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Oracle SBC Configuration Template Outline
for a Generic Deployment

Technical Application Note

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Contents

1   Revision History

Version	Date Revised	Description of Changes
1.1	5/05/2021	Initial publication

2   Intended Audience

This document is intended for use by Oracle Systems Engineers, third party Systems Integrators, Oracle Enterprise customers, partners and end users of the Oracle Enterprise Session Border Controller (SBC).

Please note, applying a configuration to the SBC via the Configuration Assistant will overwrite any existing configuration currently applied to the SBC. We highly recommend this only be used for initial setup of the SBC. This feature is not recommended to be used to make changes to existing configurations.

3   Introduction

When you first log on to the E-SBC, the system requires you to set the configuration parameters necessary for basic operation. To help you set the initial configuration with minimal effort, the E-SBC provides the Configuration Assistant. The Configuration Assistant, which you can run from the Web GUI or the Acme Command Line Interface (ACLI), asks you questions and uses your answers to set parameters for managing and securing call traffic. You can use the Configuration Assistant for the initial set up to make to the basic configuration. See "Configuration Assistant Operations" in the Web GUI User Guide and "Configuration Assistant Workflow and Checklist" in the ACLI Configuration Guide

4   Related Documentation

4.1.1   Oracle SBC

- Oracle® Enterprise Session Border Controller Web GUI User Guide

- Oracle® Enterprise Session Border Controller ACLI Configuration Guide

- Oracle® Enterprise Session Border Controller Release Notes

- https://docs.oracle.com/cd/F12246_01/doc/sbc_scz830_security.pdf

4.1.2   App Notes

App notes are available in our partner page.

- https://www.oracle.com/technical-resources/documentation/acme-packet.html

This template is designed for generic Oracle SBC configuration and can be used with all application and SIP Trunks.

5   Validated Oracle Versions

This template can be used for Oracle SBC version SCZ840p5 onwards.

These software releases with the configuration listed below can run on any of the following products:

- AP 1100
- AP 3900
- AP 4600
- AP 6350
- AP 6300
- VME

6   Configuring the SBC using Generic Template

The following outline assumes you have established initial access to the SBC via console and completed the following steps:
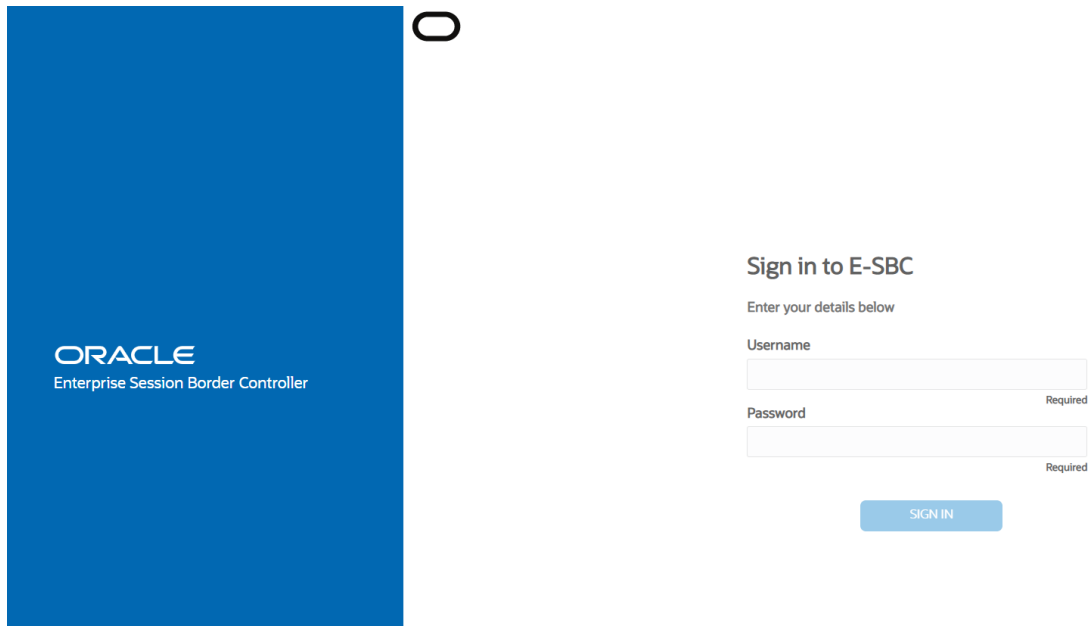
- Configured boot parameters for management access
- Setup Product
- Set Entitlements
- Configured HTTP-Server to establish access to SBC GUI

6.1.1   Loading the template on to the SBC using File transfer tools

The template downloaded for our partner's page is in .gz(zipped) format.
This file can be loaded to /code/configAssistant/templates folder of the SBC using WinSCP or any file transfer software.

