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About Configuration Values

This page contains information on how to use the API to read configuration values which are also referred to system settings. You cannot create or delete configuration values.

Most configuration values are read-only in the API. Beginning with Unity Connection 8.5, following are the configuration values that can be updated:

- System.API.CumiAccessSecureMessageAttachments
- System.API.CumiAllowSecureMessageHeaders
- System.Conversations.UserMaxConcurrentSessionsTUI (Unity Connection 11.5(1) and later only)
- System.SA.UserInactivityTimeout (Unity Connection 11.5(1) and later only)

Listing and Viewing

The following is an example of **GET** that lists all system configuration values:

```
GET https://<server>/vmrest/configurationvalues
```

Beginning with Connection 8.5, you can perform **GET** on individual settings using their full name in the URI (instead of getting the whole collection):

```
GET https://<server>/vmrest/configurationvalues/<full name>
```

You can access the configuration values as part of a list using the regular configuration value query. For example, to find all configuration values with a fullname that starts with "System.API.Cumi":

```
GET https://<server>/vmrest/configurationvalues?query=(fullname startswith System.API.Cumi)
```

Updating

Only following configuration values have write access:

- System.API.CumiAccessSecureMessageAttachments
- System.API.CumiAllowSecureMessageHeaders
- System.Conversations.UserMaxConcurrentSessionsTUI (Unity Connection 11.5(1) and later only)
- System.SA.UserInactivityTimeout (Unity Connection 11.5(1) and later only)

Note: For System.Conversations.UserMaxConcurrentSessionsTUI, the minimum configuration value is 0 and maximum configuration value is 99. Whereas for System.SA.UserInactivityTimeout, the minimum configuration value is 0 and maximum configuration value is 9999 (value 0 auto disables the feature).

Attempting **PUT** on any other configuration values will result in a 403 (access denied) error.

When modifying a configuration value, only the value field is used (see PUT examples below). All other fields cannot be modified and will be ignored.

HTTP Examples

GET Examples

Example of **GET** for a list:

```
GET /vmrest/configurationvalues?query=(fullname%20startswith%20System.API.Cumi) HTTP/1.1
Accept: application/json
User-Agent: Java/1.6.0_20
Host: cuc-install-69.cisco.com
Connection: keep-alive
```

```
HTTP/1.1 200 OK
Pragma: No-cache
Cache-Control: no-cache
Expires: Wed, 31 Dec 1969 16:00:00 PST
Set-Cookie: JSESSIONIDSSO=658B27F18EF8424C11D261FEC776285D; Path=/
Set-Cookie: JSESSIONID=DE6BE806075303C8A73E666E0B478725; Path=/vmrest
Content-Type: application/json
Transfer-Encoding: chunked
Date: Thu, 20 May 2010 10:26:42 GMT
Server:
```

```
{"@total": "2", "ConfigurationValue": [{"Type": "11", "LastModifiedTime": "2010-05-20T10:36:19Z", "LastMo
```

XML

```
<ConfigurationValues total="2">
  <ConfigurationValue>
    <Type>11</Type>
    <LastModifiedTime>2010-05-21T17:29:52Z</LastModifiedTime>
    <LastModifiedByComponent>VMREST</LastModifiedByComponent>
    <FullName>System.API.CumiAccessSecureMessageAttachments</FullName>
    <Value>1</Value>
    <UserSetting>true</UserSetting>
```

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```
<MinVal>0</MinVal>
<MaxVal>0</MaxVal>
<RequiresRestart>>false</RequiresRestart>
</ConfigurationValue>
<ConfigurationValue>
  <Type>11</Type>
  <FullName>System.API.CumiAllowSecureMessageHeaders</FullName>
  <Value>1</Value>
  <UserSetting>>true</UserSetting>
  <MinVal>0</MinVal>
  <MaxVal>0</MaxVal>
  <RequiresRestart>>false</RequiresRestart>
</ConfigurationValue>
</ConfigurationValues>
```

Example of GET for individual setting:

```
GET /vmrest/configurationvalues/System.Messaging.RelaySecureMessage HTTP/1.1
Accept: application/json
User-Agent: Java/1.6.0_20
Host: cuc-install-69.cisco.com
Connection: keep-alive
Authorization: Basic Y2NtYWRTaW5pc3RyYXRvcjplY3NidWxhYg==
```

```
HTTP/1.1 200 OK
Pragma: No-cache
Cache-Control: no-cache
Expires: Wed, 31 Dec 1969 16:00:00 PST
Set-Cookie: JSESSIONIDSSO=B7839B7E290A9763ABD7751A6FBCAA5C; Path=/
Set-Cookie: JSESSIONID=E01E5B7E9F57692810ECF8AEAEDBD2B0; Path=/vmrest
Content-Type: application/json
Transfer-Encoding: chunked
Date: Thu, 20 May 2010 10:39:48 GMT
Server:
```

```
{"Type":"11","LastModifiedTime":"2010-05-20T10:11:02Z","LastModifiedByComponent":"CUADMIN","FullNa
```

XML

