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## About SMTP Proxy Addresses

This page contains information on how to use the API to list SMTP Proxy Addresses.

## Listing and Viewing

The following is an example of a GET that lists all <element name>:

```
GET http://<connection-server>/vmrest/smtpproxyaddresses
```

The following is the response from the above GET request:

```
200
OK
<?xml version="1.0" encoding="UTF-8"?>
<SmtpproxyAddresses total="2">
  <SmtpproxyAddress>
    <URI>/vmrest/smtpproxyaddresses/9fd21b87-1509-42f1-88ce-3f36122c68ee</URI>
    <ObjectId>9fd21b87-1509-42f1-88ce-3f36122c68ee</ObjectId>
    <SmtpproxyAddress>somedude@somewhere.com</SmtpproxyAddress>
    <ObjectGlobalUserObjectId>0804bda6-953c-4271-b44a-0830c1429af2</ObjectGlobalUserObjectId>
    <ObjectGlobalUserURI>/vmrest/globalusers/0804bda6-953c-4271-b44a-0830c1429af2</ObjectGlobalUserURI>
  </SmtpproxyAddress>
  <SmtpproxyAddress>
    <URI>/vmrest/smtpproxyaddresses/fc107ad8-b9e5-409e-b0bc-62e295c7532e</URI>
    <ObjectId>fc107ad8-b9e5-409e-b0bc-62e295c7532e</ObjectId>
    <SmtpproxyAddress>someotherdude@somewhereelse.com</SmtpproxyAddress>
    <ObjectGlobalUserObjectId>0804bda6-953c-4271-b44a-0830c1429af2</ObjectGlobalUserObjectId>
    <ObjectGlobalUserURI>/vmrest/globalusers/0804bda6-953c-4271-b44a-0830c1429af2</ObjectGlobalUserURI>
  </SmtpproxyAddress>
</SmtpproxyAddresses>
```

To retrieve a sorted list of all SMTP Proxy Addresses, add the following query parameter: sort=(column [ascending | descending])

For example, to retrieve a list of all SMTP Proxy Addresses sorted by SMTP Address in ascending order:

```
GET http://<connection-server>/vmrest/smtpproxyaddresses?sort=(smtpaddress%20asc)
```

To retrieve a specific SMTP Proxy Address by its object ID:

## Cisco\_Unity\_Connection\_Provisioning\_Interface\_(CUPI)\_API\_-\_SMTP\_Proxy\_Addresses

GET http://<connection-server>/vmrest/smtpproxyaddresses/<objectId>

An SMTP Proxy Address can belong to one of four different objects: a global user, a contact, a distribution list, or a private list. In the above example, both SMTP Proxy Addresses belong to a user because ObjectGlobalUserObjectId property is set. The SMTP Proxy Address belongs to a contact if the ObjectContactObjectId property is set, a distribution list if the ObjectDistributionListObjectId property is set, or a private list if the ObjectPersonalGroupObjectId is set.

## Searching

To retrieve a list of SMTP Proxy Addresses that meet a specified search criteria, add the following query parameter to a GET: query=(column [is | startswith] value)

For example, to find all SMTP Proxy Addresses with an SMTP Address that starts with "a":

GET http://<connection-server>/vmrest/smtpproxyaddresses?query=(smtpaddress%20startswith%20a)

The following properties can be used for searching and sorting SMTP Proxy Addresses:

- SmtAddress
- ObjectId
- ObjectContactObjectId
- ObjectDistributionListObjectId
- ObjectGlobalUserObjectId
- ObjectPersonalGroupObjectId