

**Trimble Web Service API**

**Version 1.0**

**Date: 20 September 2014**

**Email: support@wso2.com**

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Description** |
| **1.0.0** | **20th September 2014** | **API methods for Account and User service** |

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# **1 Introduction**

This document is used to describe all the key features and how to access Trimble Rest API. Currently this is deployed in trimble-dev environment. In this document it is mostly used to describe the required authentication procedure and API methos description.Business scenarios are also elaborated as required and in detail for some scenarios.

# **2. API Introduction**

## 2.1 Account Provision API

Following are the methods available in Account Provision API

[1]. [addAccount](#h.k8mumz6jepz4)

[2]. [modifyAccount](#h.xg55u7hssj1j)

[3]. [getAccount](#h.w0u0t8smxbpu)

[4]. [updateApproveStatus](#h.93tw06puxidk)

[5]. [accountActivate](#h.qqqpfulsfajv)

[6]. [accountDeactivate](#h.6n28q8eyjrl5)

[7]. [getAccountList](#h.9unjweyy1iav)

[8]. [getAccountList from internal server](#h.oum2lzfni8n8)

[9]. [searchAccount](#h.9wb4jhpp3fhi)

[10]. [getAccountList-{startindex}-{pagesize}](#h.a8a30i2yram2)

## 2.2 User Provision API

Following are the methods available in User Provision API

[1]. [addUser](#h.iftflxr9irb4)

[2]. [getUser](#h.a2g651vst04s)

[3]. [updateUser](#h.g1biob3qmb7l)

[4]. [deleteUser](#h.4udgjgq6ux5g)

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[8]. [deleteRole](#h.x5tq7zv8x89n)

[9]. [getRolesOfUser](#h.x9n6o9lybr0p)

[10]. [setUsersToRole](#h.egogpjjlmyeo)

[11]. [setRolesToUser](#h.mp8nci64sc6n)

[12]. [getUserList](#h.dskf7e7shnmt)

[13]. [getSearchUser](#h.mlwb87u4u48c)

[14].[getPermission](#h.bz34494a5b9f)

## 2.3 User Signup API

Following are the methods available in User Signup API

[1]. [signupAccount](#h.ytv2ewyaz0lo)

[2]. [signupUser](#h.2rwc4ecaiw7r)

# **3. Account Provision API Functions**

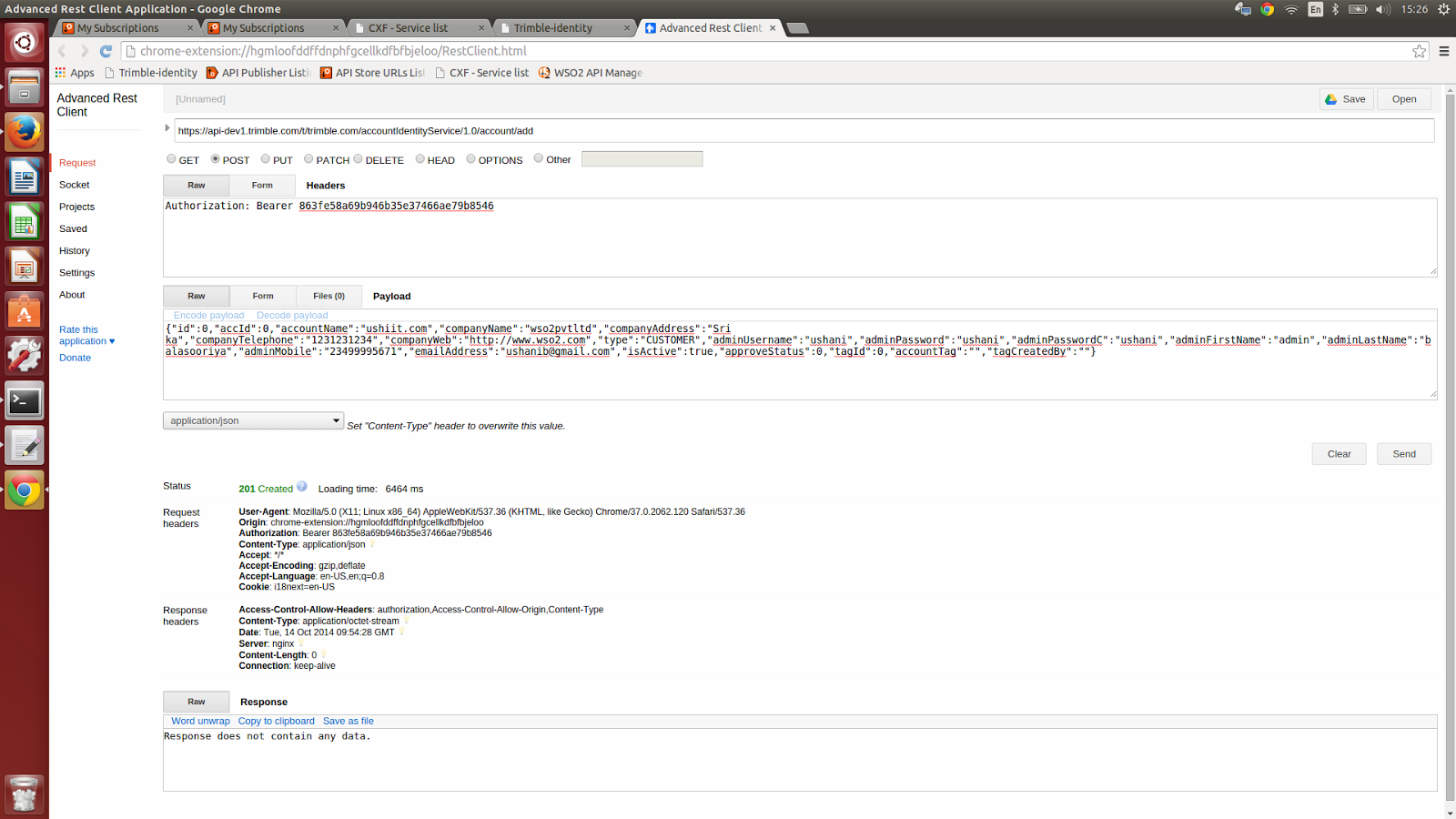
## 3.1 Account Adding

By calling this method will create an account in identity system using provided data. Following property should be set properly for creating account.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| accId | Yes | account id , this should be 0 for account create |
| accountName | Yes | name of the account, it should follow domain name pattern ex: example.com |
| companyName | yes | Company name of the account |
| companyTelephone | yes |  |
| companyWeb | yes |  |
| type | Yes | Possible account types : CUSTOMER, DEALER, and BUSINESS\_UNIT |
| adminUsername | Yes | admin user name of the account |
| adminPassword | Yes |  |
| adminFirstName | Yes |  |
| adminLastName | Yes |  |
| adminMobile | No |  |
| emailAddress | Yes | email address of the account |
| isActive | yes | account status - true and false, this will enable and disable the tenant and users at once |
| approveStatus | yes | 0- to be approve [default], 1- Active, 2 -Deny |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | account/add |
| **HTTP Method** | POST |
| **Sample Request** | <https://api-dev1.trimble.com/t/trimble.com/accountIdentityService/1.0/account/add> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Request Content Type** | application/json |
| **Payload** | {"accountName":"tenant1x2.com","companyName":"wso2xpvtltd","companyTelephone":"1231231234","companyWeb":"http://www.sitewso2.com","type":"BUSINESS\_UNIT","adminUsername":"admin","adminPassword":"Test@123456",adminPasswordC: "Test@123456","adminFirstName":"admin","adminLastName":"Lname","emailAddress":"user@gmail.com","isActive":true,"approveStatus":0,"tagId":0,"accountTag":"","tagCreatedBy":""} |
| **Sample Response Status** | 201 Created |
| **Sample Response** | 1011 (account id) |
| **Response Content type** | application/octet-stream |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |



**Figure 1 : Account add via Rest client**

**note: Company Address property was removed from dev1 build version 2.4.5.**

## 3.2 Account Modification

By calling this method will modify attributes of an account except tenant name and admin user name in identity system using provided data. Following property should be set properly for update account.

|  |  |  |
| --- | --- | --- |
| **Propert Name** | **Is Required** | **Description** |
| **id** | Yes | this should be the uuid of the selected object |
| accId | Yes | account id , this should be account id of selected object |
| accountName | Yes | name of the account, account Name cannot be updated. |
| companyName | yes | Company name of the selected account |
| companyTelephone | yes | Company Telephone number of the selected account |
| companyWeb | yes | Company web address of the selected account |
| type | Yes | Possible account types : CUSTOMER, DEALER, and BUSINESS\_UNIT |
| adminUsername | Yes | admin user name of the account |
| adminPassword | Yes | admin password of the account |
| adminFirstName | Yes |  |
| adminLastName | Yes |  |
| adminMobile | No |  |
| emailAddress | Yes | email address of the account |
| uuid | Yes | uuid of the relevant object |
| isActive | yes | account status - true and false, this will enable and disable the tenant and users at once |
| approveStatus | yes | 0- to be approve [default], 1- Active, 2 -Deny |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | account/modify |
| **HTTP Method** | PUT |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/approve-ushani.com-0)[modify](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |
| **Content Type** | application/json |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Payload** | {  id: 266,accId: 317,accountName: "lotr.com",companyName: "lotr.com",companyTelephone: "12121212121",companyWeb: "http://wso2.com",type: "DEALER",adminUsername: "frodo",adminPassword: "password",adminPasswordC: "password",adminFirstName: "frodo",adminLastName: "frodo",emailAddress: "frodo@lotr.com",uuid: 266,isActive: true,approveStatus: 0,accountTag: "",tagCreatedBy: ""  } |
| **Sample Response status code** | 200 OK |
| **Sample Response Content Type** | application/xml |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

**note: Company Address property was removed from dev1 build version 2.4.5.**

## 3.3 View Account for given Account Name

By calling this method user can received the account information based on the given account name.

