
    "accountProvisioning": true,
    "userName": "admin@test.com",
    "id": 1,
    "roles": [
        "DeliveryGroup1",
        "DeliveryGroup2"
    ]
}
}

```

3.21.1.2 Add ShareFile Enterprise Configurations

URL	https://hostname:4443/xenmobile/api/v1/sharefile/enterprise
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "domain": "subdomain.sharefile.com",
  "accountProvisioning": true,
  "password": "password",
  "userName": "admin@test.com",
  "roles": [
    "DeliveryGroup1",
    "DeliveryGroup2"
  ]
}

```

Sample Response:

```

{
  "status": 0,
  "message": "ShareFile Application added successfully",
}

```

```

"shareFileEnterpriseData": {
  "domain": "subdomain.sharefile.com",
  "accountProvisioning": true,
  "userName": "admin@test.com",
  "id": 1,
  "roles": [
    "DeliveryGroup1",
    "DeliveryGroup2"
  ]
}
}

```

3.21.1.3 Update ShareFile Enterprise Configurations

URL	https://hostname:4443/xenmobile/api/v1/sharefile/enterprise
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "domain": "subdomain.sharefile.com",
  "accountProvisioning": false,
  "password": "password",
  "userName": "admin@test.com",
  "roles": [
    "DeliveryGroup1"
  ]
}

```

Sample Response:

```

{
  "status": 0,
  "message": "ShareFile Application updated successfully",
}

```

```

"shareFileEnterpriseData": {
  "domain": "subdomain.sharefile.com",
  "accountProvisioning": false,
  "userName": "admin@test.com",
  "id": 1,
  "roles": [
    "DeliveryGroup1"
  ]
}
}

```

3.21.1.4 Delete ShareFile Enterprise Configurations

URL	https://hostname:4443/xenmobile/api/v1/sharefile/enterprise
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```

{
  "status": 0,
  "message": "ShareFile Application deleted successfully"
}

```

3.21.2 ShareFile Storage Zone

3.21.2.1 Get All ShareFile Storage Zones

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors/storagezones
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```

{
  "status": 0,

```

```

"message": "Success",
"shareFileStorageZones": [
  {
    "id": 1,
    "name": "StorageZone2",
    "fqdn": "test.com",
    "port": 443,
    "secure": true,
    "userName": "user"
  }
]
}

```

3.21.2.2 Get ShareFile Storage Zone by Id

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors/storagezones/{id}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/sharefile/connectors/storagezones/1
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "shareFileStorageZone": {
    "id": 1,
    "name": "StorageZone2",
    "fqdn": "test.com",
    "port": 443,
    "secure": true,
    "userName": "user"
  }
}

```



```
}
```

3.21.2.3 Add ShareFile Storage Zone

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors/storagezones
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "name": "StorageZone2",
  "fqdn": "test.com",
  "port": "443",
  "secure": "true",
  "userName": "user",
  "password": "password"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Storage Zone has been added successssfully",
  "shareFileStorageZone": {
    "id": 1,
    "name": "StorageZone2",
    "fqdn": "test.com",
    "port": 443,
    "secure": true,
    "userName": "user"
  }
}
```

3.21.2.4 Update ShareFile Storage Zone

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors/storagezones/{id}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/sharefile/connectors/storagezones/1
```

Sample Request:

```
{
  "name": "StorageZone2",
  "fqdn": "test.com",
  "port": "443",
  "secure": "false",
  "userName": "user",
  "password": "password"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Storage Zone has been updated successfully",
  "shareFileStorageZone": {
    "id": 1,
    "name": "StorageZone2",
    "fqdn": "test.com",
    "port": 443,
    "secure": false,
    "userName": "user"
  }
}
```

3.21.2.5 Delete ShareFile Storage Zone

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors/storagezones/{id}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/sharefile/connectors/storagezones/1
```

Sample Response:

```
{
  "status": 0,
  "message": "Operation completed successfully"
}
```

3.21.3 ShareFile Storage Zone Connectors

3.21.3.1 Get Storage Zone Connectors by Filter

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors/filter
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "start": "0",
  "limit": "10",
  "sortOrder": "ASC",
  "sortColumn": "ID",
  "search": "Connector",
  "enableCount": "true",
  "filterIds": "[\"sharefile_connectors.dg#DeliveryGroup1@_fn_@sharefile_connectors.dg.list\"]"
}
```

All fields are optional.

