



Cisco Unity Connection Provisioning Interface (CUPI) API -- Directory API

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Directory API

A URI is provided for users to allow them to search the directory and find addressable objects that can be used to send messages, be added to a private list, and so on. The directory can be searched several different ways. The example below searches for names that start with "user". Only name and extension fields can be used as a search filter. Searching the Directory This request can be used to search for a user in the directory. Note that the maximum number of objects that can be returned from a search is 100 objects.

```
GET https://<connection-server>/vmrest/directory/addressable?query=(name%20startswith%20user)
```

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

```
<Addresses total="2">
  <Address>
    <ObjectId>8dd65570-a1e8-4c85-95bc-0a8160877238</ObjectId>
    <Type>SUBSCRIBER</Type>
    <DisplayName>UserG</DisplayName>
    <SmtpAddress>userg@cuc-install-43.cisco.com</SmtpAddress>
    <DtmfAccessId>1019</DtmfAccessId>
  </Address>
  <Address>
    <ObjectId>7c897859-282f-43b0-9cab-1933e9b844f3</ObjectId>
    <Type>SUBSCRIBER</Type>
    <DisplayName>UserD</DisplayName>
    <SmtpAddress>userd@cuc-install-43.cisco.com</SmtpAddress>
    <DtmfAccessId>1018</DtmfAccessId>
  </Address>
</Addresses>
```

```
Response Code: 200
```

JSON Example

```
GET https://<connection-server>/vmrest/directory/addressable?query=(name%20startswith%20user)
Accept: application/json
Connection: keep-alive
```

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

```
{
"@total": "2","Address":
[
{
"ObjectId": "8dd65570-a1e8-4c85-95bc-0a8160877238",
"Type": "SUBSCRIBER",
"DisplayName": "UserG",
"SmtpAddress": "userg@cuc-install-43.cisco.com",
"DtmfAccessId": "1019"
},
{
"ObjectId": "7c897859-282f-43b0-9cab-1933e9b844f3",
"Type": "SUBSCRIBER",
"DisplayName": "UserD",
"SmtpAddress": "userd@cuc-install-43.cisco.com",
"DtmfAccessId": "1018"
}
]
}
```

```
Response Code: 200
```

Searching the Directory for a Particular User

To search the directory for names that exactly match "user", the following query is used:

```
GET https://<connection-server>/vmrest/directory/addressable?query=(name%20is%20user)
```

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

```
<Address>
<ObjectId>7c897859-282f-43b0-9cab-1933e9b844f3</ObjectId>
<Type>SUBSCRIBER</Type>
<DisplayName>user</DisplayName>
<SmtpAddress>user@cuc-install-43.cisco.com</SmtpAddress>
<DtmfAccessId>1018</DtmfAccessId>
</Address>
```

```
Response Code: 200
```

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

```
{
  "ObjectId": "7c897859-282f-43b0-9cab-1933e9b844f3"
  "Type": "SUBSCRIBER"
  "DisplayName": "user"
  "SmtpAddress": "user@cuc-install-43.cisco.com"
  "DtmfAccessId": "1018"
}
```

Response Code: 200

Explanation of Data Field

Parameter	Operation	Data Type	Comments
ObjectId	Read Only	String	Unique identifier of the directory entry.
Type	Read Only	String	Indicates type of user. Value is SUBSCRIBER for end users.
DisplayName	Read Only	String	Display name of the end user.
SmtpAddress	Read Only	String	SMTP address of the end user.
DtmfAccessId	Read Only	String	Extension number of the end user.
	Read Only	String	

