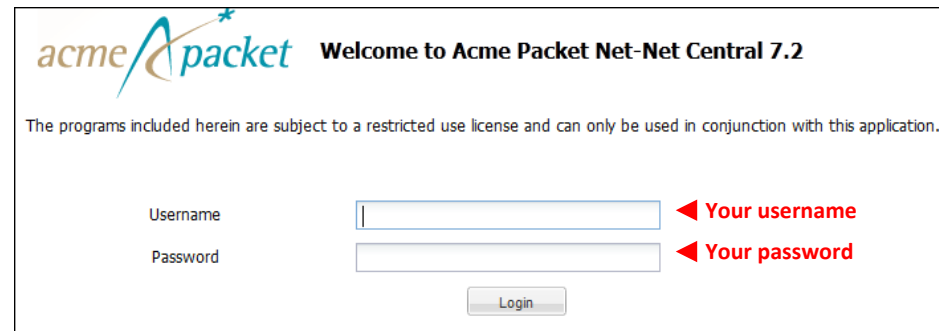# Oracle® Communications Enterprise Trunk Manager Quick Start Guide *Full Mode*

Oracle Communications Enterprise Trunk manager is a management application enabled by the Oracle Communications Session Delivery Management suite that is used by service providers to automatically configure SIP trunks for their enterprise customers. Trunk manager is an easy-to-use graphical application that is web browser accessible the Session Delivery Management suite. Its main purpose is to simplify the configuration of both the service provider and enterprise Session Border Controllers (SBCs) on both ends of a SIP trunk.

Requirements

- Net-Net Central and SBC(s) installed and running in your network
- Trunk Manager application license enabled on Net-Net Central
- Group(s) and User(s) defined in Net-Net Central

q Login to Net-Net Central

acme packet Welcome to Acme Packet Net-Net Central 7.2

The programs included herein are subject to a restricted use license and can only be used in conjunction with this application.

Username ◄ Your username
Password ◄ Your password

Login

Using a browser, start Net-Net Central using either the HTTP or HTTPS login:

http://<NNC server IP address>:8080
https://<NNC server IP address>:8443 (self-signed certificates)
https://<domain name>:8443 (third-party X.509 certificates)

Note: If you have an SBC with an established SIP Trunk, you can skip Step 2 and proceed to Step 3.

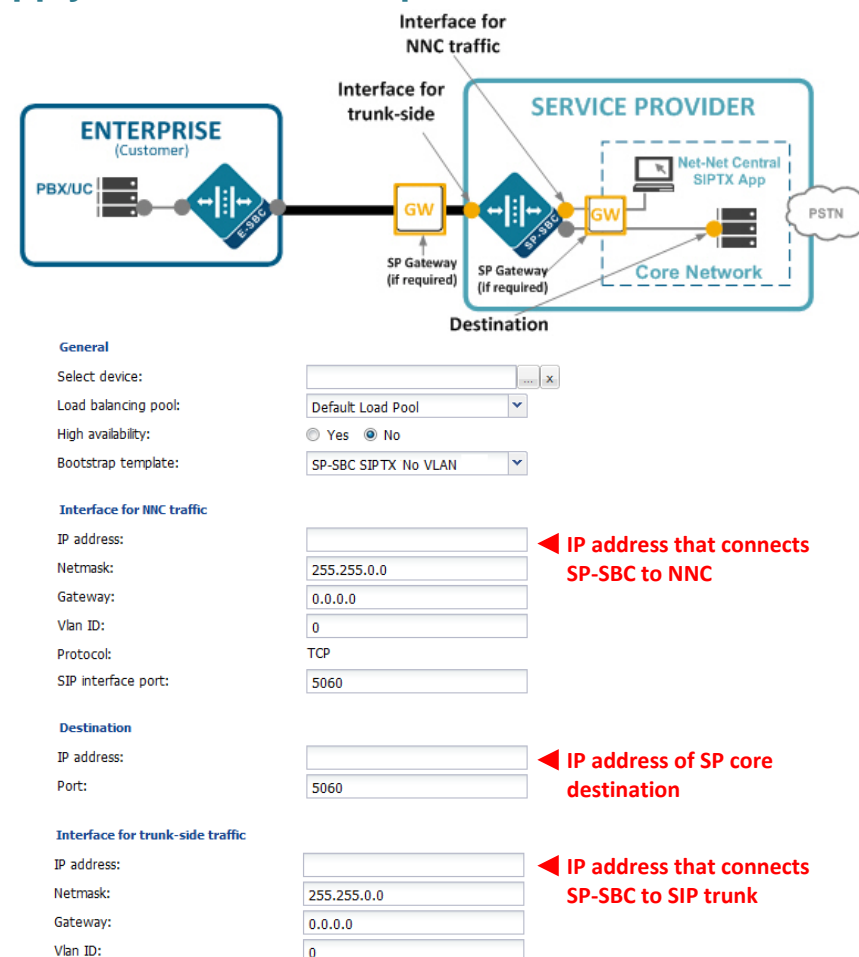## w Add Service Provider SBC (SP-SBC) and apply SP-SBC bootstrap file

Add SP-SBC device

- Click **Trunk Manager->Devices**.
- Click "**Service provider devices**" tab.
- Click Add .
- Enter applicable values for "IP address" for NNC traffic, "IP address" for Destination, and "IP address" for trunk-side traffic fields.
- Click OK .

Download and apply SP-SBC bootstrap file

- Select the SP-SBC and click Push to device .

  Caution: Any previous SP-SBC configuration may be lost or become unusable. Acme Packet recommends you make a backup of your existing configuration before proceeding.

- Use the ACLI to apply the SP-SBC bootstrap file.
  — Login to the SP-SBC and enter your User ID and Password.
  — Enter "**load-bootstrap**" and press <**Enter**>.
  — Follow the on-screen prompts to complete the bootstrap application process.