|  |  |
| --- | --- |
| **Request Parameter** | **Description** |
| domain | name of th[e account.](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | account/view-{domain} |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | https://api-dev1.trimble.com/t/trimble.com/accountIdentityService/1.0/account/view-lotr.com |
| **Content Type** | application/json |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response** | {id: 266 accId: 317 accountName: "lotr.com" companyName: "lotr.com" companyAddress: "colombo" companyTelephone: "12121212121" companyWeb: "http://wso2.com" type: "DEALER" adminUsername: "frodo" adminPassword: "" adminPasswordC: "" adminFirstName: "frodo" adminLastName: "frodo" emailAddress: "frodo@lotr.com" uuid: 266 isActive: true approveStatus: 0 accountTag: "" tagCreatedBy: ""  } |
| **Sample Response Content Type** | application/json |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |
| **Sample Response Status** | 200 OK |

## 

## 3.4 Update the account approval status

By calling this method user can update approve account status in given account name.

|  |  |
| --- | --- |
| **Property Name** | **Description** |
| domain | account name |
| status | account approve status.  0- to be approve [default], 1- Active, 2 -Deny |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | account/approve-{domain}-{status} |
| **HTTP Method** | GET |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | https://api-dev1.trimble.com/t/trimble.com/accountIdentityService/1.0/account/approve-ushani.com-1 |
| **Sample Response Status** | 200 OK |
| **Response Body** | - |
| **Response Content type** | application/octet-stream |

## 3.5 Activate the specified domain name

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | account/activate-{domain} |
| **HTTP Method** | GET |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/activate-ushi.com |
| **Sample Response Status** | 200 OK |
| **Response Body** | - |
| **Response Content type** | application/octet-stream |

## 3.6. Deactivate the specified domain name

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | account/deactivate-{domain} |
| **HTTP Method** | GET |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/deactivate-ushi.com |
| **Sample Response** | 200 OK |
| **Response Body** | - |
| **Response Content type** | application/octet-stream |

## 

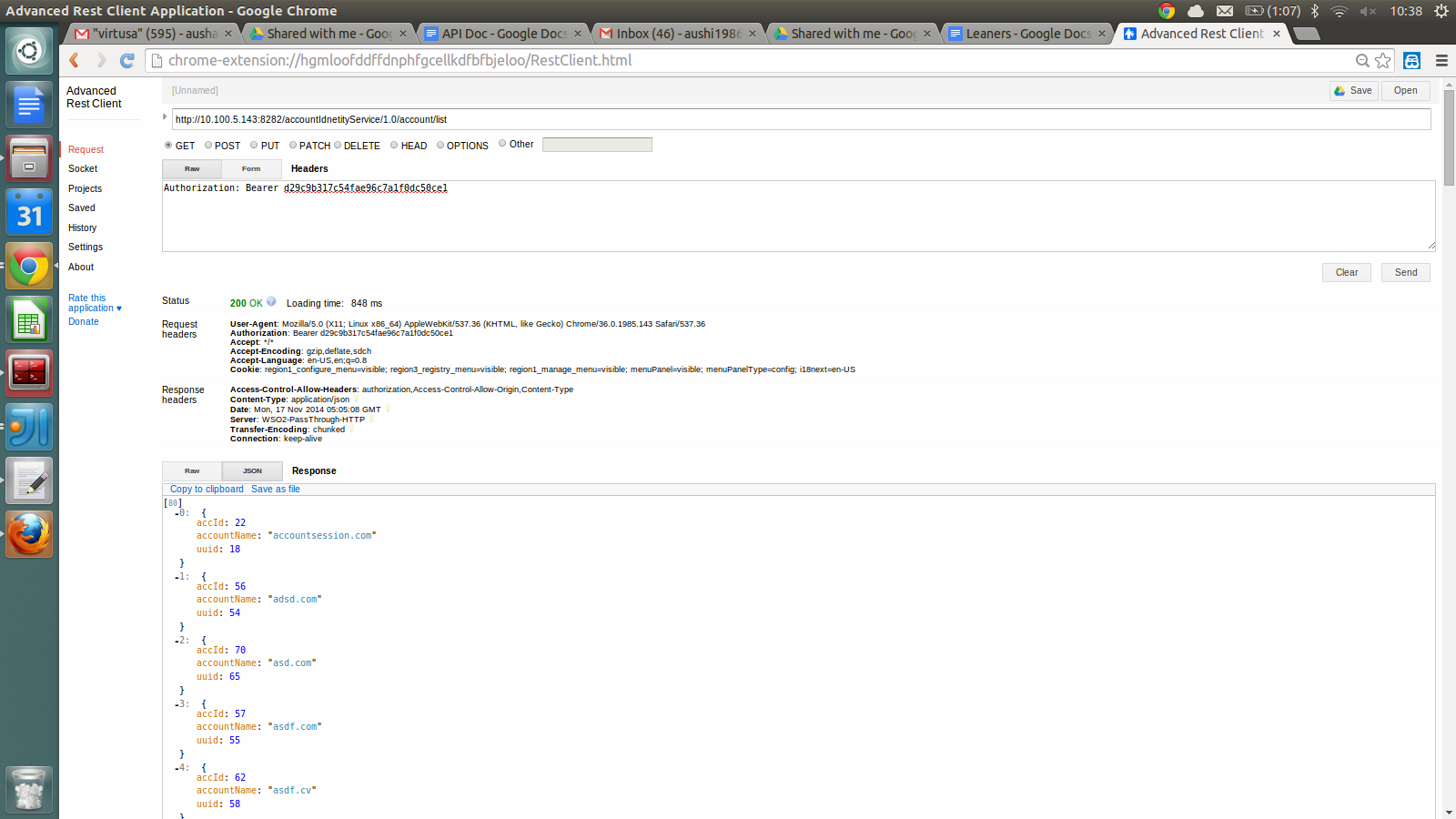
## 3.7 List Account

This method will retun the list of account.it contain basic information about perticular account.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | account/list |
| **HTTP Method** | GET |
| **Sample Request** | https://api-dev1.trimble.com/t/trimble.com/accountIdentityService/1.0/account/list |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response** | [2]  0: {  accId: 1  accountName: "android.com"  uuid: 18  }-  1: {  accId: 2  accountName: "iphone.com"  uuid: 54  } |
| **Sample Response Content Type** | application/json |
| **Sample Response Status Code** | 200 OK |

Figure 2 is an illustration of the rest client used for account list.



**Figure 2 : Account list via Rest client**

## 3.8 List from Internal server

**(This method is removed from dev1 build version 2.4.5 and refer “3.7 List Account” list account)**

This is obsolete list.you can use List account method for that.

|  |  |
| --- | --- |
| **Operation** | account/listfrominternalserverF |
| **HTTP Method** | GET |
| **Sample Request** | https://api-dev1.trimble.com/t/trimble.com/accountIdentityService/1.0/account/listfrominternalserver |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response** | [{"id":45,"accId":47,"accountName":"ushanib.com","companyName":"WSO2","companyAddress":"Sri Lanka","companyTelephone":"66666666666","companyWeb":"wso2.com","type":"BUSINESS\_UNIT","adminUsername":"ushani","adminPassword":"","adminPasswordC":"","adminFirstName":"ushanib","adminLastName":"Balasooriya","emailAddress":"ushanib@gmail.com","isActive":true,"approveStatus":1,"tagId":0,"accountTag":"","tagCreatedBy":""}] |
| **Sample Response Content Type** | application/json |
| **Sample Response Status Code** | 200 OK |

## 3.9. Get accounts for given text

By calling this method user can view the list of accounts that relevant to given text.This is the fully search result based on the given text.

|  |  |
| --- | --- |
| **Property Name** | **Description** |
| text | It can be any text |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | account/search?text={search text} |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | https://api-dev1.trimble.com/t/trimble.com/accountIdentityService/1.0/account/search?text=fro\* |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response Body** | [{"id":45,"accId":47,"accountName":"ushanib.com","companyName":"WSO2","companyAddress":"Sri Lanka","companyTelephone":"66666666666","companyWeb":"wso2.com","type":"BUSINESS\_UNIT","adminUsername":"ushani","adminPassword":"","adminPasswordC":"","adminFirstName":"ushanib","adminLastName":"Balasooriya","emailAddress":"ushanib@gmail.com","isActive":true,"approveStatus":1,"tagId":0,"accountTag":"","tagCreatedBy":""}] |
| **Sample Response Status Code** | **200 OK** |
| **Sample Response Content Type** | application/json |

## 3.10. Get accounts list for a given page size

By calling this method user can view the list of accounts that will be displayed in a particular page.

|  |  |
| --- | --- |
| **Operation** | account/list-{startindex}-{pagesize} |
| **HTTP Method** | GET |
| **Sample Request** | https://api-dev1.trimble.com/t/trimble.com/accountIdentityService/1.0/account/list-0-10 |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response** | [1]  0:  {id: 0 accId: 1170  accountName: "accountnov.com"  companyName: "Trimble"  companyAddress: "Chennai"  companyTelephone: ""  companyWeb: "http://www.trimble.com"  type: "DEALER"  adminUsername: ""  adminPassword: ""  adminPasswordC: ""  adminFirstName: ""  adminLastName: ""  emailAddress: ""  uuid: 1065  isActive: true  approveStatus: 1  accountTag: ""  tagCreatedBy: ""  } |
| **Sample Response Status** | **200 OK** Records in the first page.  E.g., If number of records per page is 25 and need to display the records in the second page, then you should provide 25-25 |
| **Sample Response Content Type** | application/json |

## 3.11. Search accounts using given text

By calling this method user can view the list of accounts that will be displayed in a particular page.

|  |  |
| --- | --- |
| **Operation** | account/searchall |
| **HTTP Method** | GET |
| **Sample Request** | 1. <https://api-dev1.trimble.com/t/trimble.com/accountIdentityService/1.0/account/searchall?text=test>   Without parameters   1. https://api-dev1.trimble.com/t/trimble.com/accountIdentityService/1.0/account/searchall |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response** | [3]  0: {  accId: 56  accountName: "testone.com"  uuid: 54  }-  1: {  accId: 57  accountName: "testtwo.com"  uuid: 73  }-  2: {  accId: 92  accountName: "tenant2.com"  uuid: 86  } |
| **Sample Response Status** | **200 OK** |
| **Sample Response Content Type** | application/json |