6.1.2 Using the Generic.gz template

The WebGUI can be accessed through the url https://<SBC_MGMT_IP>. The username and password is the same as that of CLI.

Once you login , you will see the Configure Assistant- Select Deployment screen as shown
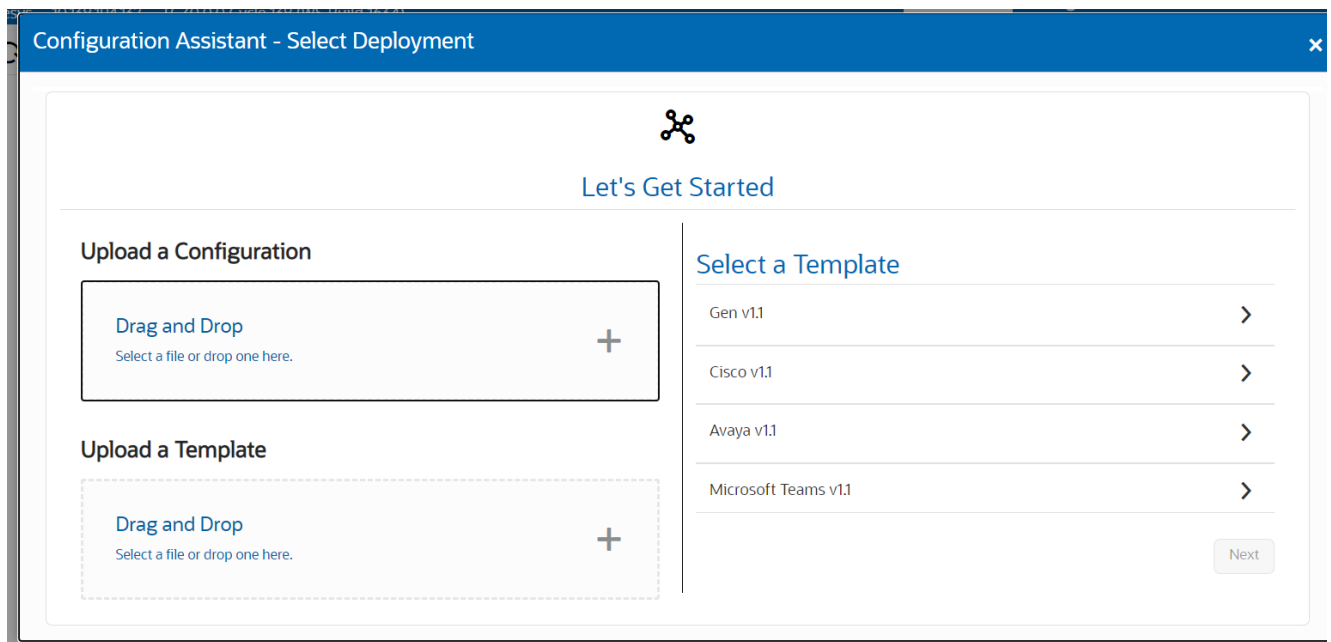
If you have already uploaded your template, then you can select Generic template as shown.