  Note: To load a bootstrap file from a remote location, see the *Net-Net SIP Trunk Xpress Guide for Service Providers* for more information.

General
Select device:
Load balancing pool: Default Load Pool
High availability: ○ Yes ● No
Bootstrap template: SP-SBC SIPTX No VLAN

Interface for NNC traffic
IP address: ◄ IP address that connects SP-SBC to NNC
Netmask: 255.255.0.0
Gateway: 0.0.0.0
Vlan ID: 0
Protocol: TCP
SIP interface port: 5060

Destination
IP address: ◄ IP address of SP core destination
Port: 5060

Interface for trunk-side traffic
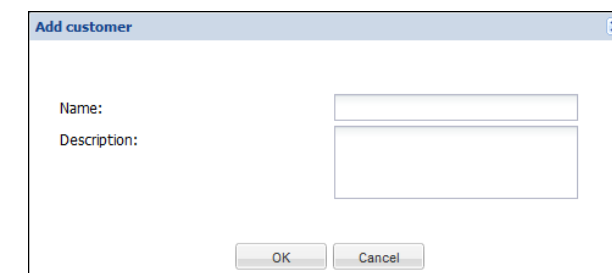IP address: ◄ IP address that connects SP-SBC to SIP trunk
Netmask: 255.255.0.0
Gateway: 0.0.0.0
Vlan ID: 0

e Add a Customer SBC (E-SBC)
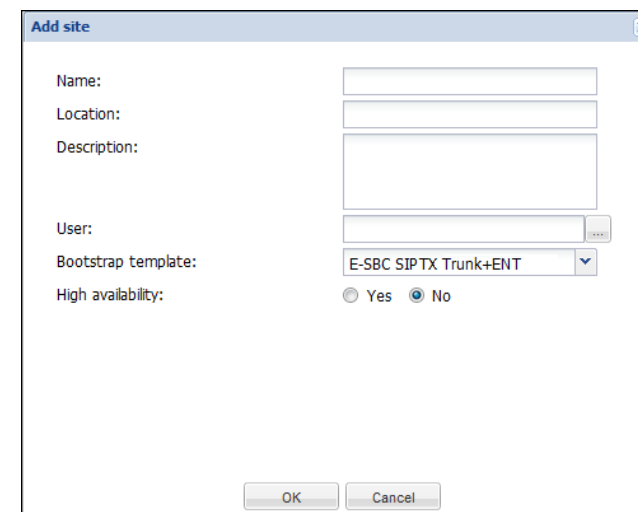
Add Customer

- Click **Trunk Manager->Customers.**
- Click Add customer .

Add customer
Name: ◄ Customer Name
Description: ◄ Customer Description (optional)

OK   Cancel

Add Site

- Click Add site .

Add site
Name: ◄ E-SBC Name
Location: ◄ Location of E-SBC (optional)
Description: ◄ E-SBC Description (optional)

User: ◄ Select a User
Bootstrap template: E-SBC SIPTX Trunk+ENT ◄ Select Customer bootstrap template
High availability: ○ Yes ● No

OK   Cancel

r Add a SIP trunk

a Trunk Name

Name: ◄ Trunk name

Maximum sessions: ◄ How many sessions allowed?

Who is going to configure customer core interface?

○ Service provider ○ Customer ◄ Who will configure the E-SBC?

If you select Service Provider, go to Step 4b.
If you select Customer, go to Step 4c.

Note: Selecting "Customer" allows the Customer site to configure their E-SBC using the Net-Net SIP Trunk Xpress Customer Portal.

b Customer Core Interface

*Physical Slot ID:	1
*Physical Port ID:	0
*Network Interface Hostname:	◄ E-SBC name
*Network Interface IP Address:	◄ Network Interface IP Address for E-SBC
*Network Interface VLAN:	0
*Network Interface Netmask:	255.255.0.0
*Network Interface Gateway Address:	0.0.0.0
*SIP Interface Port:	5060
*Session Agent Address:	◄ Session Agent IP Address
*Media Start Port:	49152
*Media End Port:	50152

c Customer SBC Trunk Interface

IP address:	◄ IP address that connects E-SBC to SIP trunk
Netmask:	255.255.0.0
Gateway:	0.0.0.0
SIP protocol:	TCP
SIP Port:	5060
Media start port:	49152
Media end port:	50152
Vlan ID:	0
Interop file:	

d Select Service Provider SBC or Load Balance Pool

Name	Auto-Config status	High availability
▷ 📁 Default Load Pool		◄ Select a pool or device
▷ 📁 LP1		Yes

e Service Provider SBC Trunk Interface

IP address:	◄ IP Address that connects SP-SBC to SIP trunk
SIP protocol:	TCP
SIP Port:	5060
Media start port:	49152
Media end port:	50152

f Service Provider SBC Core Interface

IP address:	◄ IP address on SP-SBC for core traffic
SIP Port:	5060
Media start port:	49152
Media end port:	50152

Click **Finish**.

t Download & apply E-SBC bootstrap file

- Click **Trunk Manager->Customers**.
- Select the site (E-SBC) you added in Step 3.
- Click **Push to site**.

  Caution: Any previous E-SBC configuration may be lost or become unusable. Acme Packet recommends you make a backup of the existing configuration before proceeding.

- Use the ACLI to apply the E-SBC bootstrap file.
  — Login to the E-SBC and enter your User ID and Password.
  — Enter "**load-bootstrap**" and press <**Enter**>.
  — Follow the on-screen prompts to complete the bootstrap application process.

  Note: To load a bootstrap file from a remote location, see the *Net-Net SIP Trunk Xpress Guide for Service Providers* for more information.