

OpenECOMP Portal Restful Services API

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About this document

The purpose of this document is to describe the various Restful Methods provided by OpenECOMP Portal to the external applications. These REST methods can be used to perform operations like

- Get Available Application List
- Add/Modify/Delete Application Administrators.
- Add/Modify/Delete Users to/from the Application User Roles List.
- Get Application List where user has Administrative Role.
- Get Application User Roles List

Each of the above REST methods are explained in detailed below. These REST methods sends/receives data in JSON format. The actual REST URLs are to be determined by your installation.

GET Available Applications List

Rest Path: /portalApi/availableApps

Rest URL: http://<yourHost:yourPort>/openecompportal

Request Method: GET

Request Headers:

Content-Type: application/json

Accept: application/json, text/plain, */*

X-ECOMP-RequestID: Randomly generated UUID value. It can be generated using UUID class available in Java.Util package collection. (Example: e21ad71d-342e-4eb3-b5e3-f006f92da281)

User-Agent: Calling Application Name (Example: Meridian?)

Username: used for authentication to validate the source of the request

Password: used for authentication to validate the source of the request

Referrer: Rest Path + Rest URL

Response Headers:

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json

Transfer-Encoding: chunked

Date: Mon, 16 May 2016 14:46:58 GMT

Example Response:

```
[{"index":2,"title":"AIC Self Service Portal","value":"AIC Self Service Portal"}, {"index":3,"title":"AIC ASDC","value":"AIC ASDC"}, {"index":4,"title":"AIC Formation","value":"AIC Formation"}, {"index":5,"title":"Open App","value":"Open App"}, {"index":11,"title":"CCD IST - Kansas","value":"CCD IST - Kansas"}, {"index":12,"title":"Policy IST - Kansas","value":"Policy IST - Kansas"}, {"index":13,"title":"GeoLink IST - Kansas","value":"GeoLink IST - Kansas"}, {"index":14,"title":"SDK Demeter - Kansas","value":"SDK Demeter - Kansas"}, {"index":15,"title":"Policy DEV - Kansas","value":"Policy DEV - Kansas"}, {"index":16,"title":"Renaming SoapUI App at 20160418112829","value":"Renaming SoapUI App at 20160418112829"}, {"index":17,"title":"Middletown SDK App Kansas","value":"Middletown SDK App Kansas"}]
```

ADD/Modify/Remove User to/from the Application Administrator Role

Rest Path: /portalApi/adminAppsRolesExternal

Rest URL: http://<yourHost:yourPort>/openecomportal

Request Method: PUT

Request Headers:

Content-Type: application/json;charset=UTF-8

Content-Length: length of the payload

Accept: application/json, text/plain, */*

X-ECOMP-RequestID: Randomly generated UUID value. It can be generated using UUID class available in Java.Util package collection. (Example: e21ad71d-342e-4eb3-b5e3-f006f92da281)

User-Agent: Calling Application Name (Example: Meridian?)

Username: used for authentication to validate the source of the request

Password: used for authentication to validate the source of the request

Referrer: Rest Path + Rest URL

Payload:

```
{"orgUserId":"rc580q", "appsRoles":[{"id":2, "appName":"AIC Self Service Portal", "isAdmin": true}, {"id":14, "appName":"SDK Demeter - Kansas", "isAdmin": false}]}
```

Note:

True means it will add the user to the Application Administrator Role.

False means it will remove the user from the Application Administrator Role.

Response Headers:

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json

Transfer-Encoding: chunked

Date: Mon, 16 May 2016 14:46:58 GMT

Internally OpenECOMP Portal has to perform the following operations before applying the relevant incoming payload data i.e.

a) portalApi/queryUsers?search=orgUserId – Make sure the incoming orgUserId exists in the User Database.

- b) portalApi/availableApps – Can be used to validate the incoming Application id's or Names.
- c) portalApi/adminAppRoles?user=orgUserId – Get the current Admin App Role List for the incoming orgUserId and update the list with the incoming payload and then save the complete admin role list.

