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## Viewing

Every private list has members. To see the members of a private list, do the following GET:

```
GET /vmrest/users/<userobjectid>/privatelists/<privatelistobjectid>/privatelistmembers
```

Here is an example of the response you might receive to such a request:

```
200
```

```
OK
```

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<PrivateListMembers total="4">
```

```
  <PrivateListMember>
```

```
    <URI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928/privatelists/df523f3a-4e40-4d6d-9f80-72a5bc93331c/privatelistmembers/4d390786-56a8-45e3-85a1-1c0933375b99</URI>
```

```
    <PersonalVoiceMailListObjectId>df523f3a-4e40-4d6d-9f80-72a5bc93331c</PersonalVoiceMailListObj
```

```
    <PrivateListURI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928/privatelists/df523f3a-4e40-4d6d-9f80-72a5bc93331c</PrivateListURI>
```

```
    <MemberSubscriberObjectId>444ded7b-e2b9-48c1-9aca-bcfda4372928</MemberSubscriberObj
```

```
    <MemberUserURI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928</MemberUserURI>
```

```
    <ObjectId>4d390786-56a8-45e3-85a1-1c0933375b99</ObjectId>
```

```
    <Alias>UserA</Alias>
```

```
    <DisplayName>User A</DisplayName>
```

```
    <Extension>1017</Extension>
```

```
  </PrivateListMember>
```

```
  <PrivateListMember>
```

```
    <URI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928/privatelists/df523f3a-4e40-4d6d-9f80-72a5bc93331c/privatelistmembers/4e16bf12-6383-46d9-ae32-9ca9a857ca4f</URI>
```

```
    <PersonalVoiceMailListObjectId>df523f3a-4e40-4d6d-9f80-72a5bc93331c</PersonalVoiceMailListObj
```

```
    <PrivateListURI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928/privatelists/df523f3a-4e40-4d6d-9f80-72a5bc93331c</PrivateListURI>
```

```
    <MemberDistributionListObjectId>4523ba2f-015c-414e-ad96-92aba431ed39</MemberDistributionListOb
```

```
    <MemberDistributionListURI>/vmrest/distributionlists/4523ba2f-015c-414e-ad96-92aba431ed39</MemberDistributionListURI>
```

```
    <ObjectId>4e16bf12-6383-46d9-ae32-9ca9a857ca4f</ObjectId>
```

```
    <Alias>ListA</Alias>
```

```
    <DisplayName>List A</DisplayName>
```

```
  </PrivateListMember>
```

```
</PrivateListMembers>
```

## Cisco\_Unity\_Connection\_Provisioning\_Interface\_(CUPI)\_API\_--\_Private\_List\_Members

```
<URI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928/privatelists/
df523f3a-4e40-4d6d-9f80-72a5bc93331c/privatelistmembers/
c61a60f6-0aa5-4c85-94ba-94fd6c167bd4</URI>
<PersonalVoiceMailListObjectId>df523f3a-4e40-4d6d-9f80-72a5bc93331c</PersonalVoiceMailListObjec
<PrivateListURI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928/
privatelists/df523f3a-4e40-4d6d-9f80-72a5bc93331c</PrivateListURI>
<MemberPersonalVoiceMailListObjectId>48eb2b0f-15a8-4bdf-a3a0-098debed181d</MemberPersonalVoice
<MemberPrivateListURI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928/
privatelists/48eb2b0f-15a8-4bdf-a3a0-098debed181d</MemberPrivateListURI>
<ObjectId>c61a60f6-0aa5-4c85-94ba-94fd6c167bd4</ObjectId>
<Alias>UserA_48eb2b0f-15a8-4bdf-a3a0-098debed181d</Alias>
<DisplayName>2</DisplayName>
</PrivateListMember>
<PrivateListMember>
<URI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928/privatelists/
df523f3a-4e40-4d6d-9f80-72a5bc93331c/privatelistmembers/
41295a7c-c9c0-45d3-8060-5a5038f0a49e</URI>
<PersonalVoiceMailListObjectId>df523f3a-4e40-4d6d-9f80-72a5bc93331c</PersonalVoiceMailListObjec
<PrivateListURI>/vmrest/users/444ded7b-e2b9-48c1-9aca-bcfda4372928/
privatelists/df523f3a-4e40-4d6d-9f80-72a5bc93331c</PrivateListURI>
<ObjectId>41295a7c-c9c0-45d3-8060-5a5038f0a49e</ObjectId>
<MemberContactObjectId>27e58431-981f-4fbd-b667-69b1aaac89fd</
MemberContactObjectId>
<MemberContactURI>/vmrest/contacts/27e58431-981f-4fbd-b667-69b1aaac89fd</
MemberContactURI>
<Alias>ConA</Alias>
<DisplayName>Con A</DisplayName>
<Extension>1290390</Extension>
</PrivateListMember>
</PrivateListMembers>
```

Every member of a private list can be one of four objects: a user, a distribution list, another private list, or a remote contact (a contact that can receive a message). Depending on which object the member is, different fields are used to track the member information, which consists solely of an object id and a URI to that object.

The Alias, Display Name, and Extension of the member in question are also included. These fields are not actual values on the private list member data object; instead, the values are looked up by the API when it performs the GET.

## Creating

The following POST adds a member to a private list. In this example, a user is being added to the private list by simply providing the object id of the user.

```
POST /vmrest/users/<userobjectid>/privatelists/<privatelistobjectid>/
privatelistmembers
<?xml version="1.0" encoding="UTF-8"?>
<PrivateListMember>
  <MemberSubscriberObjectId>9bc04f85-9ac4-42f8-9314-547408a6126c</
MemberSubscriberObjectId>
</PrivateListMember>
```

Use **MemberDistributionListObjectId** to add distribution lists to a private list. Use **MemberPersonalVoiceMailListObjectId** to add other private lists, and use **MemberContactObjectId** to add contacts.

## Deleting

The following DELETE removes a member from a private list:

```
DELETE /vmrest/users/<userobjectid>/privatelists/<privatelistobjectid>/  
privatelistmembers/<privatelistmemberobjectid>
```