Field name	Description
start	Start is the starting index for data where as limit is the records limits you want to fetch. Start and limit are used for pagination. Start=0 and limit=100 would get 100 records starting from index 0.
limit	
sortColumn	Valid values for sortColumn are: 'ID', 'NAME', 'TYPE', 'STORAGEZONE' and 'LOCATION'.
sortOrder	Valid values are ASC or DESC
search	A search string to filter connectors. To search a specific connector use connectors's name as search string.
enableCount	enableCount enables/disables fetching records count per filter. enableCount: false improves performance
filterIds	Filterids can be specified to get records based on specific filter creteria.

You can use following filterIds in filter storage zone connectors API.

Filter Name	Filter Id
Filter connectors by type	sharefile_connectors.type# TYPE @_fn_@sharefile_connectors.type.list
Filter connectors by assigned delivery groups	sharefile_connectors.dg# DG_NAME @_fn_@sharefile_connectors.dg.list
Filter connectors by storage zones	sharefile_connectors.storagezone# ZONE_NAME @_fn_@sharefile_connectors.storagezone.list

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "shareFileConnectors": [
    {
      "byPathData": "{\\"odata.metadata\\":\\"https://test.com/cifs/v3/$metadata#Items/ShareFile.Api.Models.Folder@Element\\",\\"Id\\":\\"jhdsajkhdkjsahdskjs-QLU9tdhsajhjshjjsYb14_\\",\\"url\\":\\"https://test.com/cifs/v3/Items(jhdsajkhdkjsahdskjs-QLU9tdhsajhjshjjsYb14_)\\\"}",
      "name": "Connector1",
      "description": "Test connector",
      "type": "NetworkFile",
      "location": "\\\\"sz\\"StorageZone",
      "deliveryGroups": [
```

```

    "DeliveryGroup1",
    "DeliveryGroup2"
  ],
  "createdOn": 1482433947106,
  "updatedOn": 1482433947106,
  "storageZoneId": "4",
  "storageZoneName": "SZ",
  "containerId": 3
}
]
}

```

3.21.3.2 Get Storage Zone Connector by Id

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors/{id}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/sharefile/connectors/3
```

Sample Response:

```

{
  "status": 0,
  "message": "Connector fetched successfully",
  "shareFileConnector": {
    "byPathData": "{\"odata.metadata\": \"https://test.com/cifs/v3/$metadata#Items/ShareFile.Api.Models.Folder@Element\", \"Id\": \"jhdsajkhdkjsahdskjs-QLU9tdhsajhshjjsYb14_\", \"url\": \"https://test.com/cifs/v3/Items(jhdsajkhdkjsahdskjs-QLU9tdhsajhshjjsYb14_)\"}",
    "name": "Connector1",
    "description": "Test connector",
    "type": "NetworkFile",
    "location": "\\sz\\StorageZone",
  }
}

```

```

    "deliveryGroups": [
      "DeliveryGroup1",
      "DeliveryGroup2"
    ],
    "createdOn": 1482434603997,
    "updatedOn": 1482434603997,
    "storageZoneId": "4",
    "storageZoneName": "SZ",
    "containerId": 3
  }
}

```

3.21.3.3 Add Storage Zone Connector

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```

{
  "name": "Connector1",
  "description": "Test connector",
  "type": "NetworkFile",
  "location": "\\\\"sz\\StorageZone",
  "storageZoneId": "4",
  "storageZoneName": "SZ",
  "deliveryGroups": [
    "DeliveryGroup1",
    "DeliveryGroup2"
  ]
}

```

Sample Response:

```

{
  "status": 0,
  "message": "Connector has been added successfully",
  "shareFileConnector": {
    "byPathData": "{\"odata.metadata\": \"https://test.com/cifs/v3/$metadata#Items/ShareFile.Api.Models.Folder@Element\", \"Id\": \"jhdsajkhdkjsahdskjs-QLU9tdhsajhshjjsYb14_\", \"url\": \"https://test.com/cifs/v3/Items(jhdsajkhdkjsahdskjs-QLU9tdhsajhshjjsYb14_)\"}",
    "name": "Connector1",
    "description": "Test connector",
    "type": "NetworkFile",
    "location": "\\sz\\StorageZone",
    "deliveryGroups": [
      "DeliveryGroup1",
      "DeliveryGroup2"
    ],
    "createdOn": 1482434603997,
    "updatedOn": 1482434603997,
    "storageZoneId": "4",
    "storageZoneName": "SZ",
    "containerId": 3
  }
}

```

3.21.3.4 Update Storage Zone Connector

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors/{id}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/sharefile/connectors/3
```

Sample Request:

```
{
```

```

"name": "Connector1",
"description": "Test connector",
"type": "NetworkFile",
"location": "\\\\"sz\\StorageZone",
"storageZoneId": "4",
"storageZoneName": "SZ",
"deliveryGroups": [
  "DeliveryGroup1"
]
}

```

Sample Response:

```

{
  "status": 0,
  "message": "Connector has been updated successfully",
  "shareFileConnector": {
    "byPathData": "{\"odata.metadata\": \"https://test.com/cifs/v3/$metadata#Items/ShareFile.Api.Models.Folder@Element\", \"Id\": \"jhdsajkhdkjsahdskjs-QLU9tdhsajhshjjsYb14_\", \"url\": \"https://test.com/cifs/v3/Items(jhdsajkhdkjsahdskjs-QLU9tdhsajhshjjsYb14_)\"}",
    "name": "Connector1",
    "description": "Test connector",
    "type": "NetworkFile",
    "location": "\\\\"sz\\StorageZone",
    "deliveryGroups": [
      "DeliveryGroup1"
    ],
    "createdOn": 1482434603997,
    "updatedOn": 1482434603997,
    "storageZoneId": "4",
    "storageZoneName": "SZ",
    "containerId": 3
  }
}

```



```
}
```

3.21.3.5 Delete Storage Zone Connector

URL	https://hostname:4443/xenmobile/api/v1/sharefile/connectors/{id}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/sharefile/connectors/3
```

Sample Response:

```
{
  "status": 0,
  "message": "Connectors deleted successfully"
}
```

3.22 Derived Credentials

3.22.1 Get all derived credentials

URL	https://hostname:4443/xenmobile/api/v1/derivedCredential
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "dcList": [
    {
      "id": 3,
      "name": "Entrust",
      "mode": "disabled",

```

```

"userIdentityField": "SubjectName",
"iosAppUrl": "igmobilesc:///?action=activation&provider=citrix",
"androidAppUrl": null,
"appParameter": {
  "aa": "bb",
  "cc": "dd"
},
"ocspResponder": "",
"ocspEnabled": false,
"derivedCredentialCertificateList": [
  {
    "certificateId": 450,
    "certType": "IssuerCA",
    "id": 5
  }
],
"userIdentifierType": "UPN",
"valid": true
}
]
}

```

3.22.2 Get derived credential by ID

URL	https://hostname:4443/xenmobile/api/v1/derivedCredential/{id}
Request type	GET
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/derivedCredential/3
```

Sample Response:

```

{
  "status": 0,
  "message": "Success",
  "dc": {
    "id": 3,
    "name": "Entrust",
    "mode": "disabled",
    "userIdentityField": "SubjectName",
    "iosAppUrl": "igmobilesc:///?action=activation&provider=citrix",
    "androidAppUrl": null,
    "appParameter": {
      "aa": "bb",
      "cc": "dd"
    },
    "ocspResponder": "",
    "ocspEnabled": false,
    "derivedCredentialCertificateList": [
      {
        "certificateId": 450,
        "certType": "IssuerCA",
        "id": 5
      }
    ],
    "userIdentifierType": "UPN",
    "valid": true
  }
}

```

3.22.3 Add derived credential

URL	https://hostname:4443/xenmobile/api/v1/derivedCredential
Request type	POST
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample Request:

```
{
  "appParameter": {
    "aa": "bb",
    "cc": "dd"
  },
  "derivedCredentialCertificateList": [
    {
      "certType": "IssuerCA",
      "certificateId": 450
    },
    {
      "certType": "ResponderCA",
      "certificateId": 450
    }
  ],
  "iosAppUrl": "com.entrust.ios://cert",
  "name": "Other",
  "ocspEnabled": false,
  "userIdentifierType": "SAM",
  "ocspResponder": "https://www.ocspentrust.com",
  "userIdentityField": "SubjectName"
}
```

Sample Response:

```
{
  "status": 0,
  "message": "Success",
  "dc": {
    "id": 3,
    "name": "Other",
    "mode": "disabled",
  }
}
```

```

"userIdentityField": "SubjectName",
"iosAppUrl": "com.entrust.ios://cert",
"androidAppUrl": null,
"appParameter": {
  "aa": "bb",
  "cc": "dd"
},
"ocspResponder": "https://www.ocspentrust.com",
"ocspEnabled": false,
"derivedCredentialCertificateList": [
  {
    "certificateId": 450,
    "certType": "IssuerCA",
    "id": 6
  },
  {
    "certificateId": 450,
    "certType": "ResponderCA",
    "id": 7
  }
],
"userIdentifierType": "SAM",
"valid": true
}
}

```

3.22.4 Update derived credential by ID

URL	https://hostname:4443/xenmobile/api/v1/derivedCredential/{id}
Request type	PUT
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/derivedCredential/3
```

Sample Request:

```
{
  "appParameter": {
    "aa": "bb",
    "cc": "dd",
    "ee": "ff"
  },
  "derivedCredentialCertificateList": [
    {
      "certType": "IssuerCA",
      "certificateId": 450,
      "id": 6
    },
    {
      "certType": "ResponderCA",
      "certificateId": 450,
      "id": 7
    }
  ],
  "iosAppUrl": "com.entrust.ios://cert",
  "name": "Other",
  "ocspEnabled": false,
  "userIdentifierType": "SAM",
  "ocspResponder": "",
  "userIdentityField": "SubjectName"
}
```

Sample Response:

```
{
  "status": 0,
}
```

```
"message": "Success",
"dc": {
  "id": 3,
  "name": "Other",
  "mode": "disabled",
  "userIdentityField": "SubjectName",
  "iosAppUrl": "com.entrust.ios://cert",
  "androidAppUrl": null,
  "appParameter": {
    "aa": "bb",
    "cc": "dd",
    "ee": "ff"
  },
  "ocspResponder": "",
  "ocspEnabled": false,
  "derivedCredentialCertificateList": [
    {
      "derivedCredentialId": 3,
      "certificateId": 450,
      "certType": "IssuerCA",
      "id": 0
    },
    {
      "derivedCredentialId": 3,
      "certificateId": 450,
      "certType": "ResponderCA",
      "id": 0
    }
  ],
  "userIdentifierType": "SAM",
  "valid": true
}
}
```

3.22.5 Delete derived credential by ID

URL	https://hostname:4443/xenmobile/api/v1/derivedCredential/{id}
Request type	DELETE
Request header	Auth_token : auth token obtained during login Content type : application/json

Sample URL:

```
https://hostname:4443/xenmobile/api/v1/derivedCredential/3
```

Sample Response:

```
{  
  "status": 0,  
  "message": "Success"  
}
```