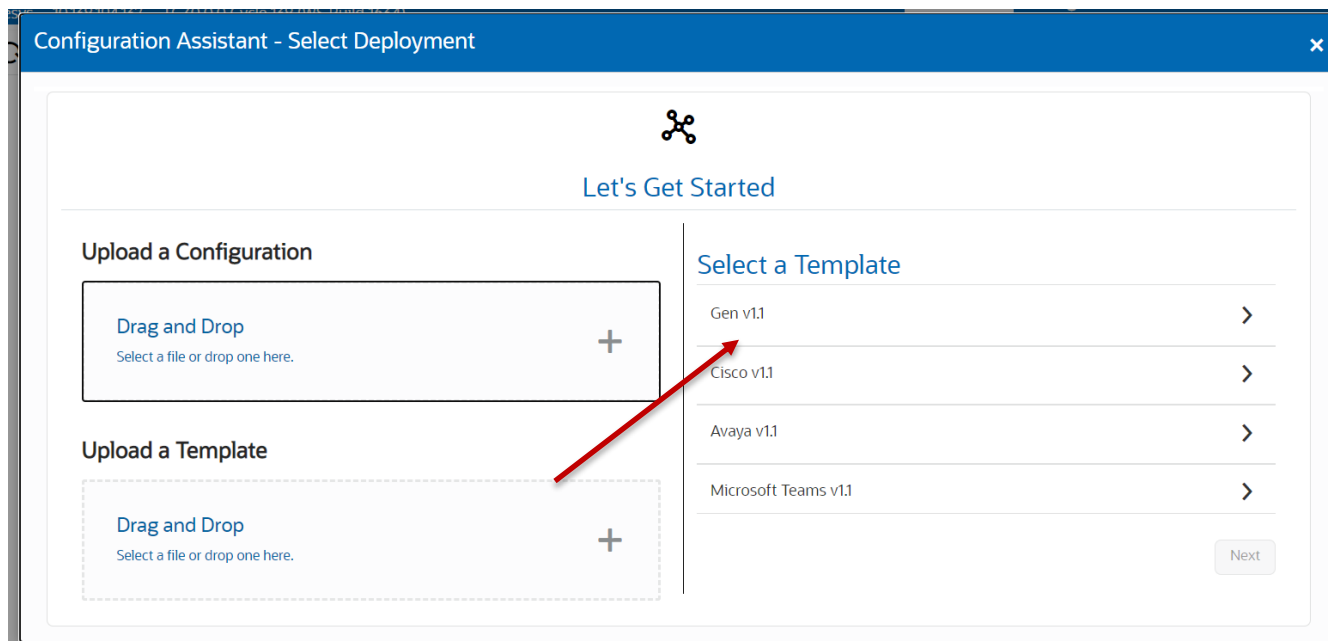
The Generic template can also be uploaded directly to the SBC,by clicking on the upload a template option .
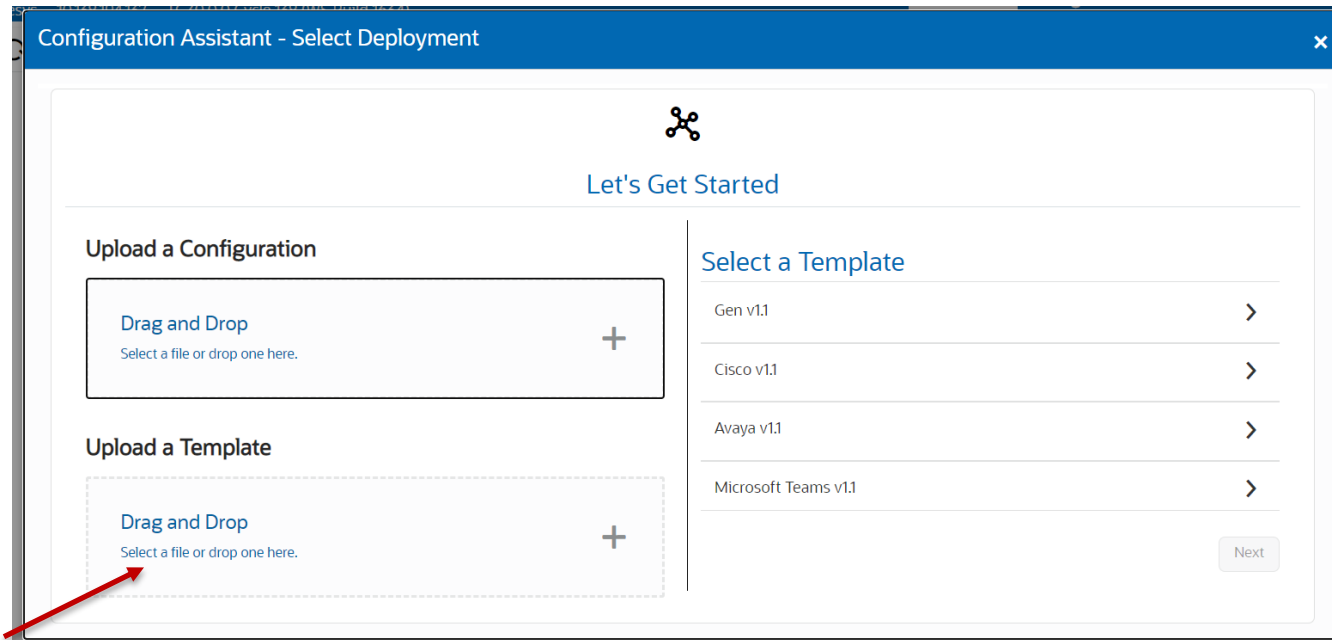
Note: The template is version controlled and has a version number next to the template name. Please specify this version while reporting issues.