# **4. User Provision API Functions**

## 4.1 User Adding

By calling this method will create an user in identity system using provided data. Following property should be set properly for creating account.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| userName | Yes | name of user |
| password | yes | password |
| Re-Type Password | yes |  |
| Email Address | yes |  |
| First Name | yes |  |
| Last Name | Yes |  |
| Contact Number | Yes |  |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/add |
| **HTTP Method** | POST |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/add> |
| [**Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Payload** | {"lastName":"Balasooriya", "password" : "Test@12345678", "repassword" : "Test@12345678", "contactNumber":"12345678333","email":"ushi324@gmail.com","userName":"pradeep5004","firstName":"Ushani6","roleList":["ApplicationServiceRole"]} |
| **Response Status** | 201 Created |
| **Sample Response** | ff12bc10-60c1-11e4-992c-0ae6e22a327f (uuid) |
| **Response Content type** | application/octet-stream |

## 

## 4.2 View User information

By calling this method can be view the user information for a given user name.

|  |  |
| --- | --- |
| **Property Name** | **Description** |
| username | user name of that need to review user information |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/view-{username} |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/view-frodo> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response** | {  roleList: [5]  0: "AccountProvisionAdmin"  1: "AccountProvisionSuperAdmin"  2: "ApplicationProvisionAdmin"  3: "SubscriptionProvisionAdmin"  4: "UserProvisionAdmin"  -  lastName: "frodo"  email: "frodo@lotr.com"  userName: "frodo"  firstName: "frodo"  } |
| **Sample Response Content Type** | application/json |
| **Response Status Code** | 200 OK |

## 4.3 Update User information

By calling this method user information can be modified except username according to given username. Following property should be set properly for update user information.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| Username | yes | read only. |
| Email Address | yes | mail address of the user |
| First Name | yes | First name of user |
| Last Name | yes | Last name of user |
| Contact Number | yes | contact number of user.But not mandatory |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | users/update |
| **HTTP Method** | PUT |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/update> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Content Type** | application/json |
| **Sample Payload** | {"lastName":"Balasooriya","contactNumber":"7777777777777","email":"ushi324@gmail.com","userName":"AAAATTT","firstName":"Ushani","roleList":["ApplicationServiceRole"]} |
| **Sample Response** | true |
| **Response Status Code** | 200 OK |
| **Sample Response Content Type** | application/json |

## 

## 4.4 Delete User

By calling this method user can be deleted. Following property should be set to delete the user.

|  |  |
| --- | --- |
| **Operation** | user/delete |
| **HTTP Method** | DELETE |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [http://identity-dev.trimble.com/api/userIdentityService/1.0/user/delete?username=ushani](http://identity-dev.trimble.com/api/userIdentityService/1.0/user/delete-ushani) |
| **Response Status Code** | 200 OK |
| **Response Body** | - |
| **Response Content type** | - |

## 4.5 Add role

By calling this method will added the roles with their permissions and relevant users.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| roleName | Yes | name of role |
| userList | Yes | List of user that need to apply the permission |
| permissions | Yes | Permission List |
| sharedRole | Yes | This should be always false |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/addrole |
| **HTTP Method** | POST |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/addrole> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Request** [**Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Sample Payload** | { "roleName": "role2", "permissions": [ "/permission/admin/user/add", "/permission/admin/user/update", "/permission/admin/user/permission" ], "userList" : ["aushani"], "sharedRole" : "false" } |
| **Response Status Code** | 201 Created |
| **Response Body** | - |
| **Response Content type** | - |

## 4.6 Get roles

By calling this method will view all the user roles that relevant to logged user. Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/getroles |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/getroles> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response** | 0: "AccountProvisionAdmin"  1: "AccountProvisionSuperAdmin"  2: "ApplicationProvisionAdmin"  3: "SubscriptionProvisionAdmin"  4: "UserProvisionAdmin" |
| **Sample Response Content Type** | application/json |
| **Response Status Code** | 200 OK |

## 4.7 Update roles

By calling this method will updated permissions and userlist.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| roleName | Yes |  |
| permissions | Optional | Role permissions |
| userList | Optional | User list that relevant to user role |
| updatePermission | Optional | This value is required for update the permissions |
| updateUserList | Optional | This value is required for update the user list |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/updaterole |
| **HTTP Method** | PUT |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/updaterole> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Payload** | { "roleName": "role1", "permissions": [ "/permission/admin/user/add", "/permission/admin/user/update", "/permission/admin/user/permission" ], "userList" : ["ushani2", "ushani3"], "sharedRole" :false ,"updatePermission" :true,"updateUserList":true} |
| **Sample Response** | 200 OK |
| **Sample response Body** | - |
| **Sample Content Type** | - |

## 4.8 Delete role

By calling this method will deleted the role. Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/delete-{rolename} |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [http://identity-dev.trimble.com/api/userIdentityService/1.0/user/deleterole-role1](http://identity-dev.trimble.com/api/userIdentityService/1.0/user/delete-role1) |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Response status Code**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [200 OK](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |
| **Sample Response Body** | - |
| **Sample Content type** | - |

You can confirm whether the role is [deleted](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) by the getroles method.

## 4.9 Get roles of user

By calling this method ,can be retrieved user roles for a given username. Following property should be set properly for retiew the user roles.

|  |  |
| --- | --- |
| **Parameter Name** | **Description** |
| username | username of user |

Following is an illustration of the request and required information used and the response received. Response object contains the list of roles that relevant to the given username of user.

|  |  |
| --- | --- |
| **Operation** | user/getrolesofuser |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/getrolesofuser-ushani3> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response** | ["role1","role2","Internal/everyone"] |
| **Sample Response Content Type** | json/application |
| **Sample response Code** | 200 OK |

## 

## 4.10 Set user to role

By calling this method will set the users to a role.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| roleName | Yes |  |
| adduserList | Yes | user list that want to set to mention role |
| removeUserList | Yes | user list that want to remove from mention role |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/setuserstorole |
| **HTTP Method** | PUT |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [https://api-dev1.trimble.com/t/trimble.com/userIdentityService/1.0/user/setuserstorole](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Payload** | { "roleName": "AccountProvisionAdmin", "adduserList": [ "ushani6" ] , "removeUserList": [ "Saai123" ]} |
| **Response Status Code** | 200 OK |
| **Response Body** | true |
| **Response Content type** | application/octet-stream |

## 4.11 Set roles to user

By calling this method can be assigned existing roles to existing user .

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| username | Yes | existing username |
| roleList | Yes | existing roleList |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/setrolestouser |
| **HTTP Method** | POST |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/setrolestouser> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Payload** | { "username": "ushani2", "roleList": [ "AccountProvisionAdmin"]} |
| **Response** | true |
| **Response Status Code** | 200 OK |
| **Response Content type** | application/octet-stream |

## 4.12 Get user list

By calling this method will get the list of already existing user. Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/list |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/list> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Response** | ["ushani","ushani2","ushani3","ushani4"] |
| **Response Content type** | application/json |
| **Sample Response Code** | 200 OK |

## 4.13 Retrieve users for given text

By calling this method will checked that whether given user is existing or not for a given user name and return username if it exists. User can search for users who has the search text in their username as well. Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/search?username=ushani |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [http://identity-dev.trimble.com/api/userIdentityService/1.0/user/search?username=ushan\*](http://identity-dev.trimble.com/api/userIdentityService/1.0/user/search?username=usha*) |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Sample Response Body** | ["ushani"] |
| **Sample Response Code** | 200 OK |
| **Response Content type** | application/json |

## 4.14 Get permission

By calling this method will return the list of permission relevant to logged user. Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user/permission |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/api/userIdentityService/1.0/user/permission> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Response Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Response Body** | ["/permission/admin/user/add","/permission/admin/user/addrole","/permission/admin/user/delete","/permission/admin/user/deleterole","/permission/admin/user/getrole","/permission/admin/user/getrolesofuser","/permission/admin/user/list","/permission/admin/user/permission","/permission/admin/user/search","/permission/admin/user/setrolestouser","/permission/admin/user/setuserstorole","/permission/admin/user/update","/permission/admin/user/updaterole","/permission/admin/user/view","/permission/admin/account/activate","/permission/admin/account/add","/permission/admin/account/approve","/permission/admin/account/deactivate","/permission/admin/account/delete","/permission/admin/account/list","/permission/admin/account/liststatuschange","/permission/admin/account/modify","/permission/admin/account/search","/permission/admin/account/view"] |
| **Sample Response Code** | 200 OK |

**\*\*\*User is not allowed to remove Internal/everyone from a user.**

**4.15 Role Assigned Status [Related to ProjectHub API]**

By calling this method will return the status of given role assigned status of logged user.if role is assigned to given role name it will retune the true if not it will return false.

|  |  |
| --- | --- |
| **Parameter name** | **Description** |
| rolename | name of the role |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | [/user/isroleassigned](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |
| **HTTP Method** | GET |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [http://10.100.5.143:8282/userIdentityService/1.0/user/isroleassigned-ApplicationAPIAdmin](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Response Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** |  |
| **Sample Response Body** | true/false |
| **Sample Response Code** | 200 OK |

# **5. Signup API Functions**

## 5.1 Account Signup

By calling, this method will create an account in identity system using provided data for a particular application. (Eg., accountTag will define the app name). This will not need an access token. Following properties should be set properly for creating account.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| accId | Yes | account id , this should be 0 for account create |
| accountName | Yes | name of the account, it should follow domain name pattern ex: example.com |
| companyName | yes | Company name of the account |
| companyAddress |  |  |
| companyTelephone | yes |  |
| companyWeb | yes |  |
| type | Yes | Possible account types : CUSTOMER, DEALER, and BUSINESS\_UNIT |
| adminUsername | Yes | admin user name of the account |
| adminPassword | Yes |  |
| adminFirstName | Yes |  |
| adminLastName | Yes |  |
| emailAddress | Yes | email address of the account |
| isActive | yes | account status - true and false, this will enable and disable the tenant and users at once |
| approveStatus | yes | 0- to be approve [default], 1- Active, 2 -Deny |
| accountTag | yes | app name |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | /signup/account |
| **HTTP Method** | POST |
| **Sample Request** | <http://identity-dev.trimble.com/api/identitySignupService/1.0/signup/account> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| **Content Type** | application/json |
| **Payload** | {"id":0,"accId":0,"accountName":"john.com","companyName":"JKH","companyAddress":"Colombo","companyTelephone":"23233232323","companyWeb":"http://www.jkh.com","type":"CUSTOMER","adminUsername":"admin","adminPassword":"password","adminPasswordC":"password","adminFirstName":"john","adminLastName":"keels","emailAddress":"john@keels.com","isActive":true,"approveStatus":0,"accountTag":"Proliance","tagCreatedBy":"test"} |
| **Sample Response Code** | 200 OK |
| **Response Body** | - |
| **Response Content type** | - |

