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## Distribution List Members APIs

Administrator can use this API to create/update/delete/fetch the distribution list members. You can update various attributes of distribution list members using this API.

### Listing the Distribution List Members

Request URI:

```
GET https://<connection-server>/vmrest/distributionlists/<distributionlistObjectId>/distributionlistmember
```

The following is an example of the GET request that fetch the list of distribution list members:

```
GET https://<connection server>/vmrest/distributionlists/ef4aa84e-97c3-456e-848e-b162a04c9631/distributionlistmembers
```

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

```
<DistributionListMembers total="1">
  <DistributionListMember>
    <URI>/vmrest/distributionlists/ef4aa84e-97c3-456e-848e-
b162a04c9631/distributionlistmembers/f6712058-3409-49eb-a616-517614766594</URI>
    <DistributionListObjectId>ef4aa84e-97c3-456e-848e-
b162a04c9631</DistributionListObjectId>
    <DistributionListURI>/vmrest/distributionlists/ef4aa84e-97c3-456e-848e-
b162a04c9631</DistributionListURI>
    <MemberUserObjectId>34cc862e-19e4-4689-a4ee-
ee98d83b8319</MemberUserObjectId>
    <MemberUserURI>/vmrest/users/34cc862e-19e4-4689-a4ee-
ee98d83b8319</MemberUserURI>
    <ObjectId>f6712058-3409-49eb-a616-517614766594</ObjectId>
    <Alias>Texoma_UserTemplate_1</Alias>
    <DisplayName>Texoma_UserTemplate_1</DisplayName>
    <AllowForeignMessage>false</AllowForeignMessage>
    <MemberGlobalUserObjectId>34cc862e-19e4-4689-a4ee-
```

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```
ee98d83b8319</MemberGlobalUserObjectId>
  <MemberGlobalUserURI>/vmrest/globalusers/34cc862e-19e4-4689-a4ee-
ee98d83b8319</MemberGlobalUserURI>
  <MemberLocationObjectId>0eba1e8b-7e39-47a3-865f-ee6a34113f67</MemberLocationObjectId>
  <MemberLocationURI>/vmrest/locations/connectionlocations/0eba1e8b-7e39-47a3-865f-ee6a34113f67</MemberLocationURI>
  <MemberGlobalUserDignetObjectId>34cc862e-19e4-4689-a4ee-
ee98d83b8319</MemberGlobalUserDignetObjectId>
  <IsUserTemplate>>true</IsUserTemplate>
  <LocationObjectId>0eba1e8b-7e39-47a3-865f-ee6a34113f67</LocationObjectId>
  <LocationURI>/vmrest/locations/connectionlocations/0eba1e8b-7e39-47a3-865f-
ee6a34113f67</LocationURI>
</DistributionListMember>
</DistributionListMembers>
```

Response Code: 200

### JSON Example

To get distribution list members:

```
GET https://<connection-server>/vmrest/distributionlists/<distributionlistObjectId>/distributionlists/<distributionlistObjectId>/distributionlistmembers
Accept: application /json
Connection: keep-alive
```

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

```
{
  "@total": "1"
  "DistributionListMember":
  {
    "URI": "/vmrest/distributionlists/dd043e9a-3f34-47eb-a72a-1b4b41e5f9d7/distributionlistmembers/dadd5c1c-1666-486a-94fa-bc681d99bfdb"
    "DistributionListObjectId": "dd043e9a-3f34-47eb-a72a-1b4b41e5f9d7"
    "DistributionListURI": "/vmrest/distributionlists/dd043e9a-3f34-47eb-a72a-1b4b41e5f9d7"
    "MemberUserObjectId": "216c1a3e-7c0e-4527-aa9c-32b2683f04be"
    "MemberUserURI": "/vmrest/users/216c1a3e-7c0e-4527-aa9c-32b2683f04be"
    "ObjectId": "dadd5c1c-1666-486a-94fa-bc681d99bfdb"
    "Alias": "kapill_Operator_1"
    "DisplayName": "kapill_Operator_1"
    "AllowForeignMessage": "false"
    "MemberGlobalUserObjectId": "216c1a3e-7c0e-4527-aa9c-32b2683f04be"
    "MemberGlobalUserURI": "/vmrest/globalusers/216c1a3e-7c0e-4527-aa9c-32b2683f04be"
    "MemberLocationObjectId": "830e1a2d-8e90-459f-88f7-700497ba975c"
    "MemberLocationURI": "/vmrest/locations/connectionlocations/830e1a2d-8e90-459f-88f7-700497ba975c"
    "MemberGlobalUserDignetObjectId": "216c1a3e-7c0e-4527-aa9c-32b2683f04be"
    "IsUserTemplate": "false"
    "LocationObjectId": "830e1a2d-8e90-459f-88f7-700497ba975c"
    "LocationURI": "/vmrest/locations/connectionlocations/830e1a2d-8e90-459f-88f7-700497ba975c"
  }
}
```

Response Code: 200

## Creating a Distribution List Member

You can create a new distribution list member by adding a user or user template or can add another distribution list as a member.

**Example 1: Adding a user or user template to a distribution list** To get user or user template object ID, you can use the following URIs:

```
GET https://<connection-server>/vmrest/users
GET https://<connection-server>/vmrest/usertemplates
```

The following is an example of the POST request that creates a new distribution list member by adding a user or user template:

```
POST https://<connection-server>/vmrest/distributionlists/ef4aa84e-97c3-456e-848e-
b162a04c9631/distributionlistmembers
Request Body:
<DistributionListMember>
  <MemberUserObjectId>6202095f-606b-40d8-889d-f32e2d822f54</MemberUserObjectId>
</DistributionListMember>

Response Code: 201
```

**Example 2: Adding another distribution list as a member** The following is an example of the POST request that creates a new distribution list member by adding another distribution list as a member:

```
POST https://<connection-server>/vmrest/ distributionlists/ef4aa84e-97c3-456e-848e-b162a04c9631/di
Request Body:
<DistributionListMember>
  <MemberDistributionListObjectId>e030d111-d29e-4d11-93fa-4abe73bd50a0</MemberDistributionListOb
</DistributionListMember>

Response Code: 201
```

### JSON Example:

To add a user or user template, do the following:

```
Request URI:
POST https://<connection-server>/vmrest/distributionlists/<distributionlistObjectId>/distributionl
Accept: application/json
Content-Type: application/json
Connection: keep-alive
Request Body:
{
  "MemberUserObjectId": "216c1a3e-7c0e-4527-aa9c-32b2683f04be"
}
```

The following is the response from the above \*POST\* request and the actual response will depend up  
Response Code: 201

To add another distribution list as a member:

```
POST https://<connection-server>/vmrest/distributionlists/ef4aa84e-97c3-456e-848e-b162a04c9631/di
Accept: application/json
Content-Type: application/json
Connection: keep-alive
Request Body:
{
  "MemberDistributionListObjectId": "e030d111-d29e-4d11-93fa-4abe73bd50a0"
}
```

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

### Delete a Member from the Distribution List

The following request can be used to delete a member from the distribution list:

DELETE: <https://<connection-server>/vmrest/distributionlists/<DistributionListObjectId>/distributionlistmembers/<DistributionListMemberId>>

Response Code: 204

#### JSON Example:

```
DELETE https://<connection-server>/vmrest/distributionlists/<DistributionListObjectId>/distributionlistmembers/<DistributionListMemberId>
Accept: application/json
Connection: keep-alive
```

Response Code: 204

### Explanation of the Data Fields for Distribution List Member

| Parameter                       | Operations | Data Type   | Comments   |
|---------------------------------|------------|-------------|--|
| URI                             | Read Only  | String      | Specifies the URI of the distribution list member.         |
| ObjectId                        | Read Only  | String (36) | Specifies the Object Id of the distribution list member.   |
| DistributionListObjectId        | Read Only  | String (36) | Specifies the distribution list object ID.                 |
| DistributionListURI             | Read Only  | String      | Specifies the URI of the distribution list.                |
| MemberUserObjectId              | Read Only  | String (36) | Specifies the object ID of user or user template.          |
| MemberGlobalUserObjectId        | Read Only  | String (36) | Specifies the object ID of the user or user template.      |
| MemberDistributionListObjectId  | Read Only  | String (36) | Specifies the object ID of the member's distribution list. |
| MemberGlobalUserDiginetObjectId | Read Only  | String (36) | Specifies the object ID of the user.                       |
| MemberLocationObjectId          | Read Only  | String (36) | Specifies the object ID of the member location.            |
| Alias                           | Read/Write |             |  |

|                     |            |                |  |
|---------------------|------------|----------------|--|
|                     |            | String<br>(64) | Specifies the unique name to identify a distribution list.   |
| AllowForeignMessage | Read Only  | Boolean        | <p>Allow users on remote voice messaging systems that are configured as VPIM locations to send messages to this distribution list.</p> <p>Possible values:</p> <ul style="list-style-type: none"> <li>• true: allow remote voice messaging</li> <li>• false: Do not allow remote voice messaging.</li> </ul> <p>Default: false</p> |
| DisplayName         | Read/Write | String<br>(64) | Specifies name of the member.  |
| IsUserTemplate      | Read Only  | Boolean        | Specifies if a member is a user template.  |
| MemberLocationURI   | Read Only  | String         | Specifies URI of the location.   |
| MemberGlobalUserURI | Read Only  | String         | Specifies URI of the user.   |
| LocationObjectId    | Read Only  | String<br>(36) | Specifies location object ID.  |
| LocationURI         | Read Only  | String         | Specifies URI of the location.   |