6.1.3   Step-by step instruction to configure template

- Click on the template.

  A brief description of the template appears.
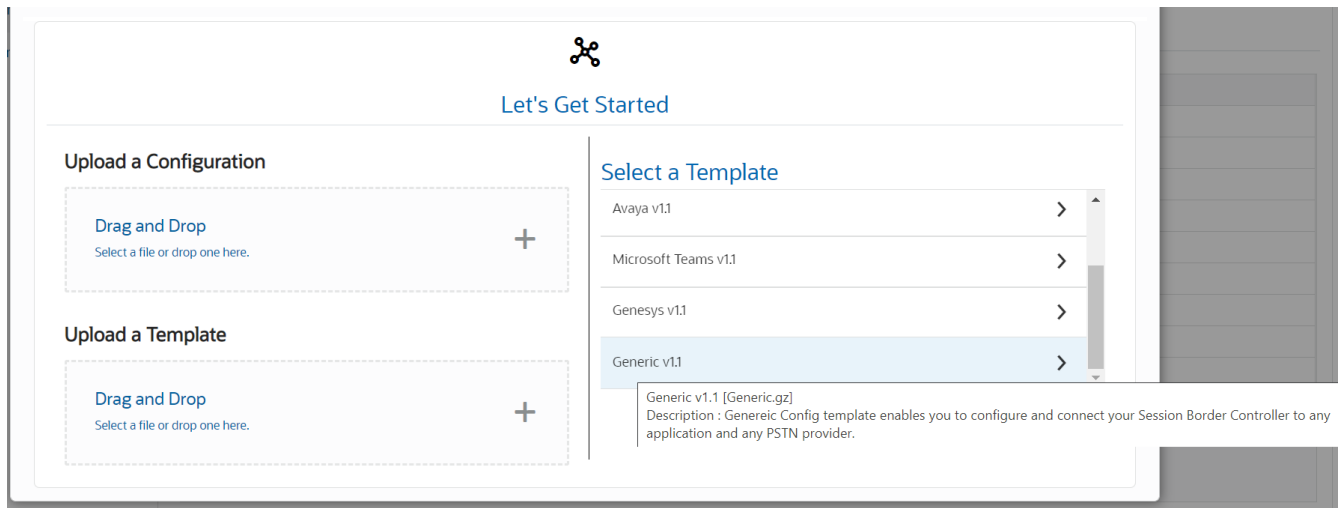
- A notes section appears with Prerequisites and a Warning. Since it is a new setup you can ignore the warning. Read it carefully and make changes if required.
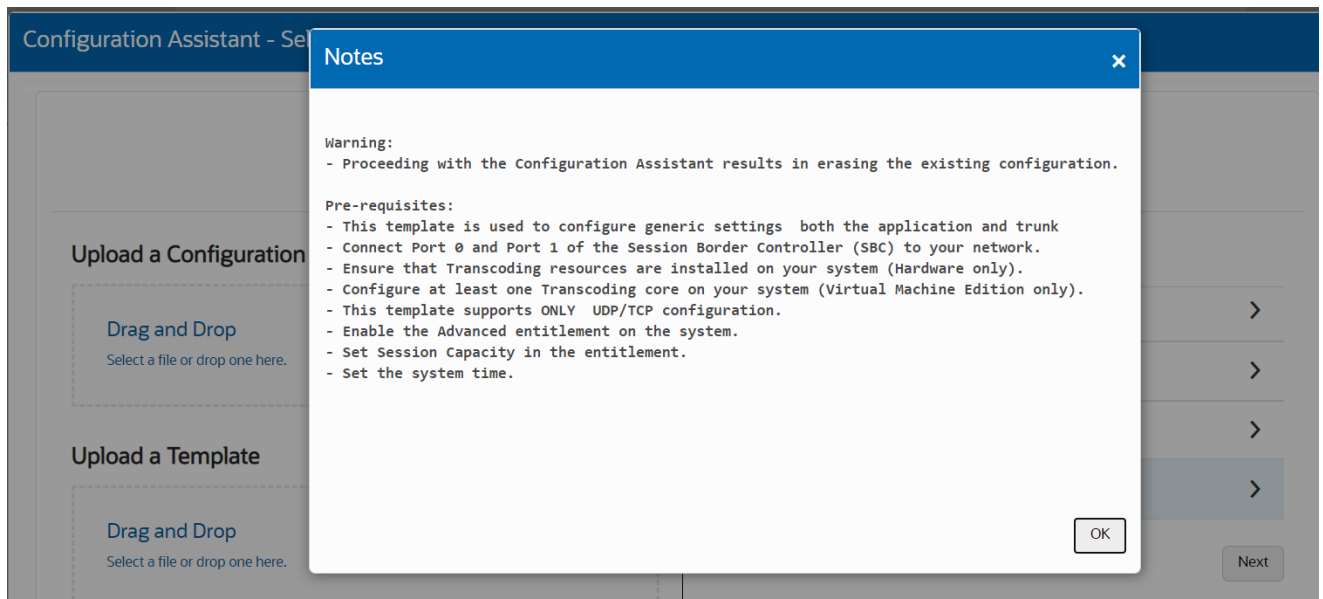
- On clicking next , the page to configure   interface that communicates with PBX appears.