## 5.2 User Signup

By calling, this method will create an user in identity system using provided data. This is similar to the user registration using signup link. Following property should be set properly for creating account. This will not need an access token. These users will be created for a particular application

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| userName | Yes | name of user |
| password | yes | password |
| Re-Type Password | yes | re type the password |
| Email Address | yes | email address of the user |
| First Name | yes | First name of the user |
| Last Name | Yes | last name of the user |
| Contact Number | Yes | Contact number |

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user |
| **HTTP Method** | POST |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [https://api-dev1.trimble.com/t/trimble.com/identitySignupService/1.0/signup/user](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Request Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Payload** | {"lastName":"Balasooriya", "password" : "password", "repassword" : "password", "contactNumber":"8888888888","email":"ushi324@gmail.com","userName":"ushani44","firstName":"Ushani6","lastName" : "Balasooriya"} |
| **Response Status Code** | 200 OK |
| **Sample Response Body** | 7e64db20-6995-11e4-aa8c-0ae6e22a327f  (uuid) |

## 5.3 Forgot Password

By calling, this method a user will be able to get a confirmation code to the given mail address in terms of retrieving a new password.

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user |
| **HTTP Method** | POST |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/identitySignupService/1.0/signup/forgotPassword> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Request Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Payload** | {"username":"admin","tenant":"bill.com"} |
| **Response Status Code** | 200 OK |

## 5.4 Forgot Password/Verify

By calling, this method a user will be able to set the new password

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | user |
| **HTTP Method** | POST |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | <http://identity-dev.trimble.com/identitySignupService/1.0/signup/forgotPassword/verify> |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Request Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Payload** | {"username":"admin","tenant":"bill.com"} |
| **Response Status Code** | 200 OK |

### 5.5 Change Password

By calling, this method a user will be able to change the password

Following is an illustration of the request and required information used and the response received.

|  |  |
| --- | --- |
| **Operation** | [signup/changepassword](http://identity-dev.trimble.com/identitySignupService/1.0/signup/forgotPassword) |
| **HTTP Method** | POST |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [http://identity-dev.trimble.com/identitySignupService/1.0/signup/changepassword](http://identity-dev.trimble.com/identitySignupService/1.0/signup/forgotPassword) |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Request Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Payload** | {oldPassword : "oldpassword",newPassword: "newPassword", confirmPassword:"newPassword"} |
| **Response Status Code** | 200 OK |

# **6. Application Provisioning API**

## 6.1 Application adding

By calling, this method will register application using provided data. Following property should be set properly for register application.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| Application name | yes | Application name |
| Link URL | yes | URL of application |
| Type | yes | Free application or Paid Application |
| Tags | yes | At least one tag should be selected |
| status | yes | This is used as a flag for future reference to manage the active and inactive status of an application. by Default this will be active. |
| Resource | yes | Permissions relevant to application.At least one application should be added. |

Following is an illustration of the request and required information use to register application.

|  |  |
| --- | --- |
| **Operation** | application/add |
| **HTTP Method** | POST |
| **Sample Request** | <https://api-dev1.trimble.com/t/trimble.com/applicationIdentityService/1.0/application/add> |
| **Request Content Type** | application/json |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Payload** | {"appName":"samsungTest","appUrl":"http://samsungTest.com","isPaid":false,"status":1,"appTags":[{"id":1}],"newPermission":["samsungTestddd","samsungTestdelete"]} |
| **Response status code** | 201 created |
| **Response Body** | 489 (application id) |
| **Response Content type** | - |

## 

## 6.2 Application modification

By calling this method you can update application details in three ways.Application basic information modification, SAML2 Web SSO Configuration information modification and OAuth OpenID Configuration information modification.Basic information will not be updated with the SAML2 Web SSO Configuration information modification or OAuth OpenID Configuration. Following property should be set properly for update application.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| Application name | yes | This will not updated |
| Application Id | yes | Application id |
| Link URL | yes | URL of application |
| Type | yes | Free application or Paid Application |
| Tags | yes | At least one tag should be selected |
| New permission | yes | newly added Permission array |
| Old permission | yes | ids of old permission list |
| **SAML2 Web SSO Configuration** |  |  |
| Issuer | yes | Unique issuer name which is used for service provider Id |
| Assertion Consumer URL | yes | This is the URL to which the browser should be redirected after the authentication is successful. |
| NameID format | yes | The NAME-IDentifier used to identify the subject under communication with another party |
| Use fully qualified username in the NameID | no | To use fully qualified username in the NameID if that feature is required. |
| Enable Response Signing | no | To enable response signing to sign the SAML2 Responses returned after the authentication |
| Enable Assertion Signing | no | To enable assertion signing to sign the SAML2 Assertions returned after the authentication. |
| Enable Single Logout | no | To enable single logout so that all sessions are terminated once the user signs out from one server. |
| Custom Logout URL | no | To specify a customer logout URL |
| Enable Attribute Profile | no | To enable the attribute profile |
| Enable Audience Restriction | no | To enable audience restrictions |
| Audience | no | Audience members list |
| Enable Recipient Validation | no | To enable recipient validation |
| Recipient | no | Recipient list |
| Enable IdP Initiated SSO | no | To enable IDP initiated single sign on |
| **OAuth OpenID Configuration** |  |  |
| OAuth Version | yes | To select the OAuth version. |
| Callback Url | yes | To specify the exact location in the service provider's application where an access token would be sent. |
| Allowed Grant Types | yes | To specify the supported grant types |
| Consumer Key | readonly | This is the client key of the service provider, which will be checked for authentication by the Identity Server before providing the access token. |
| Consumer Secret | readonly | This is the client secret of the service provider, which will be checked for authentication by the Identity Server before providing the access token. |

**Special Note:**

**At the first time application update with SAML configuration, attributeConsumingServiceIndex should be blank and auto generated id assign to this property from the IS backend service at the issuer registered in the IS.**

**at the application update second time onward with SAML configuartion, this attributeConsumingServiceIndex should be required with exact id. Otherwise, issuer will try to re-register with the system and will throw**

**attributeConsumingServiceIndex will be automatically created at the first time update the application with SAML configuration.Then, it is mandatory property at the application update from second time onward with SAML SSO configuration. if not provided that property , it will throws an internal server error with “SAML Issuer already registered. Please use different issuer name”**

Following is an illustration of the request and required information use to register application.

|  |  |
| --- | --- |
| **Operation** | application/update |
| **HTTP Method** | POST |
| **Sample Request** | <https://api-dev1.trimble.com/t/trimble.com/applicationIdentityService/1.0/application/update> |
| **Request Content Type** | application/json |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Request (Basic information update)** | {"appId":537,"accId":291,"appName":"ouathtest","appUrl":"http://ouathtestone.com","isPaid":false,"status":1,"tags":[1],"appTags":[{"id":1}],"newPermission":["delete"],"resources":[{"resourceID":519,"isActive":false}],"oldPermission":[519,516],"saasApp":false} |
| **Sample Request (SAML2 SSO Provider)- First time update** | {"appId":537,"accId":291,"appName":"appupdate","isPaid":true,"status":0,"saasApp":false,"samlServiceProvider":{"issuer":"samlissure","assertionConsumerUrl":"http://10.100.5.143:9764/trimble-identity/identity/main/home","logoutURL":"http://10.100.5.143:9764/trimble-identity/identity/main/home",**"attributeConsumingServiceIndex":"",**"useFullyQualifiedUsername":true,"doSingleLogout":true,"doSignAssertions":true,"doSignResponse":true,"requestedAudiences":["","addaudience"],"requestedRecipients":["","addrecipient"],"enableAttributesByDefault":true,"nameIDFormat":"urn:oasis:names:tc:SAML:1.1:nameid-format:emailAddress","idPInitSSOEnabled":true}} |
| **Sample Request (SAML2 SSO Provider)- From the Second time onward** | {"appId":537,"accId":291,"appName":"ouathtest","isPaid":true,"status":1,"saasApp":false,"samlServiceProvider":{"issuer":"samlissure","assertionConsumerUrl":"http://10.100.5.143:9764/trimble-identity/identity/main/home","logoutURL":"http://10.100.5.143:9764/trimble-identity/identity/main/hom",**"attributeConsumingServiceIndex":"664184989"**,"useFullyQualifiedUsername":true,"doSingleLogout":true,"doSignAssertions":true,"doSignResponse":true,"requestedAudiences":["","addaudience"],"requestedRecipients":["","addrecipient"],"enableAttributesByDefault":true,"nameIDFormat":"urn:oasis:names:tc:SAML:1.1:nameid-format:emailAddress","idPInitSSOEnabled":true,"doEnableEncryptedAssertion":false,"doValidateSignatureInRequests":false}} |
| **Sample Response Body** | true or false |
| **Sample Payload (OAuth openId Provider)** | {"appId":537,"accId":291,"appName":"ouathtest","isPaid":false,"status":0,"saasApp":false,"oAuthConsumerApp":{"oauthConsumerKey":"","oauthConsumerSecret":"","applicationName":"appupdate","callbackUrl":"http://10.100.5.143:9764/trimble-identity/identity/main/home","oauthVersion":"OAuth-2.0","grantTypes":"authorization\_code client\_credentials"}} |
| **Sample Response (OAuth openId Provider)** | true/false |

## 

## 6.3 Application delete

By calling this method application will be deleted from database for a given application id.this can be done by only application created account .

|  |  |
| --- | --- |
| **Request Parameter** | **Description** |
| application id | id of application |

Following is an illustration of the request and required information use to delete application.

|  |  |
| --- | --- |
| **Operation** | application/delete |
| **HTTP Method** | DELETE |
| **Sample Reques**[**t**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) | [http://10.100.5.143:8282/application/1.0/application/delete-14](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |
| **Sample Request Header** | Authorization: Bearer ca1c658a3e7869d6384a9b638bebcd60 |
| [**Co**](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify)**ntent Type** | application/json |
| **Payload** | - |
| **Sample Response Body** | - |
| **Sample response Status Code** | 200 OK |
| **Content type** | - |

## 

## 6.4 List Application

By calling this method, it will list all the application details.