```
<ConfigurationValue>
  <Type>11</Type>
  <FullName>System.Messaging.RelaySecureMessage</FullName>
  <Value>0</Value>
  <UserSetting>>true</UserSetting>
  <RequiresRestart>>false</RequiresRestart>
</ConfigurationValue>
```

Example of GET for User Inactivity Timeout:

```
GET /vmrest/configurationvalues/System.SA.UserInactivityTimeout
```

```
HTTP/1.1 200 OK
Cache-Control: private
Expires: Thu, 01 Jan 1970 05:30:00 IST
Set-Cookie: JSESSIONIDSSO=F41326B2A9A8472368FE580917E944B7; Path=/; Secure; HttpOnly
Set-Cookie: JSESSIONID=CEADA77CB21BD27EE1C3386B3CFED149; Path=/vmrest/; Secure; HttpOnly
Set-Cookie: REQUEST_TOKEN_KEY=-1968493036399359092; Path=/; Secure; HttpOnly
```

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X-Frame-Options: SAMEORIGIN
Content-Type: application/xml
Content-Length: 400
Date: Thu, 10 Dec 2015 06:38:42 GMT
Server:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?><ConfigurationValue><Type>3</Type><LastModi
```

XML

```
<ConfigurationValue>  
  <Type>3</Type>  
  <LastModifiedTime>2015-12-10T06:23:26Z</LastModifiedTime>  
  <LastModifiedByComponent>VMREST</LastModifiedByComponent>  
  <FullName>System.SA.TUIInterfaceDisable</FullName>  
  <Value>55</Value>  
  <UserSetting>>true</UserSetting>  
  <MinVal>1</MinVal>  
  <MaxVal>500</MaxVal>  
  <RequiresRestart>>false</RequiresRestart>  
</ConfigurationValue>
```

PUT Examples

An example of **PUT** for configuration value:

```
PUT /vmrest/configurationvalues/System.API.CumiAccessSecureMessageAttachments HTTP/1.1  
Content-Type: application/json  
User-Agent: Java/1.6.0_20  
Host: cuc-install-69.cisco.com  
Accept: text/html, image/gif, image/jpeg, *; q=.2, */*; q=.2  
Connection: keep-alive  
Authorization: Basic Y2NtYWRTaW5pc3RyYXRvcjplY3NidWxhYg==  
Content-Length: 13
```

```
{"Value": "1"}
```

XML

```
<ConfigurationValue>  
  <Value>0</Value>  
</ConfigurationValue>
```

```
HTTP/1.1 204 No Content  
Pragma: No-cache  
Cache-Control: no-cache  
Expires: Wed, 31 Dec 1969 16:00:00 PST  
Set-Cookie: JSESSIONIDSSO=E3EB2F2AB5593902F00ECE80298ED82B; Path=/  
Set-Cookie: JSESSIONID=4B3EA5586E13B955D2CC9A8C46EE12FE; Path=/vmrest  
Date: Thu, 20 May 2010 10:58:05 GMT  
Server:
```

An example of **PUT** for configuration values that does not support **PUT**:

```
PUT /vmrest/configurationvalues/System.Messaging.RelaySecureMessage HTTP/1.1  
Content-Type: application/json  
User-Agent: Java/1.6.0_20
```

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```
Host: cuc-install-69.cisco.com
Accept: text/html, image/gif, image/jpeg, \*; q=.2, \*/\*; q=.2
Connection: keep-alive
Authorization: Basic Y2NtYWRTaW5pc3RyYXRvcjplY3NidWxhYg==
Content-Length: 240

HTTP/1.1 403 Forbidden
Pragma: No-cache
Cache-Control: no-cache
Expires: Wed, 31 Dec 1969 16:00:00 PST
Set-Cookie: JSESSIONIDSSO=6BE354F4A2C20A2190C9DFF78D91D7AB; Path=/
Set-Cookie: JSESSIONID=32DF55D02DA33C43938F43C2FC7A13FF; Path=/vmrest
Content-Type: application/xml
Transfer-Encoding: chunked
Date: Thu, 20 May 2010 10:26:43 GMT
Server:
```

An example of **PUT** for User Inactivity Timeout:

```
PUT /vmrest/configurationvalues/System.SA.UserInactivityTimeout
```

```
HTTP/1.1 204 No Content
Cache-Control: private
Expires: Thu, 01 Jan 1970 05:30:00 IST
Set-Cookie: JSESSIONIDSSO=2F68733BA443959388E841535A717DCC; Path=/; Secure; HttpOnly
Set-Cookie: JSESSIONID=A982BB1A93DAB2C294A64BD5D7DD03D0; Path=/vmrest/; Secure; HttpOnly
Set-Cookie: REQUEST_TOKEN_KEY=138477933938641394; Path=/; Secure; HttpOnly
X-Frame-Options: SAMEORIGIN
Content-Type: application/xml
Date: Thu, 10 Dec 2015 06:55:12 GMT
Server:
```

XML

```
<ConfigurationValue>
  <Value>36</Value>
</ConfigurationValue>
```

An example of **PUT** for TUI/VUI Logon Session Limit:

```
PUT /vmrest/configurationvalues/System.Conversations.UserMaxConcurrentSessionsTUI
```

XML

```
<ConfigurationValue>
  <Value>3</Value>
</ConfigurationValue>
```