

# OpenCNAM Oracle SBC Integration Guide

## A. Introduction

OpenCNAM has several ways through which customers can query its Caller ID Name lookup services. This document details how to configure an ENUM service, on the Oracle SBC.

## B. Requirements

Verify that ENUM is licensed on the SBC.

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SBC# show features

Total session capacity: 32000

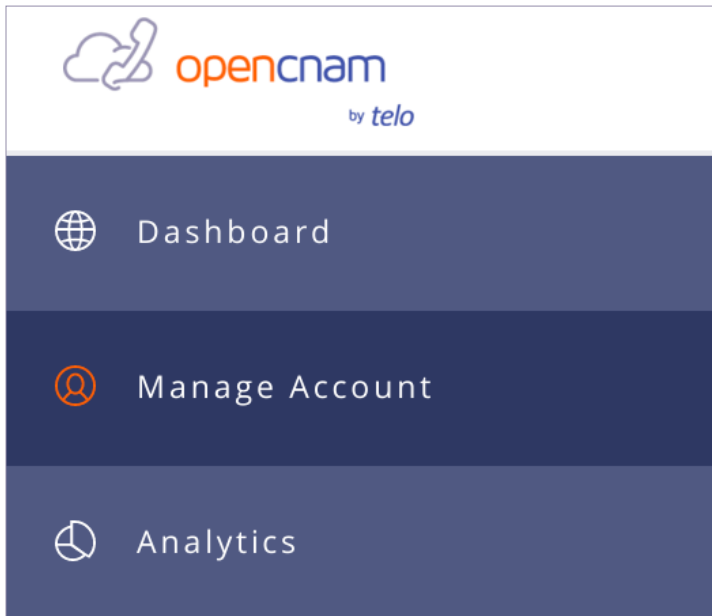
Enabled features:

32000 sessions, SIP, H323, QOS, ACP, Routing, Load Balancing,  
Accounting, High Availability, PAC, ENUM, NSEP RPH, IDS,  
IDS Advanced

Note: Please contact your Oracle Sales Representative if ENUM is not a licensed feature.

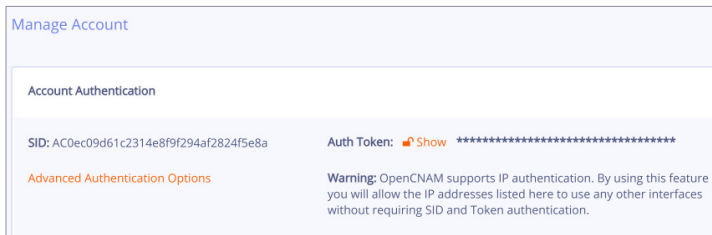
## C. Enabling IP authentication for OpenCNAM

You must first add your static IP address to the whitelist associated with your OpenCNAM account. This can be accomplished in the OpenCNAM customer portal as follows:

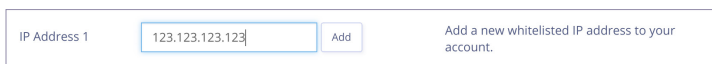


1 | Log into the OpenCNAM dashboard at [www.opencnam.com/dashboard](http://www.opencnam.com/dashboard)

2 | Click on **Manage Account** on the left side bar



3 | Click **Advanced Authentication Options** under the Account Authentication section to expose the IP address whitelist



4 | Add the IP address(es) of the ENUM signalling endpoint(s) from which your queries will be issued here

## D. Configure ENUM

```
SBC# config t
SBC(configure)# session-router
SBC(session-router)# enum-config
SBC(enum-config)# name opencnam
SBC(enum-config)# top-level-domain opencnam.com
SBC(enum-config)# realm-id egress
SBC(enum-config)# enum-servers "34.194.142.97, 34.198.193.41, 52.207.136.201, 18.208.10.2"
SBC(enum-config)# service-type E2U+pstndata:cnam
SBC(enum-config)# health-query-number +15551234567
SBC(enum-config)# health-query-interval 300
SBC(enum-config)# done
```

## E. Configure the sip-profile

```
SBC(session-router)# sip-profile
SBC(sip-profile)# name opencnam
SBC(sip-profile)# cnam-lookup-server opencnam
SBC(sip-profile)# cnam-lookup-dir ingress
SBC(sip-profile)# done
Apply sip-profile (can be applied at realm, sip-interface or session-agent level)
```

## F. Session Agent

```
SBC# config t
SBC(configure)# session-router
SBC(session-router)# session-agent
SBC(session-agent)# select
<hostname>:
1: exampleSA realm=access ip=1.1.1.1
selection: 1
SBC(session-agent)# sip-profile opencname
SBC(session-agent)# done
```

## G. Realm

```
SBC(configure)# media-manager
SBC(media-manager)# realm-config
SBC(realm-config)# select
identifier:
1: access   sOp0:0 0.0.0.0
selection: 1
SBC(realm-config)# sip-profile openenam
SBC(realm-config)# done
```

## H. SIP Interface

```
SBC# config t
SBC(configure)# session-router
SBC(session-router)# sip-interface
SBC(sip-interface)# sel
<RealmID>:
1: access   1.1.10.50:5060
selection: 1
SBC(sip-interface)# sip-profile openenam
SBC(sip-interface)# done
```

## I. Save the configuration

```
SBC# save-config
checking configuration
-----
Results of config verification:
  0 configuration errors
  0 configuration warning
-----
Save-Config received, processing.
waiting for request to finish
Request to 'SAVE-CONFIG' has Finished,
Save complete
Currently active and saved configurations do not match!
To sync & activate, run 'activate-config' or 'reboot activate'.
```

## J. Activate the configuration

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```
SBC# activate-config
Activate-Config received, processing.
waiting for request to finish
Request to 'ACTIVATE-CONFIG' has Finished,
Activate Complete
SBC#
```

## K. Verify the ENUM server

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```
SBC# show enum status
Showing 1 Enum Agents: state=Active
Enum Agent: opencnam servers:
    1=[1:0]1.1.1.1:53 OK
    2=[1:0]2.2.2.2:53 OK
SBC#
```

## F. Support / Assistance

Our team can be reached in any of the following ways:

Phone: +1-888-315-8356 (TELO) or +1-678-631-8356 (TELO)

Email: [support@opencnam.com](mailto:support@opencnam.com)