Following is an illustration of the request and required information used and the response received

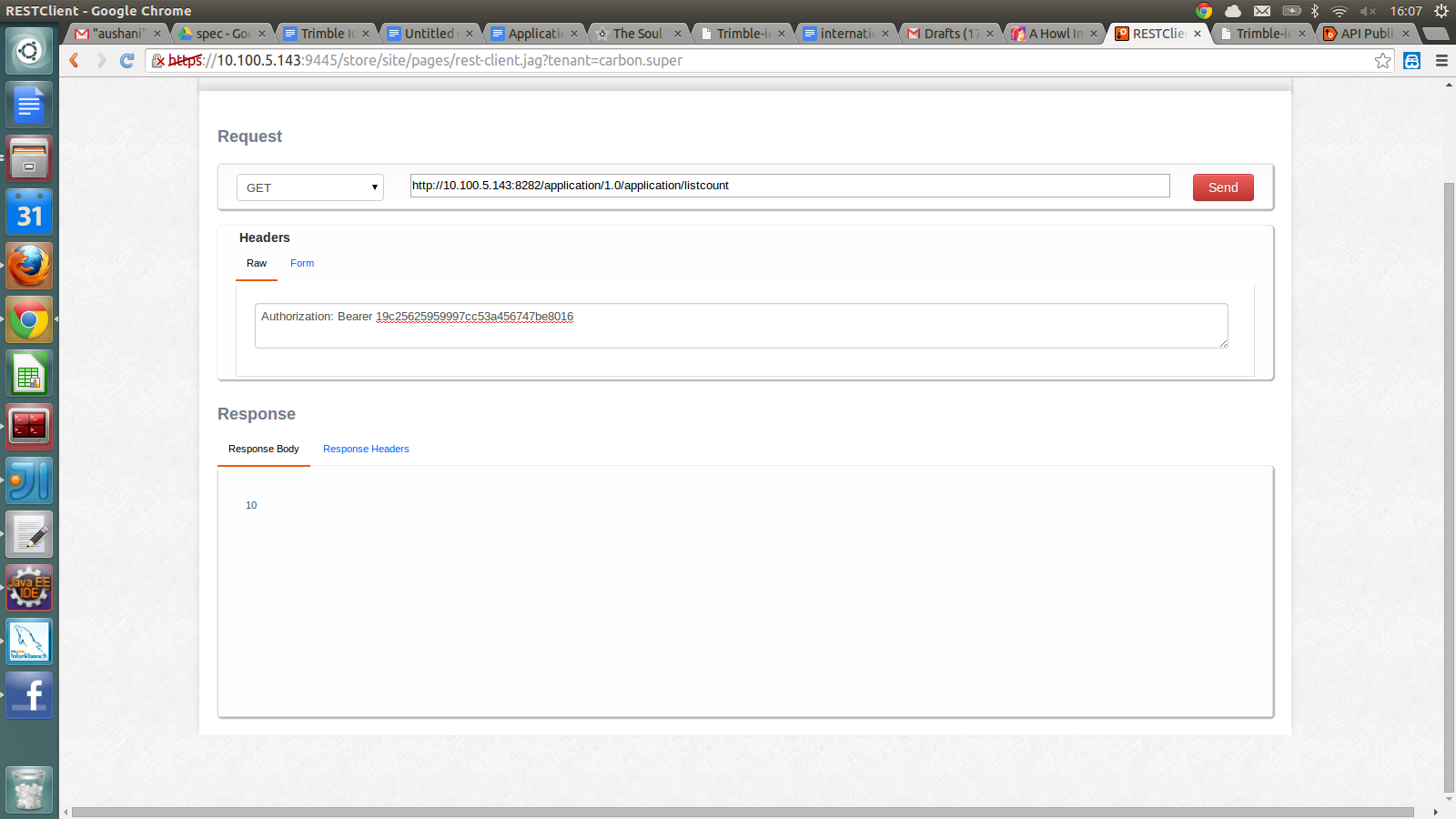
|  |  |
| --- | --- |
| **Operation** | /application/list |
| **HTTP Method** | GET |
| **Sample Request** | <https://api-dev1.trimble.com/t/trimble.com/applicationIdentityService/1.0/application/list> |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":6,"accId":1,"appName":"two","appUrl":"one@gmail.com","isPaid":true,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":7,"accId":1,"appName":"Three","appUrl":"Three@gmail.com","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":11,"accId":1,"appName":"TESTinter","appUrl":"TESTinter","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false}] |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.5 Application List Count

By calling this method it will return the count of applications.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/listcount |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/listcount |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | 10 |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |



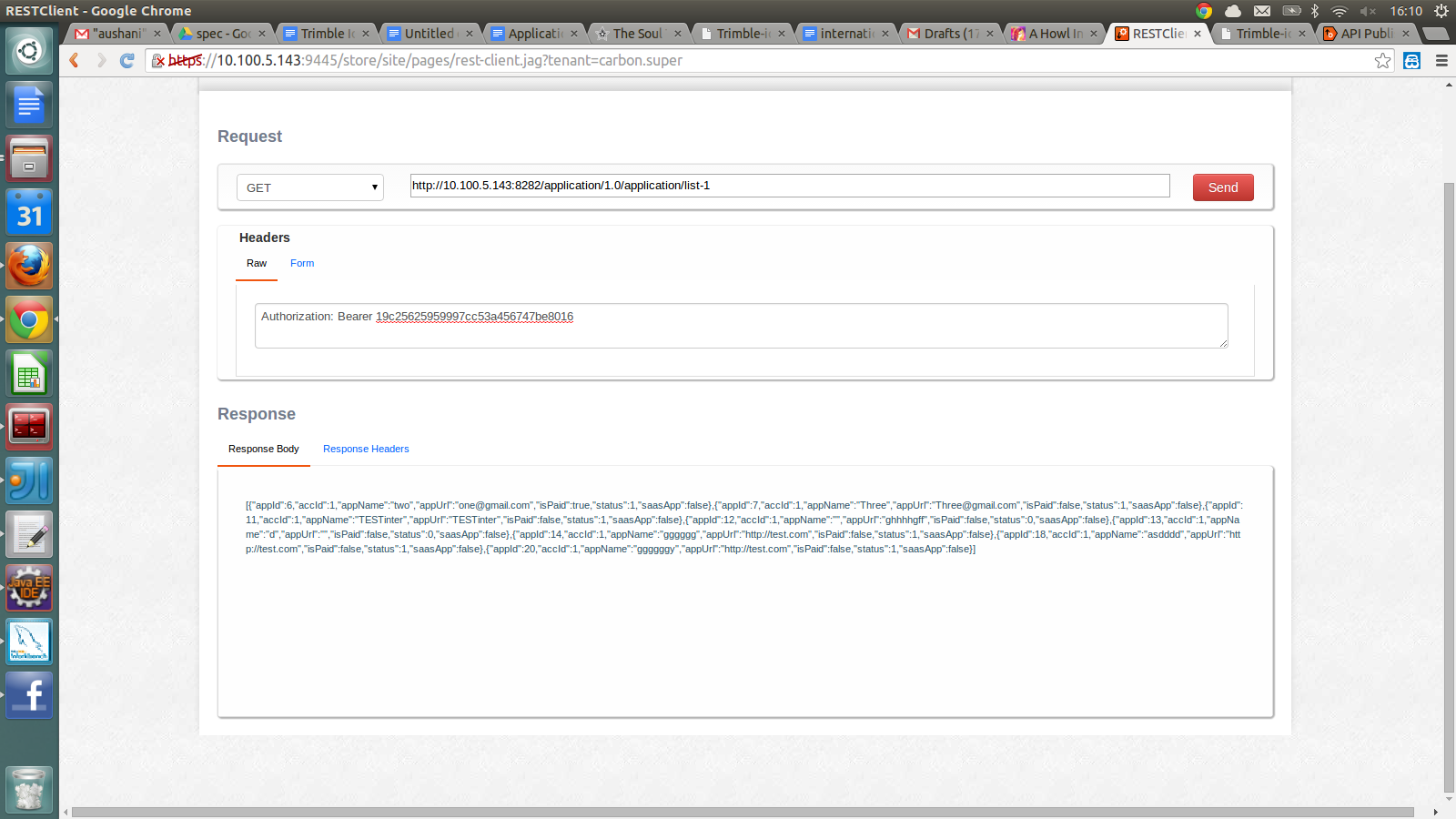
## 6.6 List Application - By accountId

By calling this method,It will list the application for a given account id.

|  |  |
| --- | --- |
| **Request Parameter** | **Description** |
| account id | id of account |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/list-1 |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/list-1 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":6,"accId":1,"appName":"two","appUrl":"one@gmail.com","isPaid":true,"status":1,"saasApp":false},{"appId":7,"accId":1,"appName":"Three","appUrl":"Three@gmail.com","isPaid":false,"status":1,"saasApp":false},{"appId":11,"accId":1,"appName":"TESTinter","appUrl":"TESTinter","isPaid":false,"status":1,"saasApp":false},{"appId":12,"accId":1,"appName":"","appUrl":"ghhhhgff","isPaid":false,"status":0,"saasApp":false},{"appId":13,"accId":1,"appName":"d","appUrl":"","isPaid":false,"status":0,"saasApp":false},{"appId":14,"accId":1,"appName":"gggggg","appUrl":"http://test.com","isPaid":false,"status":1,"saasApp":false},{"appId":18,"accId":1,"appName":"asdddd","appUrl":"http://test.com","isPaid":false,"status":1,"saasApp":false},{"appId":20,"accId":1,"appName":"ggggggy","appUrl":"http://test.com","isPaid":false,"status":1,"saasApp":false}] |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |



## 6.7 Free Application List

By calling this method,It will list the Free application.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/list/free |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/list/free |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":7,"accId":1,"appName":"Three","appUrl":"Three@gmail.com","isPaid":false,"status":1,"saasApp":false},{"appId":9,"accId":2,"appName":"five","appUrl":"d@gmail.com","isPaid":false,"status":1,"saasApp":false},{"appId":11,"accId":1,"appName":"TESTinter","appUrl":"TESTinter","isPaid":false,"status":1,"saasApp":false},{"appId":12,"accId":1,"appName":"","appUrl":"ghhhhgff","isPaid":false,"status":0,"saasApp":false},{"appId":13,"accId":1,"appName":"d","appUrl":"","isPaid":false,"status":0,"saasApp":false},{"appId":14,"accId":1,"appName":"gggggg","appUrl":"http://test.com","isPaid":false,"status":1,"saasApp":false},{"appId":18,"accId":1,"appName":"asdddd","appUrl":"http://test.com","isPaid":false,"status":1,"saasApp":false},{"appId":20,"accId":1,"appName":"ggggggy","appUrl":"http://test.com","isPaid":false,"status":1,"saasApp":false}] |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.8 Paid Application List

By calling this method,It will list the paid application .