Tip: Always use the ? to know more

Here are some sample screenshots of the page.

Configuration Assistant - Configure your PBX here ✕

< Back | ① | ② | ③ | ④ | Next >
Configure your PBX here | PSTN Network | Transcoding | Additional Configuration

Let's configure the interface that communicates with your PBX

Slot Number ⌄
Slot 0 ▼
Required

Network IP Address ⑦
172.18.0.139
Required

Network IP subnet mask ⑦
255.255.0.0
Required

Network Gateway IP Address ⑦
172.18.0.1

Configuration Assistant - Configure your PBX here ✕

< Back | ① | ② | ③ | ④ | Next >
Configure your PBX here | PSTN Network | Transcoding | Additional Configuration

Let's configure the interface that communicates with your PBX

Network IP subnet mask ⑦
255.255.0.0
Required

Network Gateway IP Address ⑦
172.18.0.1
Required

Primary DNS server IP Address ⑦
8.8.8.8

DNS Domain ⑦
8.8.8.9

Note:Once the mandatory parameters are filled in a page, a green tick appears on the top .There is also an option to skip a page and go to the next.

- On clicking next , the page to configure   interface that communicates with PSTN appears.

Here are some sample screenshots of the page.

Configuration Assistant - PSTN Network

Let's configure the interface that communicates with the PSTN

Slot Number
Slot 0

Network IP address
141.146.36.100

Network IP subnet mask
255.255.255.192

- On clicking next , the page to configure transcoding on SBC appears.

1. You can enable or disable the configuration by clicking Yes or No
2. If you do not wish to configure transcoding click on Next.

