1 Required Steps to Install Cisco BCS Verified Designs

Step 1 Use Cisco IPC Express QCT to enter the information listed on this card.
Step 2 Continue the installation by creating subinterfaces for data and voice, a DHCP IP addressing pool, and separate VLANs for data and voice using CLI.
Step 3 Add security to the voice network using Cisco Security Device Manager.

2 Cisco BCS Verified Designs System Parameters

Before installing and configuring the Cisco Business Communications Solution Verified Designs, you need to note the information listed on this card. You can get this information from your network administrator. Look at the back of this card for an illustration of a sample configuration using Cisco IPC Express Quick Configuration Tool (QCT). This configuration includes some of the numbered items listed here so you can see how they work together. Other configurations would use different combinations of this information.

Follow the steps in the document Installing Cisco Business Communications Solution Verified Design to install and configure Cisco BCS Verified Designs.

Common Information

Record the following information for a group of phones here:

- DHCP network IP address:
- DHCP network mask:
- DHCP excluded address (from):
- DHCP excluded address (to):
- CME router IP address:
- CME router subnet:

Individual Information

Record the following information for each phone (use additional sheets):

- Type of IP phone:
- MAC address of the phone:

Voicemail Parameters

Record the following voicemail parameters.

- Voicemail system type:
- Voicemail access number:
- Voicemail timeout:
- Message Waiting Indicator (MWI) On number:
- Message Waiting Indicator (MWI) Off number:

Typical or Custom

Record whether the system configuration will be a keysystem or PBX. If you need to configure extensions for inside calls, as well as outside PSTN calls, choose PBX. For outside PSTN calls only, choose Keysystem. To customize IP addressing, choose custom.

- Typical or Custom:

DHCP Address Information

Assigns IP addresses to all IP phones.

Advanced Features

Record the following information for advanced features.

- Number of paging groups:
- Paging group extension numbers:
- Intercom:
- Number of park slots:
- Park slot extension numbers:
- Number of hunt groups:
- Hunt timeout:
- Hunt group pilot number:
- Hunt type:
- Forward to VMI:
- Caller ID block code:

Phone Setup Information

First, check with your network administrator, then record the following information for the phones. The maximum number of phones is platform- and version-dependent.

- Dual-line:
- First extension number for IP phones:
- Full e.164 phone number of first phone if using DID:
- IP address of router where phones are connected to:

Individual Information

Record the following information for each phone (use additional sheets):

- Dual-line?
- First extension number for IP phones:
- Full e.164 phone number of first phone if using DID:
- IP address of router where phones are connected to:
Additional Information

For more information about the requirements listed in this card, refer to the following publications:

- Installing Cisco Business Communications Solution Verified Designs
- Cisco CallManager Express Systems Administrator’s Guide