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/list/paid |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/list/paid |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":6,"accId":1,"appName":"two","appUrl":"one@gmail.com","isPaid":true,"status":1,"saasApp":false},{"appId":8,"accId":2,"appName":"four","appUrl":"f@gmi.com","isPaid":true,"status":1,"saasApp":false}] |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.9 Free Application - List by account id

By calling this method,It will list the free application for a given account id.

|  |  |
| --- | --- |
| **Request Parameter** | **Description** |
| account id | Id of [account.](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/account/freeapp-1 |
| **HTTP Method** | GET |
| **Sample Request** | <https://api-dev1.trimble.com/t/trimble.com/applicationIdentityService/1.0/application/account/freeapp-1> |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":7,"accId":1,"appName":"Three","appUrl":"Three@gmail.com","isPaid":false,"status":1,"saasApp":false},{"appId":11,"accId":1,"appName":"TESTinter","appUrl":"TESTinter","isPaid":false,"status":1,"saasApp":false},{"appId":12,"accId":1,"appName":"","appUrl":"ghhhhgff","isPaid":false,"status":0,"saasApp":false},{"appId":13,"accId":1,"appName":"d","appUrl":"","isPaid":false,"status":0,"saasApp":false},{"appId":14,"accId":1,"appName":"gggggg","appUrl":"http://test.com","isPaid":false,"status":1,"saasApp":false},{"appId":18,"accId":1,"appName":"asdddd","appUrl":"http://test.com","isPaid":false,"status":1,"saasApp":false},{"appId":20,"accId":1,"appName":"ggggggy","appUrl":"http://test.com","isPaid":false,"status":1,"saasApp":false}] |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.10 Paid Application - List by account id

By calling this method, It will list the paid application for a given account id.

|  |  |
| --- | --- |
| **Request Parameter** | **Description** |
| account id | Id of [account.](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/account/paidapp-1 |
| **HTTP Method** | GET |
| **Sample Request** | https://api-dev1.trimble.com/t/trimble.com/applicationIdentityService/1.0/application/account/paidapp-1 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":6,"accId":1,"appName":"two","appUrl":"one@gmail.com","isPaid":true,"status":1,"saasApp":false}] |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.11 Free Application count

By calling this method, It will return the count of free application.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/list/freecount |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/list/freecount |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | 8 |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.12 Paid Application count

By calling this method, It will return the paid application count.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/list/paidcount |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/list/paidcount |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | 2 |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.13 Application count - By account id

By calling this method, It will return the count of application for a given account id.

|  |  |
| --- | --- |
| **Request Parameter** | **Description** |
| account id | Id of [account.](http://identity-dev.trimble.com/api/accountIdnetityService/1.0/account/modify) |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/list/count-1 |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/list/count-1 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | 2 |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.14 Application list -By start index and page size

Application list returns chunk by chunk hence starting index and page size has to given by the user.It will return the chunk of application list that match to starting index and page size given by user.

|  |  |
| --- | --- |
| **Request Parameter** | **Description** |
| start index | Is starting point of list retrieved from the database |
| page size | Size of the chunk that will need to retrieve |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/list-1-10 |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/list-1-10 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":7,"accId":1,"appName":"Three","appUrl":"Three@gmail.com","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":11,"accId":1,"appName":"TESTinter","appUrl":"TESTinter","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false}] |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.15 Application view - By application id

This will return the basic application details (such as appId, appId,accId,appName appUrl,type,status,permissions count) according to given application id.any user who has ApplicationProvisioning API permissions or SubscriptionProvisioning permissions can perform this service method.

|  |  |
| --- | --- |
| **Operation** | Description |
| application id | id of the application |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/viewbyid-7 |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/viewbyid-7 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | {  appId: 385  accId: 926  appName: "abcapp1"  appUrl: "http://absap21.com"  isPaid: false  status: 1  resources: [2]  } |
| **Response Header Content type** | application/json |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.16 Application view - By application name and account id

This will return the application details according to given application name and account id.

|  |  |
| --- | --- |
| **Operation** | Description |
| account id | id of the account |
| application name | name of application |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/viewbyname-testapplication-1 |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/viewbyname-testapplication-1 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | {"appId":22,"accId":1,"appName":"testapplication","appUrl":"http://test.com","isPaid":false,"status":1,"tags":["1"],"resources":[{"resourceID":10,"resourceName":"testresource","isActive":false}],"saasApp":false} |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.17 Application view - By application name for logged account

This method will return application details with the inbound authentication details for given application name.Method can be performed by only application created user.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/account/viewbyname |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/account/viewbyname-testapplication |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | {  appId: 440  accId: 291  appName: "afterdiwaliapp"  appUrl: "http://afterdiwaliapp.com"  isPaid: false  status: 1  saasApp: false  oAuthConsumerApp: {  oauthConsumerKey: "kvGcSmxlxZZ4\_rd8ECXi4erBzdEa"  oauthConsumerSecret: "b5PXpy8Aex52bK6FiIifvz5mPoIa"  applicationName: "afterdiwaliapp"  callbackUrl: "http://playground.com"  oauthVersion: "OAuth-2.0"  grantTypes: "authorization\_code implicit password client\_credentials refresh\_token urn:ietf:params:oauth:grant-type:saml2-bearer iwa:ntlm"  }-  } |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK (if success)key |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.18 Free Application - List by account ids

This will return the application details according to given account ids under query parameters.

|  |  |
| --- | --- |
| **Query Parameter** | **Description** |
| accids | list of application ids |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/account/freeapps?accids=1,2 |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/account/freeapps?accids=1,2 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [3]  0: {  appId: 57  accId: 1  appName: "ApplicationFive"  appUrl: "http://appfivee.com"  isPaid: false  status: 1  }-  1: {  appId: 56  accId: 1  appName: "ApplicationFour"  appUrl: "http://appfour.com"  isPaid: false  status: 1  }-  2: {  appId: 53  accId: 1  appName: "ApplicationOne"  appUrl: "http://applone.com"  isPaid: false  status: 1  } |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.19 Paid Application - List by account ids

This will return the application details according to given account ids under query parameter.

|  |  |
| --- | --- |
| **Query Parameter** | **Description** |
| accids | list of application ids |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/account/paidapps?accids=1,2 |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/account/paidapps?accids=1,2 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [3]  0: {  appId: 61  accId: 1  appName: "AppTen"  appUrl: "http://appten.com"  isPaid: true  status: 1  }-  1: {  appId: 8  accId: 2  appName: "four"  appUrl: "f@gmi.com"  isPaid: true  status: 1  }-  2: {  appId: 62  accId: 1  appName: "Testsamsung"  appUrl: "http://Testsamsung.com"  isPaid: true  status: 1  } |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.20 Application - List by account ids

This will return the list of applications details according to given account ids under query parameter.

|  |  |
| --- | --- |
| **Query Parameter** | **Description** |
| accountids | list of application ids |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/list/apps?accountids=1,2 |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/list/apps?accountids=1,2 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | appId: 51  accId: 1  appName: "SubscriptionOne"  appUrl: "http://subscriptionOne.com"  isPaid: false  status: 1  account: {  id: 0  accId: 0  accountName: "carbon.super"  companyName: "wso2"  companyTelephone: ""  companyWeb: ""  type: ""  adminUsername: ""  adminPassword: ""  adminPasswordC: ""  adminFirstName: ""  adminLastName: ""  emailAddress: ""  uuid: 0  isActive: true  approveStatus: 0  tagCreatedBy: ""  }-  }-  1: {  appId: 52  accId: 1  appName: "SubscriptionVOne"  appUrl: "http://subscriptionOne.com"  isPaid: false  status: 1  account: {  id: 0  accId: 0  accountName: "carbon.super"  companyName: "wso2"  companyTelephone: ""  companyWeb: ""  type: ""  adminUsername: ""  adminPassword: ""  adminPasswordC: ""  adminFirstName: ""  adminLastName: ""  emailAddress: ""  uuid: 0  isActive: true  approveStatus: 0  tagCreatedBy: ""  }-  } |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.21 Application List -By tag

This will return the list of applications details according to given tag name.

