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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 (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 (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 (36)	Specifies location object ID.
LocationURI	Read Only	String	Specifies URI of the location.