Inserting Gateways

Use the following topics to insert gateways into Cisco Unified CallManager database:

Creating CSV Data Files for Cisco VG200 Gateways

You can use the BAT spreadsheet to create a CSV data file for VG200 gateways and ports. See the following section:

You can use a text editor to create a text file in CSV format for VG200 gateways and ports. See the following section:

Using the BAT Spreadsheet for CSV Data Files for Cisco VG200 T1 CAS, T1 PRI, E1 PRI, FXS, or FXO Gateways and Ports

Use the BAT spreadsheet to create the CSV data file that contains the details, such as domain name, MGCP description, and port identifier, for individual T1 CAS, T1 PRI, E1 PRI, FXS or FXO ports.

For information about installing and using the BAT spreadsheet, see the "Using the BAT Spreadsheet for Gathering Data" section on page 1-8.

To create a text-based CSV data file for VG200 gateways, see the "T1 CAS, T1 PRI, or E1 PRI Trunks File Format" section on page A-14 for information and examples.

To create a text-based CSV data file for VG200 gateways, see the "FXO or FXS Trunks CSV File Format" section on page A-14 for information and examples.

Procedure

Step 1 To open the BAT spreadsheet, locate and double-click **BAT.xlt** file

Step 2 When prompted, click **Enable Macros** to use the spreadsheet capabilities.

Step 3 Click the **VG200 T1-Pri T1-Cas E1-Pri FXSFXO** tab.

Step 4 For T1 CAS endpoints only, scroll to the right until you see the Number of Port Identifiers field. Enter the number of port identifiers that you want to add for each Cisco VG200 gateway. If you want only one port identifier, skip this step.

Step 5 In each row, provide the information for the following fields:

- **MGCP Domain Name**—Enter a name, from 1 to 64 characters that identifies the gateway. Use the Domain Name System (DNS) host name if it is configured to resolve correctly; otherwise, use the host name as defined on the Cisco MGCP gateway.

  The host name must match exactly the host name that is configured on the Cisco IOS gateway. For example, if the host name is configured on the gateway to resolve to vg200-1 and the IP domain name is not configured, enter the host name in this field (in this case, vg200-1). If the host name is configured on the gateway as vg200-1 and the IP domain name is configured on the gateway as cisco.com, enter vg200-1.cisco.com in this field.
- **MGCP Description**—Enter a description, up to 100 characters for the gateway. Use a specific description that helps you locate the gateway.
- **Port Description**—Enter a description for port 1, up to 50 characters. Use a description to help identify the port in a list of ports. This applies to the description field for port 2 through port 4.
- **Port Directory Number**—Enter the directory number, up to 24 numerals and special characters, for this port. This applies to the directory number field for port 2 through port 4.

Note Port 1 Directory Number and Partition fields are required for FXS ports only. For FXO ports, leave these fields blank.

- **Slot—**Enter the slot number that you are trying to configure. For VG200, it is always 1.
- **Subunit—**Enter an integer for the subunit value
- **Port Number**—Enter an integer for the Port Number.

Note For T1 CAS only, the ports that you specify here must be the same ports that you specified in the VG200 template. In the CSV data file, you can specify none, some, or all ports that were configured in the template. Do not configure any ports in the CSV data file that were not also configured in the template, or an error will result when you attempt to insert the BAT VG200 template and the CSV file.

For example, if you configured ports 1,2,3, and 4 in the template, you could configure none of the ports, or ports 1, 2, 3, and 4, or only ports 1 and 2 in the CSV file, and the insertion would be accepted. But if you configured ports 5 and 6 in the CSV file when they are not configured in the template, you will receive an insertion error in BAT.

Step 6 To transfer the data from the BAT Excel spreadsheet into a CSV file, click **Export to BAT Format**.

The system saves the file to C:\XLSDataFiles (or to your choice of another existing folder) as VG200Gateways#timestamp.txt

where “timestamp” represents the precise date and time that the file was created.

Tip If you enter a comma in one of the fields, BAT.xlt encloses that field entry in double quotes when you export to BAT format.

If you enter a blank row in the spreadsheet, the system treats the empty row as the end of the file. Data that is entered after a blank line does not get converted to the BAT format.

You must upload the CSV data file to the first node of the Cisco Unified CallManager server, so BAT can access the data input file. For more information, see “Uploading and Downloading Files” section on page 2-1.