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| tag name | name of tag |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/appsfortag |
| **HTTP Method** | GET |
| **Sample Request** | <https://api-dev1.trimble.com/t/trimble.com/applicationIdentityService/1.0/application/appsfortag-marketing> |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [2]  0: {  appId: 75  accId: 1  appName: "aushapp"  appUrl: "http://aushapp.com"  isPaid: false  status: 1  }-  1: {  appId: 77  accId: 1  appName: "harshapp"  appUrl: "http://harshapp.com"  isPaid: false  status: 1  } |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.22 Application List -By tags

This will return the list of applications details according to given tag names.

|  |  |
| --- | --- |
| **Query Parameter** | **Description** |
| tagnames | name of tags |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/appsfortags |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/application/1.0/application/appsfortags?tagnames=TESTONE,TEST |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":11,"accId":1,"appName":"TESTinter","appUrl":"TESTinter","isPaid":false,"status":1},{"appId":38,"accId":1,"appName":"samsungTest","appUrl":"http://samsung.com","isPaid":true,"status":1},{"appId":39,"accId":1,"appName":"samsungTestt","appUrl":"http://samsungt.com","isPaid":true,"status":1}] |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 6.23 Application Search

This will return the list of applications details by searching according to given text under query parameter.This will return all application details and if user want limit the list it can be done by giving start index and page size as a query parameter

|  |  |
| --- | --- |
| **Query Parameter** | **Description** |
| text | searching text |
| start index (**optional**) | Is starting point of list retrieved from the database |
| pagesize (**optional**) | Size of the chunk that will need to retrieve |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | application/[application/search](http://localhost:9763/trimble-identity-service/services/application/application/search?text=c*) |
| **HTTP Method** | GET |
| **Sample Request** | <https://api-dev1.trimble.com/t/trimble.com/applicationIdentityService/1.0/application/search?text=samsung> |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":27,"accId":1,"appName":"[samsung](http://localhost:9763/trimble-identity-service/services/application/application/search?startindex=0&pagesize=10&text=c*)q","appUrl":"wqw","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":28,"accId":1,"appName":"[samsung](http://localhost:9763/trimble-identity-service/services/application/application/search?startindex=0&pagesize=10&text=c*)5","appUrl":"5656","isPaid":false,"status":0,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":29,"accId":1,"appName":"[samsung](http://localhost:9763/trimble-identity-service/services/application/application/search?startindex=0&pagesize=10&text=c*)n","appUrl":"test","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":30,"accId":1,"appName":"test22","appUrl":"test22","isPaid":false,"status":0,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":31,"accId":1,"appName":"[samsung](http://localhost:9763/trimble-identity-service/services/application/application/search?startindex=0&pagesize=10&text=c*)ttt","appUrl":"4444","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false} |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 

|  |  |
| --- | --- |
| **Operation** | application/[application/search](http://localhost:9763/trimble-identity-service/services/application/application/search?text=c*) |
| **HTTP Method** | GET |
| **Sample Request** | <https://api-dev1.trimble.com/t/trimble.com/applicationIdentityService/1.0/application/search?startindex=0&pagesize=10&text=samsung> |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":27,"accId":1,"appName":"[samsung](http://localhost:9763/trimble-identity-service/services/application/application/search?startindex=0&pagesize=10&text=c*)q","appUrl":"wqw","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":28,"accId":1,"appName":"[samsung](http://localhost:9763/trimble-identity-service/services/application/application/search?startindex=0&pagesize=10&text=c*)5","appUrl":"5656","isPaid":false,"status":0,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":29,"accId":1,"appName":"[samsung](http://localhost:9763/trimble-identity-service/services/application/application/search?startindex=0&pagesize=10&text=c*)n","appUrl":"test","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":30,"accId":1,"appName":"test22","appUrl":"test22","isPaid":false,"status":0,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":31,"accId":1,"appName":"[samsung](http://localhost:9763/trimble-identity-service/services/application/application/search?startindex=0&pagesize=10&text=c*)ttt","appUrl":"4444","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false}] |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

# 

# **7. Subscription Provisioning API**

## 7.1 Non Subscribe Free Application

This will return the list of non subscribe free applications.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/nonsubscribe/freeapplications |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/nonsubscribe/freeapplications |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":46,"accId":1,"appName":"SubscriptionOne","appUrl":"http://subscription.com","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":9,"accId":2,"appName":"subscriptionTwo","appUrl":"two@gmail.com","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"test.com","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false}] |
| **Response Type** | json/application |
| **Sample Status Code** | 200 OK |

## 

## 7.2 Account Subscription

### 7.2.1 Adding Subscription

By calling, this method will subscribe the application to account. Following property should be set properly for register application.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| customerDomain | yes | Account Number |
| appID | yes | Application Id |
| dealerID | yes | Account id of the dealer |
| dealerUserName | yes | Username of dealer |
| canShareWithingTenant | yes | Application can be shared within account |
| canShareAcrossTenant | yes | Application can be shared across account |
| canShareOutside | yes | Application can be shared outside the account |
| type | yes | Application Type.Trail or Full subscription |
| resources | yes | Permissions ids for subscription application.this can be chosen from application permission ids |
| selectedIdps | yes | name of the |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/account/add |
| **HTTP Method** | POST |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/account/add |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Content Type** | json/application |
| **Payload** | {"customerDomain":91,"appID":110,"dealerID":91,"dealerUserName":"admin@subscriptiontest.com","type":"FULL","canShareWithingTenant":true,"canShareAcrossTenant":true,"canShareOutside":true,"resources":[97],"selectedIdps":"gmail"} |
| **Sample Response** | 45 (subscription id) |
| **Sample Response Status** | 201 OK (if adding is successful) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 

### 7.2.2 Subscription modification

By calling, this method will updated the already subscribed account application. Following property should be set properly for register application.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| subscriptionID | yes | subscription id |
| customerDomain | yes | Account Number |
| appID | yes | Application Id |
| dealerID | yes | Account id of the dealer |
| dealerUserName | yes | Username of dealer |
| canShareWithingTenant | yes | Application can be shared within account |
| canShareAcrossTenant | yes | Application can be shared across account |
| canShareOutside | yes | Application can be shared outside the account |
| type | yes | Application Type.Trail or Full subscription |
| resources | yes | Permissions ids for subscription application.this can be chosen from application permission ids |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/account/edit |
| **HTTP Method** | PUT |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/account/edit |
| **Sample Payload** | {"subscriptionID":2,"customerDomain":1,"appID":51,"dealerID":2,"dealerUserName":"admin","type":"FULL","canShareWithingTenant":true,"canShareAcrossTenant":false,"canShareOutside":true,"resources":[25,26,27]} |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Payload Content Type** | json/application |
| **Sample Response** | true |
| **Response Content Type** | application/octet-stream |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 

### 7.2.3 Subscription for given Application id

By calling this method , it will returns all subscription details for given application id

|  |  |
| --- | --- |
| **Query Parameter** | **Description** |
| appid | application id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/subscribe/accountslist |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/subscribe/accountslist-52 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"appId":46,"accId":1,"appName":"SubscriptionOne","appUrl":"http://subscription.com","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},{"appId":9,"accId":2,"appName":"five","appUrl":"d@gmail.com","isPaid":false,"status":1,"account":{"id":0,"accId":0,"accountName":"test.com","companyName":"wso2","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false}] |
| **Response Type** | json/application |
| **Sample Status Code** | 200 OK (If success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

### 7.2.4 Subscribed List For logged user account

By calling this method , it will returns all subscribed accounts details for logged user account.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/subscribe/subscriptionlist |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/subscribe/subscriptionlist |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"subscriptionID":1,"customerDomain":1,"appID":52,"dealerID":2,"dealerUserName":"admin","type":"FULL","canShareWithingTenant":true,"canShareAcrossTenant":true,"canShareOutside":false,"application":{"appId":0,"accId":0,"appName":"SubscriptionVOne","appUrl":"http://subscriptionOne.com","isPaid":false,"status":0,"account":{"id":0,"accId":0,"accountName":"carbon.super","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"tagCreatedBy":""},"saasApp":false},"resources":[]}] |
| **Response Content Type** | json/application |
| **Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 

### 7.2.5 Resources for given subscription id

By calling this method , it will returns subscribed accounts details for given subscription id

|  |  |
| --- | --- |
| **Query Parameter** | **Description** |
| subid | subscription id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/account/subscription |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/account/subscription-2 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | {"subscriptionID":2,"customerDomain":1,"appID":51,"dealerID":1,"dealerUserName":"admin","type":"TRIAL","canShareWithingTenant":true,"canShareAcrossTenant":true,"canShareOutside":false,"application":{"appId":51,"accId":1,"appName":"SubscriptionOne","appUrl":"http://subscriptionOne.com","isPaid":false,"status":1,"resources":[{"resourceID":1,"resourceName":"add","isActive":false},{"resourceID":2,"resourceName":"edit","isActive":false}],"saasApp":false},"resources":[1]} |
| **Response Type** | json/application |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |
| **Sample Response Status Code** | 200 OK (if success) |

## 

### 7.2.6 All accounts

By calling this method , it will returns all accounts id and account domains for the subscription purpose.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/allaccounts |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/allaccounts |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"id":0,"accId":1,"accountName":"carbon.super","companyName":"","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"accountTag":"","tagCreatedBy":""},{"id":0,"accId":2,"accountName":"test.com","companyName":"","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"accountTag":"","tagCreatedBy":""},{"id":0,"accId":4,"accountName":"testkamal.com","companyName":"","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"accountTag":"","tagCreatedBy":""},{"id":0,"accId":5,"accountName":"virtusa.com","companyName":"","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"accountTag":"","tagCreatedBy":""},{"id":0,"accId":6,"accountName":"ifs.com","companyName":"","companyAddress":"","companyTelephone":"","companyWeb":"","type":"","adminUsername":"","adminPassword":"","adminPasswordC":"","adminFirstName":"","adminLastName":"","adminMobile":"","emailAddress":"","uuid":0,"isActive":true,"approveStatus":0,"accountTag":"","tagCreatedBy":""}] |
| **Response Type** | application/octet-stream |
| **Sample Response Status Code** | 200 OK (if success) |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

## 

### 7.2.7 Resources -By customer id and application id

By calling this method , it will returns the list of resources (list of permission) for a given customer id and application id

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| customer id | customer account id |
| application id | application id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/subscribe/resources-1-52 |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/subscribe/resources-1-52 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [{"PERMISSION\_ID":3,"PERMISSION\_NAME":"add"}] |
| **Sample Response Status Code** | 200 OK (if success) |
| **Response Type** | json/application |
| **Sample Response Header (if not success)** | **ERROR\_MSG:** error message. |

### 7.2.8 Remove Account Subscription

By calling this method , it will remove the account subscription.It will be needed to give following parameters.

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| customeraccountid | customer account id |
| appid | application id |
| dealerid | dealer account id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/account/remove-<customeraccountid>-<appid>-<dealerid> |
| **HTTP Method** | DELETE |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Request** | https://10.100.5.143:8245/subscriptionService/1.0/subscription/account/remove-1-51-2 |
| **Sample Response** | true |
| **Sample Response Status Code** | 200 OK (if success) |
| **Response Type** | json/application |

### 7.2.9 Account Subscription Status

By calling this method , it will return the account subscribe status.It will be needed to give following parameters.

