

Configure Broadworks OCISenderTool

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Introduction

This document describes the usage of a demonstration client provided by Cisco that can be used to test OCI-P commands and connectivity.

Prerequisites

Requirements

- The asoclient can be installed on either your PC or server.
- The IP address of the incoming request source needs to be added to the BroadWorks Network Access List.
- A valid OCI-P command is required.

BroadWorks Configuration

In this instance the OCISenderTool is hosted on server 172.16.30.3.

Ensure this IP is added in the OCI-P Network Access List
AS_CLI/System/NetworkAccessLists/OCI/Provisioning>.

```
AS_CLI/System/NetworkAccessLists/OCI/Provisioning> get
      Address      Description
=====
...
172.16.30.3  OCISenderTool
```

OCI-P Command

In this instance use the command '**GroupAccessDeviceGetListRequest**' for Enterprise **pws_ent** and Group **pws_grp**.

This file is called '**pws_GroupAccessDeviceGetListRequest.xml**'.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<BroadsoftDocument protocol="OCI" xmlns="C" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<sessionId xmlns="">%%OCI_SESSION_ID%%</sessionId>
<command xsi:type="GroupAccessDeviceGetListRequest" xmlns="">
<serviceProviderId>pws_ent</serviceProviderId>
<groupId>pws_grp</groupId>
</command>
</BroadsoftDocument>
```

Usage Options

To run this command, you need to select the relevant parameters.

```
[bwadmin@bwtacalab ASOCICLIENT]$ ./startASOCIClient.sh
**** OCI Client Build Version: 1.1.2
**** Usage:
startOCIClient configFile
startOCIClient loginId password [-i inputXMLFile] [-o outputXMLFile] [-h host] [-p port]
[-m {un}secure/{s}ecure] [-c BCCT/OCS] [-t timeOut] [-s sessionID] [-l loginRequestName] [-f
tabSize]

loginId          LoginId of the user (mandatory)
password         Password of the user (mandatory)
-i inputXMLFile  File containing the XML Request
-o outputXMLFile File to write the XML Response. File is over-written.
                 If not provided will default to: inputXMLFile.response.xml)
-h host          HostName to connect to. Default is localhost
-p port          Port to connect to. Default is 31000
-m mode          Unsecure/Secure mode for login
-c connection    BCCT or OCS
-t timeOut       Timeout in seconds to pause for a response from the server.
                 (Default is 30 seconds, if set to -1 will never timeout)
-s sessionID     session ID
-l loginRequest  name of the login request, i.e. LoginRequest or LoginRequest22
-f tab size      formats the response XML to make it pretty (off by default)
```

Lab Example

Provision on AS

- Setup example if you want to push the request via the AS (172.16.30.127) and use BCCT (port 2220).
-

```
loginId - admin
password - admin
inputXMLFile - /Commands/pws_GroupAccessDeviceGetListRequest.xml
host - 172.16.30.127
port - 2220
connection - BCCT
```

```
bwadmin@bwtaclab ASOCICLIENT]$ ./startASOCIClient.sh admin admin -i
./Commands/pws_GroupAccessDeviceGetListRequest.xml -h 172.16.30.127 -p 2220 -c BCCT
```

```
**** OCI Client Build Version: 1.1.2
**** Start OCIClient initialization --> 2022.05.12 04:06:14:540 EDT
**** Sending request at: 2022.05.12 04:06:14:566 EDT
```

```
=====>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<BroadsoftDocument protocol = "OCI" xmlns="C" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <sessionId xmlns="">172.16.30.3,460141958,1652342774546</sessionId>
  <command xsi:type="LoginRequest22V3" xmlns="">
    <userId>admin</userId>
    <password>admin</password>
  </command>
</BroadsoftDocument>
```

```
<=====>
```

```
**** Received response (Request process time: 176 ms)
```

```
=====>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<BroadsoftDocument protocol="OCI" xmlns="C" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<sessionId xmlns="">172.16.30.3,460141958,1652342774546</sessionId>
<command echo="" xsi:type="LoginResponse22V3" xmlns="">
<loginType>System</loginType>
<locale>en_US</locale>
<encoding>ISO-8859-1</encoding>
<isEnterprise>>false</isEnterprise>
<passwordExpiresDays>2147483647</passwordExpiresDays>
<userDomain>calo.cisco.com</userDomain>
<tokenRevocationTime>1616017564343</tokenRevocationTime>
</command>
</BroadsoftDocument>
```

```
<=====>
```

```
LoginRequest command successful
```

```
**** Reading request(s) from file: ./Commands/pws_GroupAccessDeviceGetListRequest.xml
**** Writing response to file: ./Commands/pws_GroupAccessDeviceGetListRequest.xml.response.xml
**** Sending request from file: ./Commands/pws_GroupAccessDeviceGetListRequest.xml
at: 2022.05.12 04:06:14:745 EDT
```

```
=====>
```

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<BroadsoftDocument protocol="OCI" xmlns="C" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
```

```
instance">
<sessionId xmlns="">172.16.30.3,460141958,1652342774546</sessionId>
<command xsi:type="GroupAccessDeviceGetListRequest" xmlns="">
<serviceProviderId>pws_ent</serviceProviderId>
<groupId>pws_grp</groupId>
</command>
</BroadsoftDocument>

<=====

*** Received response (Request process time: 1304 ms)

=====

<?xml version="1.0" encoding="ISO-8859-1"?>
<BroadsoftDocument protocol="OCI" xmlns="C" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<sessionId xmlns="">172.16.30.3,460141958,1652342774546</sessionId>
<command echo="" xsi:type="GroupAccessDeviceGetListResponse"
...<snipped_response>...
```

Provision on XSP/ADP

Setup example if you want to push the request via the XSP/ADP (172.16.30.71) and use OCS (port 2208).

```
loginId - admin
password - admin
inputXMLFile - /Commands/pws_GroupAccessDeviceGetListRequest.xml
host - 172.16.30.71
port - 2208
connection - OCS
```

```
./startASOCIClient.sh admin admin -i ./Commands/pws_GroupAccessDeviceGetListRequest.xml -h
172.16.30.71
-p 2208 -c OCS
```

Log Example

Log example for this request type seen from the PSLog.

```
2022.05.12 03:43:05:463 EDT | FieldDebug | Generic | BCCT Worker #1
OCI Transaction com.broadsoft.oci.transactions.group.GroupAccessDeviceGetListTransaction
read38257
executed.
User: Default Administrator (admin) Authorization Level: System
Start Time: 2022.05.12 03:43:03:616 EDT
End Time: 2022.05.12 03:43:05:463 EDT
Duration: 1847 ms
```

Related Information

Documentation

Software

Release Independant - [Rel 2022_08_asociclient](#)

Release 24 - [Rel 24_0_asociclient](#)

Release 23 - [Rel 23_asociclient](#)

Relesse 22 - [Rel 22_asociclient](#)