Configuration Assistant - Transcoding

Let's configure transcoding

Do you want to enable transcoding on the SBC?   No   Yes

- Clicking next takes you to the next page where session agent capabilities can be configured

- Once review is clicked ,a brief summary of the configuration appears, where user can scroll down to check the whole configuration

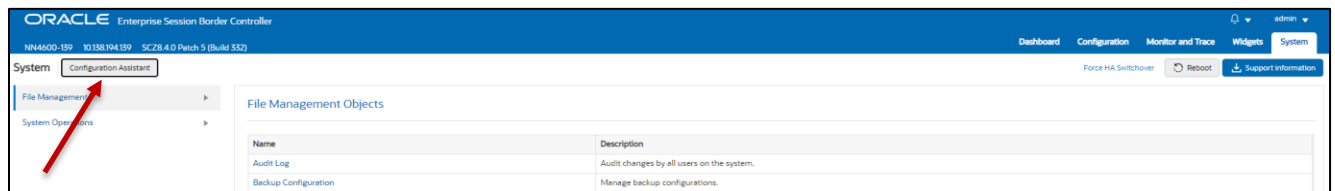*Note: User can edit the entire configuration by clicking on the Edit button.*
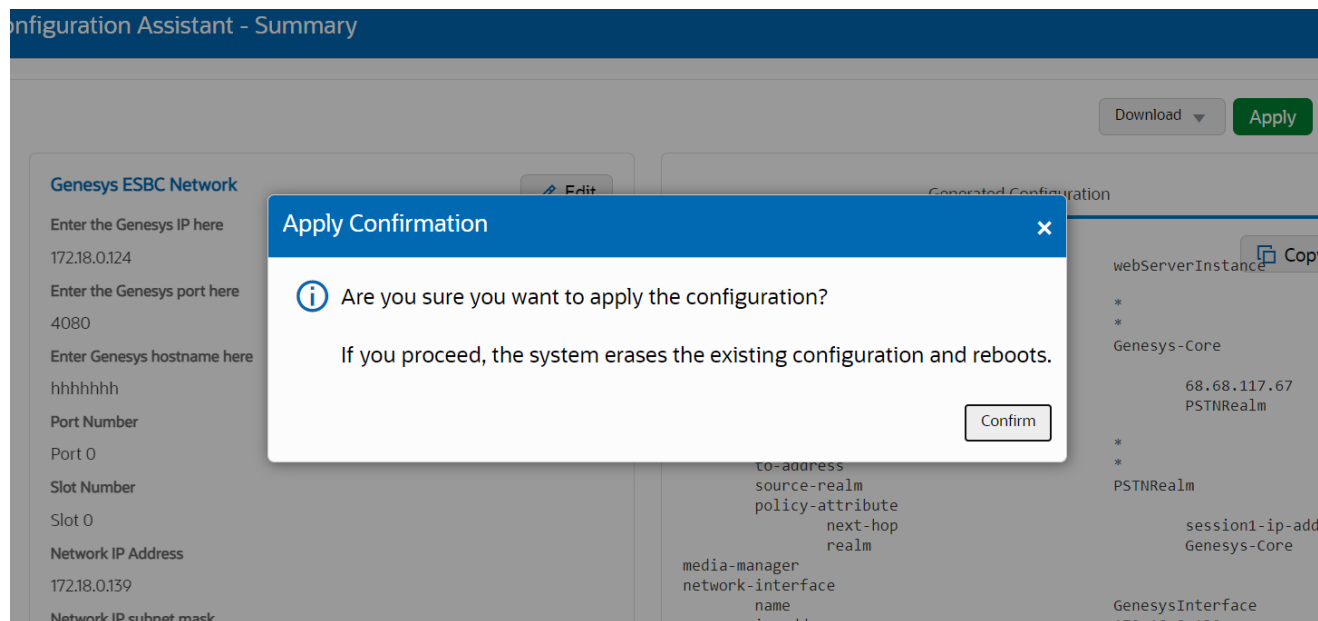
- On clicking the apply button a message to confirm the configuration appears.

Note: Once the Confirm button is selected, the SBC goes for a reboot and comes up with the above configuration.

6.1.4 Configuration Assistant Access

Upon initial login, if the Configuration Assistant Template does not immediately appear on the screen, you can access by clicking on the "*SYSTEM*" tab, top right of your screen.

Next, click on the "*Configuration Assistant*" tab, top left.
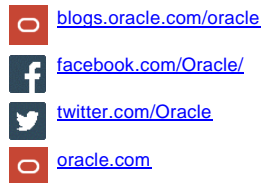
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