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| customeraccountid | customer account id |
| appid | application id |
| dealerid | dealer account id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/account/subscribestatus |
| **HTTP Method** | GET |
| **Sample Request** | https://10.100.5.143:8245/subscriptionService/1.0/subscription/account/subscribestatus-1-52-2 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | true/false |
| **Response Type** | application/octet-stream |
| **Sample Response Status Code** | 200 OK (if success) |

### 7.2.10 Add Subscription resources

By calling this method , it will be added the new resources (additional) for subscribe application.It will be needed to give following parameters. customerDomain can be any account type (CUSTOMER,DEALER, BUSINESS\_UNIT)

|  |  |
| --- | --- |
| **Property** | **Description** |
| appID | application id |
| customerDomain | customer account id |
| resources | resources ids of application (application permission id) |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/subscribe/resources/add |
| **HTTP Method** | POST |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/subscribe/resources/add |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Payload** | {"appID":53,"customerDomain":1,"resources":[5,6]} |
| **Sam4.11**  **ple Response** | true |
| **Sample Response Status Code** | 201 Created (if success) |
| **Sample Response type** | application/octet-stream |

### 7.2.11 Subscribed Trial Application names -By account id

By calling this method , it will be returned trial subscribed application names for given account id

|  |  |
| --- | --- |
| **Property** | **Description** |
| customeraccountid | customer account id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/subscribe/trialapps |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/subscribe/trialapps-1 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [3]  0: {  APP\_NAME: "anushatresting"  }-  1: {  APP\_NAME: "application003"  }-  2: {  APP\_NAME: "application004"  } |
| **Response Content Type** | application/json |
| **Sample Response Status Code** | 200 OK (if success) |

### 7.2.12 Trial subscription Upgrade to full subscription

By calling this method , It will be upgraded the trail subscription into full subscription.It will be needed to give following query parameters.

|  |  |
| --- | --- |
| **Query Parameter** | **Description** |
| appID | application id |
| customerDomain | customer account id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | /subscription/subscribe/upgradetofull |
| **HTTP Method** | POST |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/subscribe/upgradetofull |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Request Content type** | application/json |
| **Sample Payload** | {"customerDomain":1,"appID":51} |
| **Sample Response** | true |
| **Sample Response Status Code** | 200 OK (if success) |
| **Response Type** | application/octet-stream |

### 7.2.13 Add Trial Subscription Details

By calling, this method, will add the trial subscription details. Following property should be set properly for register application.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| customerDomain | yes | Account Number |
| appID | yes | Application Id |
| dealerID | yes | Account id of the dealer |
| dealerUserName | yes | Username of dealer |
| canShareWithingTenant | yes | Application can be shared within account |
| canShareAcrossTenant | yes | Application can be shared across account |
| canShareOutside | yes | Application can be shared outside the account |
| resources | yes | Permissions ids for subscription application. |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/subscribe/trial/add |
| **HTTP Method** | POST |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/subscribe/trial/add |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Payload Content Type** | json/application |
| **Sample Payload** | {"customerDomain":1,"appID":55,"dealerID":2,"dealerUserName":"admin","canShareWithingTenant":true,"canShareAcrossTenant":true,"canShareOutside":false,"resources":[10]} |
| **Sample Response Status Code** | 201 Created |
| **Response Type** | application/octet-stream |
| **Sample Response** | subscription ID |

## 

### 7.2.14 Subscribed Applications -By account id

By calling this method , it will be returned trial subscribed application names for given account id

|  |  |
| --- | --- |
| **Property** | **Description** |
| customeraccountid | customer account id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/subscribe/applications |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/subscribe/applications-1 |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [5]  0: "ApplicationOne"  1: "ApplicationTwo"  2: "ApplitnThree"  3: "SubscriptionOne"  4: "SubscriptionVOne" |
| **Sample Response Status Code** | 200 OK (if success) |
| **Response Type** | application/json |

### 7.2.15 User Subscribe Status -By account id

By calling this method , it will be returned the user subscription status.

|  |  |
| --- | --- |
| **Property** | **Description** |
| username | username of user |
| applicationdomain | application domain |
| appid | application id |
| userdomain | user damain |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | [subscription/user/subcribestatus-](http://localhost:8282/subscriptionService/1.0/subscription/user/subcribestatus-individual-individual.com-1-individual.com) |
| **HTTP Method** | GET |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Request** | <http://localhost:8282/subscriptionService/1.0/subscription/user/subcribestatus-individual-individual.com-1-individual.com> |
| **Sample Response** | true |
| **Sample Status code** | 200 OK |
| **Response Content Type** | application/octet-stream |

### 7.2.16 Unsubscribe Account Subscription

By calling this method , it will unsubscribe the account for a given subscription id..It will be needed to give following parameter.

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| subid | subscription id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | /subscription/account/unsubscribe-{subid} |
| **HTTP Method** | DELETE |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Request** | https://10.100.5.143:8245/subscriptionService/1.0/subscription/account/unsubscribe-{subid} |
| **Sample Status** | 200 OK |
| **Response Type** | json/application |

## 7.3 User Subscription

### 7.3.1 User adding

By calling, this method will subscribe the application to user. Following property should be set properly for subscribe the application.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| userId | yes | Account Number |
| applicationID | yes | Application Id |
| applicationName | yes | Application name |
| resource | yes | application permission that want to add in subscription.it’s a array and content with resource id and resource name |
| resourceName | yes | permission name of subscription |
| resourceId | yes | resource id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/user/add |
| **HTTP Method** | POST |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/user/add |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Payload** | {"applicationID":61,"applicationName":"ApplicationSeven","resource":[{"resourceID":22,"resourceName":"add"}],resourceName":["add"],"resourceId":[22],"type":"TRIAL"} |
| **Payload Type** | json/application |
| **Sample Response** | true |
| **Sample Response Status Code** | 201 Created |
| **Content type** | application/octet-stream |

## 

### 7.3.2 User update

By calling, this method will update the subscribed application to user. Following property should be set properly for subscribe the application.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Is Required** | **Description** |
| userId | yes | Account Number |
| applicationID | yes | Application Id |
| applicationName | yes | Application name |
| resource | yes | Application permission that want to newly added to subscription.it’s a array and content with resource id and resource name |
| resourceName | yes | New permission name of subscription |
| resourceId | yes | resource id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/user/update |
| **HTTP Method** | PUT |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/user/update |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Payload** | {"applicationID":60,"applicationName":"ApplicationSeven","resource":[{"resourceID":21,"resourceName":"edit"},{"resourceID":20,"resourceName":"add"}],resourceName":["add","edit"],"resourceId":[20,21],"type":"TRIAL"} |
| **Payload Type** | json/application |
| **Sample Response** | true |
| **Content type** | application/octet-stream |

### 7.3.3 User Subscribed Application List

By calling this method , it will returns the list of user subscribed application.

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/user/applications |
| **HTTP Method** | GET |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/user/applications |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Response** | [2]  0: {  subscriptionID: "5436276744aeb0fc372804f8"  userID: 0  userName: "individual"  userDomain: "individual.com"  accountDomain: "carbon.super"  applicationID: 54  applicationName: "ApplicationTwo"  applicationDomain: "carbon.super"  resource: [1]  0: {  resourceID: 7  resourceName: "add"  isActive: false  }-  -  }-  1: {  subscriptionID: "5436283b44aeb0fc372804f9"  userID: 0  userName: "individual"  userDomain: "individual.com"  accountDomain: "carbon.super"  applicationID: 55  applicationName: "ApplicationThree"  applicationDomain: "carbon.super"  resource: [1]  0: {  resourceID: 10  resourceName: "add"  isActive: false  }-  -  }- |
| **Response Type** | json/application |
| **Sample Response Type** | 200 OK |

## 

### 7.3.4 User Subscribed Application - By application id

By calling this method , it will returns the list of Accounts for a given application id

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| application id | application id |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | subscription/user/subscriptions-<appid> |
| **HTTP Method** | GET |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Request** | http://10.100.5.143:8282/subscriptionService/1.0/subscription/user/subscriptions-55 |
| **Sample Response** | {  subscriptionID: "5436283b44aeb0fc372804f9"  userID: 0  userName: "individual"  userDomain: "individual.com"  accountDomain: "carbon.super"  applicationID: 55  applicationName: "ApplicationThree"  applicationDomain: "carbon.super"  resource: [1]  0: {  resourceID: 10  resourceName: "add"  isActive: false  } |
| **Response Type** | json/application |
| **Sample Response Status Code** | 200 OK |

## 

### 7.3.5 Remove User Subscription

By calling this method , it will remove the user subscription.it will be needed to give the application id,user name, user domain.

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| application id | application id that need to remove subscription |
| username | username |
| userdomain | user domain. e.g., individual.com |

Following is an illustration of the request and required information used and the response received

|  |  |
| --- | --- |
| **Operation** | [subscription/user/remove](http://10.100.5.144:8282/subscriptionService/1.0/subscription/user/remove-4-individual-individual.com) |
| **HTTP Method** | DELETE |
| **Sample Request Headers** | Authorization: Bearer 16e32670949dbfcefb4b6bd9e88ffaa1 |
| **Sample Request** | <http://10.100.5.144:8282/subscriptionService/1.0/subscription/user/remove-4-individual-individual.com> |
| **Sample Response** | true |
| **Response Type** | json/application |
| **Response Status Code** | 200 OK |

## 

### 

### 8 .Error Code Description

|  |  |
| --- | --- |
| **Error Code** | **Description** |
| 200 OK | The request has succeeded |
| 201 Created | The request has been fulfilled and resulted in a new resource being created |
| 400 Bad Request | The request could not be understood by the server due to malformed syntax |
| 401 Unauthorized | Authorization has been refused for those credentials |
| 403 Forbidden | The server understood the request, but is refusing to fulfill it |
| 404 Not Found | The server has not found anything matching the Request-URI. |
| 406 Not Acceptable | The resource identified by the request is only capable of generating response entities which have content characteristics not acceptable according to the accept headers sent in the request. |
| 415 Unsupported Media Type | The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method. |
| 500 Internal Server Error | The server encountered an unexpected condition which prevented it from fulfilling the request. |