

Links to Other API pages: [Cisco Unity Connection APIs](#)

<b>CUPI Guide Contents</b>
<a href="#">API Overview</a>
<a href="#">Index of All CUPI Documentation</a>

## Contents

- [1 User Roles API](#)
  - ◆ [1.1 Listing User Roles](#)
  - ◆ [1.2 Adding Roles](#)
  - ◆ [1.3 Delete Role of User](#)
  - ◆ [1.4 Explanation of Data Fields](#)

## User Roles API

### Listing User Roles

GET https://<connection-server>/vmrest/users/<user-objectid>/userroles

The following is the response from the above \*GET\* request and the actual response will depend upon the information given by you:

```
<UserRole>
  <URI>/vmrest/users/d8054a3a-6c09-4a25-9880-6589d2f1dc85/userroles/973e143e-af15-4ef4-a7c1-5fafd9cc53d4</URI>
  <ObjectId>973e143e-af15-4ef4-a7c1-5fafd9cc53d4</ObjectId>
  <UserObjectId>d8054a3a-6c09-4a25-9880-6589d2f1dc85</UserObjectId>
  <UserURI>/vmrest/users/d8054a3a-6c09-4a25-9880-6589d2f1dc85</UserURI>
  <RoleObjectId>ba166947-41e8-4ec9-ad14-03658d91240e</RoleObjectId>
  <RoleURI>/vmrest/roles/ba166947-41e8-4ec9-ad14-03658d91240e</RoleURI>
  <RoleName>Audit Administrator</RoleName>
  <Alias>ABCD_user template</Alias>
</UserRole>
```

Response Code: 200

### JSON Example

GET https://<connection-server>/vmrest/useres/<usereobjectid>/userroles

Accept: application/json

Connection: keep-alive

The following is the response from the above \*GET\* request and the actual response will depend upon

```
{
  "@total": "1"
  "UserRole":
  {
    "URI": "/vmrest/users/a9272189-720b-44b3-86e0-df7ef519599c/userroles/167b7661-ee8b-4c83-8867-decb88ec0c1c"
    "ObjectId": "167b7661-ee8b-4c83-8867-decb88ec0c1c"
  }
}
```

## Cisco\_Unity\_Connection\_Provisioning\_Interface\_(CUPI)\_API\_--\_User\_Roles

```
"UserObjectId": "a9272189-720b-44b3-86e0-df7ef519599c"
"UserURI": "/vmrest/users/a9272189-720b-44b3-86e0-df7ef519599c"
"RoleObjectId": "04d0f1ef-a8c6-454a-8cf0-0e8db7bb2b15"
"RoleURI": "/vmrest/roles/04d0f1ef-a8c6-454a-8cf0-0e8db7bb2b15"
"RoleName": "Help Desk Administrator"
"Alias": "tenant005_usertemplate_1"
}
}
```

Response code: 200

### Adding Roles

POST https://<connection-server>/vmrest/users/<user-objectid>/userroles

Note: To get the roles object ID, use this URI:

https://<connection-server>/vmrest/roles

```
<UserRole>
  <RoleObjectId>4f077e4e-61c7-4ce8-a58a-2c4bc6089319</RoleObjectId>
</UserRole>
```

The following is the response from the above \*POST\* request and the actual response will depend upon the information given by you:

Response Code: 201  
/vmrest/users/39871e30-849a-4dcf-b868-2faf360d503a/userroles/f4d0f1ef-a8c6-454a-8cf0-0e8db7bb2b15

### JSON Example

```
POST https://<connection-server>/vmrest/users/<user-objectid>/userroles
Accept: application/json
Content-type: application/json
Connection: keep-alive
Request Body:
{
  "RoleObjectId": "04d0f1ef-a8c6-454a-8cf0-0e8db7bb2b15"
}
```

The following is the response from the above \*POST\* request and the actual response will depend upon the information given by you:

Response code: 201  
/vmrest/users/39871e30-849a-4dcf-b868-2faf360d503a/userroles/f4d0f1ef-a8c6-454a-8cf0-0e8db7bb2b15

### Delete Role of User

DELETE https://<connection-server>/vmrest/users/<user-objectid>/userroles/<userrolesId>

The following is the response from the above \*DELETE\* request and the actual response will depend upon the information given by you:

Response Code: 204

### JSON Example

DELETE https://<connection-server>/vmrest/users/<user-objectid>/userroles/<userroleid>

## Cisco\_Unity\_Connection\_Provisioning\_Interface\_(CUPI)\_API\_--\_User\_Roles

Accept: application/json

Connection: keep-alive

The following is the response from the above \*DELETE\* request and the actual response will depend

Response Code: 204

### Explanation of Data Fields

Parameter	Operations	Data Type	Comments
ObjectId	String(36)	Read Only	A globally unique, system-generated identifier for a particular role of user
UserURI	String	Read Only	URI of the User object (subject) to which this role is assigned.
UserObjectId	String(36)	Read Only	The unique identifier of the User object (subject) to which this role is assigned.
RoleObjectId	String(36)	Read/Write	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."
RoleName	String(64)	Read Only	The name of the role.
RoleURI	String	Read Only	URI of the particular role
Alias	String(64)	Read Only	The alias of the user.