Add/Modify/Remove USER to/from the Application USER Roles

Rest Path: /portalApi/userAppsRolesExternal

Rest URL: http://<yourHost:yourPort>/openecomportal

Request Method: PUT

Request Headers:

Content-Type: application/json;charset=UTF-8

Content-Length: length of the payload

Accept: application/json, text/plain, */*

X-ECOMP-RequestID: Randomly generated UUID value. It can be generated using UUID class available in Java.Util package collection. (Example: e21ad71d-342e-4eb3-b5e3-f006f92da281)

User-Agent: Calling Application Name (Example: Meridian?)

Username: used for authentication to validate the source of the request

Password: used for authentication to validate the source of the request

Referrer: Rest Path + Rest URL

Payload:

```
{"orgUserId":"rc580q","apps":[{"appld":14,"appName":"SDK Demeter - Kansas","appRoles":[{"roleId":16,"roleName":"Standard User","isApplied":true},{"roleId":5022,"roleName":"Test Role","isApplied":true},{"roleId":1992,"roleName":"Document Library Admin","isApplied":false}],"appld":15,"appName":"Policy DEV - Kansas","appRoles":[{"roleId":5003,"roleName":"Policy Super Admin","isApplied":true},{"roleId":16,"roleName":"Standard User","isApplied":false},{"roleId":1,"roleName":"System Administrator","isApplied":true}]}]}
```

Note:

True – Adding a role to the Application user roles list

False – Removing a role from the Application user roles list

Response Headers:

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json

Transfer-Encoding: chunked

Date: Mon, 16 May 2016 14:46:58 GMT

Internally OpenECOMP Portal has to perform the following operations before applying the relevant incoming payload data i.e.

- a) `portalApi/queryUsers?search=orgUserId` – Make sure the incoming `orgUserId` is exist in the Web phone.
- b) `portalApi/availableApps` – Will be used to validate the incoming Application id's or Names.
- c) `portalApi/userAppsRoles?user=orgUserId` – Get the current App Roles List for the incoming `orgUserId` and update the list with the incoming payload and then save the complete App Roles list.

GET Application List where user currently have Administrator Roles

Rest Path: `/portalApi/adminAppsRoles?user=orgUserId`

Rest URL: `http://<yourHost:yourPort>/openecompportal`

Request Method: GET

Request Headers:

Content-Type: application/json

Accept: application/json, text/plain, */*

X-ECOMP-RequestID: Randomly generated UUID value. It can be generated using UUID class available in Java.Util package collection. (Example: e21ad71d-342e-4eb3-b5e3-f006f92da281)

User-Agent: Calling Application Name (Example: Meridian?)

Username: used for authentication to validate the source of the request

Password: used for authentication to validate the source of the request

Referrer: Rest Path + Rest URL

Response Headers:

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json

Transfer-Encoding: chunked

Date: Mon, 16 May 2016 14:46:58 GMT

Example Response:

```
{ "orgUserId": "rc580q", "apps": [ { "appld": 11, "appName": "CCD IST - Kansas", "appRoles": [ { "roleId": 1992, "roleName": "Document Library Admin", "isApplied": false }, { "roleId": 1991, "roleName": "Document Library Users", "isApplied": false }, { "roleId": 6000, "roleName": "PIM", "isApplied": false }, { "roleId": 16, "roleName": "Standard User", "isApplied": true }, { "roleId": 1, "roleName": "System Administrator", "isApplied": false }, { "roleId": 6001, "roleName": "User Provisioner", "isApplied": false }, { "roleId": 250, "roleName": "iTracker Support", "isApplied": false }, { "roleId": 200, "roleName": "iTracker User", "isApplied": false }, { "roleId": 5000, "roleName": "test role 1", "isApplied": false }, { "roleId": 5001, "roleName": "tt", "isApplied": false } ] }, { "appld": 14, "appName": "SDK Demeter - Kansas", "appRoles": [ { "roleId": 1992, "roleName": "Document Library Admin", "isApplied": false }, { "roleId": 1991, "roleName": "Document Library Users", "isApplied": false }, { "roleId": 16, "roleName": "Standard User", "isApplied": true }, { "roleId": 1, "roleName": "System Administrator", "isApplied": false }, { "roleId": 5022, "roleName": "Test Role", "isApplied": false }, { "roleId": 5012, "roleName": "Test Role 7", "isApplied": false }, { "roleId": 5023, "roleName": "Test Role!", "isApplied": false }, { "roleId": 5002, "roleName": "Test role", "isApplied": false }, { "roleId": 250, "roleName": "iTracker
```



```
Support", "isApplied": false}, {"roleId": 200, "roleName": "iTracker
User", "isApplied": false}, {"roleId": 5013, "roleName": "notify_email", "isApplied": false}, {"roleId": 5024, "roleName": "rama_role", "isApplied": false}, {"roleId": 5014, "roleName": "te", "isApplied": false}, {"roleId": 5000, "roleName": "test role 1", "isApplied": false}, {"roleId": 5005, "roleName": "test rolr
5", "isApplied": false}, {"roleId": 5019, "roleName": "testRole", "isApplied": false}}]]}}}
```

