

## Exceeded allowed rate for Reatime information

to version Application Suite 201x (any version)

### Applies to

UC Suite for Cisco UC

### Description

Imagicle UC Suite syncs it's data about phones and, if configured, users with the CUCM cluster using a mechanism known as AXL which is an XML/SOAP API endpoint provided by the CCM platform.

The API endpoint is limited, by default, to 15 queries per minute and have a maximum configurable value of 18 under the CUCM Enterprise Parameters for Rate Control `Allowed Device Queries Per Minute`

The AXL client used in the IAS can exceed this rate and will log under `%IAS_ROOT%\Var\Log\SvSasAXL.log_<date>.txt` an error such as (assuming the debug flag under Support -> Logs is set):

```
[DEBUG 1]      <?xml version="1.0" encoding="utf-8"?><soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/
00:01:47 - 00.0000      [DEBUG 1]      This is a SOAP response
00:01:47 -              SOAP RESPONSE contains ERROR: AxisFault: Exceeded allowed rate for Reatime information. Current
00:01:47 -      GetAXLData
00:01:47 - 00.0030      [INFO  2]      [2022-01-31 00:01:47] AxisFault: Exceeded allowed rate for Reatime information. C
00:01:47 - 00.0020      [INFO  2]      [2022-01-31 00:01:47] AXL Query got SOAP error response
00:01:47 -              *Detected a persistent soap error in phase [Device Details] while importing query 22 of 44, th
```

The AXL may never be able to complete the sync, thus new users and devices could never appear in the IAS and, upon expire of the old cache and depending on the configuration, the old users may be changed or deleted at the next user sync cycle

### Cause

CUCM rate-limits the AXL queries and the IAS AXL client exceeds said limit

### Solution

- 1) Increase the limit to 18 under the CUCM Enterprise Parameters for Rate Control `Allowed Device Queries Per Minute` web interface
- 2) RDP into the IAS server and edit the `%IAS_ROOT%\Apps\ApplicationSuite\Component\Native\SvSasAXL\SvSasAXL.ini` file, add the following line under the [Settings] section:

```
EnquiringTime=<N>
```

By default, N is 15, try to increase it to 30, ie:

```
EnquiringTime=30
```

And monitor the AXL log file as explained above, if the error persists, increase it by 15 again until it does not happen anymore