Note For information on how to read the exported CSV data file, click the link to **View Sample File** in the Insert Gateways window in BAT.

Additional Information

See the “Related Topics” section on page 44-5.

Creating the CSV Data File for Cisco Catalyst 6000 (FXS) Ports

To create the CSV data file that contains the details for each individual Cisco Catalyst 6000 (FXS) port, such as directory number, description of port, use the BAT spreadsheet.

For information about installing and using the BAT spreadsheet, see the “Using the BAT Spreadsheet for Gathering Data” section on page 1-8.

To create a text-based CSV data file for Catalyst 6000 (FXS) ports, see the “Creating a Text-Based CSV File for Cisco Catalyst 6000 FXS Ports” section on page A-15 for information and examples.

Procedure

Step 1 To open the BAT Spreadsheet, locate and double-click **BAT.xlt** file.

Step 2 When prompted, click **Enable Macros** to use the spreadsheet capabilities.

Step 3 Click the **Catalyst 6000 (FXS) Ports** tab.

Step 4 Enter information for each port record in a row. Complete all mandatory fields and any relevant, optional fields. Each column heading specifies the length of the field.

- **MAC Address**—Enter the 12-character MAC address for the gateway.
- **Port Number**—Enter the numeric port number (1 through 24) that you want to add to the gateway.
- **Directory Number**—Enter a directory number, up to 24 numerals and special characters, for this port. You must enter a directory number if you have specified a partition.(Optional)
- **Partition**—Enter the route partition, up to 50 characters, to which you want this port to belong. Do not specify a partition unless you also have specified a directory number. (Optional)

Caution The system treats blank rows in the spreadsheet as End of File and discards subsequent records.

Step 5 To transfer the data from the BAT Excel spreadsheet into a CSV file, click **Export to BAT Format**.

The system saves the file to C:\XLSDataFiles\ (or to your choice of another existing folder).

You must upload the CSV data file to the first node of the Cisco Unified CallManager server, so BAT can access the data input file. For more information, see "Uploading and Downloading Files" section on page 2-1.

Note For information on how to read the exported CSV data file, click the link to **View Sample File** in the Insert Gateways window in BAT.

Additional Information

See the "Related Topics" section on page 44-5.

Inserting Gateways to Cisco Unified CallManager

To add Cisco gateways and ports to Cisco Unified CallManager, use this procedure.

Before You Begin

- If you want to insert a Cisco VG200 gateway, you must have a Cisco VG200 gateway template for the trunks or ports and a CSV data file for the VG200 gateway ports. See "Creating a Cisco VG200 Gateway Template" section on page 43-4 and "Creating CSV Data Files for Cisco VG200 Gateways" section on page 44-1.
- If you want to insert a Cisco Catalyst 6000 Ports, you must have a Cisco Catalyst 6000 Ports template and a CSV data file that contains port details for this bulk transaction. See "Creating a Cisco Catalyst 6000 (FXS) Gateway Template" section on page 43-8 and "Creating the CSV Data File for Cisco Catalyst 6000 (FXS) Ports" section on page 44-3.

Procedure

Step 1 Choose **Bulk Administration > Gateways > Insert Gateways**. The Select the Gateway window displays.

Step 2 Choose type of gateway you want to insert from the Gateway Type drop-down list box. The Insert Gateway Configuration window displays.

Step 3 In the File Name field drop-down list box, choose the name of the CSV data file that contains the Cisco VG200 gateway information to be added.

Step 4 In the Gateway Template Name field, choose the name of the VG200 or the FXS gateway template that you created for this type of bulk transaction.

Step 5 In the Job Information area, enter the Job description.

Step 6 Click the Run Immediately radio button to insert the gateway immediately or, click Run Later to insert at a later time.

Step 7 Click **Submit** to create a job for inserting the gateways.

Step 8 Use the Job Scheduler option in the Bulk Administration main menu to schedule and/or activate this job.

For more information on jobs, see the Chapter 51, "Scheduling Jobs."

For information on log files, see "BAT Log Files" section on page 54-3.

Additional Information

See the "Related Topics" section on page 44-5.

Related Topics

- Creating CSV Data Files for Cisco VG200 Gateways, page 44-1
- Creating the CSV Data File for Cisco Catalyst 6000 (FXS) Ports, page 44-3
- Inserting Gateways to Cisco Unified CallManager, page 44-4