GET Application User Roles List

Rest Path: /portalApi userAppsRoles?user=orgUserId

Rest URL: http://<yourHost:yourPort>/openecomportal

Request Method: GET

Request Headers:

Content-Type: application/json

Accept: application/json, text/plain, /*

X-ECOMP-RequestID: Randomly generated UUID value. It can be generated using UUID class available in Java.Util package collection. (Example: e21ad71d-342e-4eb3-b5e3-f006f92da281)

User-Agent: Calling Application Name (Example: Meridian?)

Username: used for authentication to validate the source of the request

Password: used for authentication to validate the source of the request

Referrer: Rest Path + Rest URL

Response Headers:

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json

Transfer-Encoding: chunked

Date: Mon, 16 May 2016 14:46:58 GMT

Example Response:

```
{"orgUserId":"rc580q","apps":[{"appld":14,"appName":"SDK Demeter - Kansas","appRoles":[{"roleId":1992,"roleName":"Document Library Admin","isApplied":false}, {"roleId":1991,"roleName":"Document Library Users","isApplied":false}, {"roleId":16,"roleName":"Standard User","isApplied":true}, {"roleId":1,"roleName":"System Administrator","isApplied":false}, {"roleId":5022,"roleName":"Test Role","isApplied":false}, {"roleId":5012,"roleName":"Test Role 7","isApplied":false}, {"roleId":5023,"roleName":"Test Role!", "isApplied":false}, {"roleId":5002,"roleName":"Test role","isApplied":false}, {"roleId":250,"roleName":"iTracker Support","isApplied":false}, {"roleId":200,"roleName":"iTracker User","isApplied":false}, {"roleId":5013,"roleName":"notify_email","isApplied":false}, {"roleId":5024,"roleName":"rama_role","isApplied":false}, {"roleId":5014,"roleName":"te","isApplied":false}, {"roleId":5000,"roleName":"test role 1","isApplied":false}, {"roleId":5005,"roleName":"test rolr 5","isApplied":false}, {"roleId":5019,"roleName":"testRole","isApplied":false}]}],{"appld":15,"appName":"Policy DEV - Kansas","appRoles":[{"roleId":1992,"roleName":"Document Library Admin","isApplied":false}, {"roleId":1991,"roleName":"Document Library Users","isApplied":false}, {"roleId":5003,"roleName":"Policy Super Admin","isApplied":false}, {"roleId":5004,"roleName":"Policy Super Editor","isApplied":false}, {"roleId":5005,"roleName":"Policy Super Guest","isApplied":false}, {"roleId":16,"roleName":"Standard User","isApplied":false}, {"roleId":1,"roleName":"System Administrator","isApplied":false}, {"roleId":250,"roleName":"iTracker Support","isApplied":false}, {"roleId":200,"roleName":"iTracker User","isApplied":false}, {"roleId":5001,"roleName":"tt","isApplied":false}]}}}
```
