Working with Gateways and Ports

You can use BAT to add or delete Cisco VG200 gateways and ports and to add, update, and delete Cisco Catalyst 6000 24 Port FXS analog interface modules.

Gateway models other than Cisco VG200 must be added in Cisco CallManager Administration. You can click **Configure > Gateways > Catalyst 6000 (FXS)** and then click the link to **Add Gateways** in the upper right corner. This takes you to the Add Gateways window in Cisco CallManager Administration.

Cisco VG200 Gateways and Ports

BAT allows you to bulk-add or bulk-delete Cisco VG200 gateways and ports.

Related Topics

- Adding Cisco VG200 Gateways and Ports, page 5-41
- Creating a Gateway Directory Number Template, page 5-59
- Deleting Cisco VG200 Gateways, page 5-48

Adding Cisco VG200 Gateways and Ports

You can use BAT to add Cisco VG200 gateways and their ports to the Cisco CallManager database in batches, rather than add each gateway and ports individually.

To add Cisco VG200 gateways to Cisco CallManager, you must perform the following steps:

- Create a VG200 Gateway Template to define common values for a set of gateways.
- Create a comma separated value (CSV) file to define individual values for each gateway you want to add.
- Insert gateways in the Cisco CallManager database (using BAT).

Related Topics

- Creating a Cisco VG200 Gateway Template, page 5-42
- Creating the CSV File for Adding VG200 Gateway, page 5-45
- Adding Cisco VG200 Gateways to Cisco CallManager, page 5-47
- Deleting Cisco VG200 Gateways, page 5-48

Creating a Cisco VG200 Gateway Template

The port template and comma separated values (CSV) file work together in bulk transactions. You can create a template that has the common settings for all the gateways to be added in that batch, such as the module in slot, type of endpoint identifier, and so on. BAT stores these templates, so they are reusable for other batches. You can configure a template with some attributes and use it for batches later.

The CSV file stores the details for each individual port, such as directory number, description of port, and partition. See Creating the CSV File for Adding VG200 Gateway, page 5-45, for more details about CSV files.

To create the Cisco VG200 template and then add endpoint identifiers, perform the following steps. If you have already created the template but did not add endpoint identifiers, skip to Updating the Endpoint Identifiers for Cisco VG200 Gateway, page 5-45.

Procedure

Step 1 Start BAT. (Refer to Starting BAT, page 1-7, for complete information about how to start BAT.)

Step 2 Click **Configure > Template > VG200 Gateway**.

The VG200 Gateway Template Configuration window displays.

Step 3 Enter values for the following fields:

- VG200 Gateway Template Name—Type a name for this BAT template, up to 50 alphanumeric characters. This name identifies the unique Cisco VG200 gateway template used only in BAT; for example, BAT VG200.
- Module in Slot 1—Select the type of module that is installed in slot 1: NM-1V or NM-2V.

Step 4 Click Insert.

The Status indicates the Insert completed, and a new field displays on the page.

In the VIC in SubUnit 0 field, select either FXS or FXO.

Step 5 Click Update.

The Status indicates the update completed, and the endpoint identifiers display on the page.

Step 6 Click the link for the endpoint identifier.

The Cisco VG200 Endpoint Configuration page displays with settings for the endpoints.

Step 7 Enter values for the following fields:

MGCP Member Information

- Port Type—The values that appear in this field depend on whether the gateway is FXS or FXO. For FXS, choose POTS. For FXO, choose Ground Start or Loop Start.
- Device Pool—The values that appear in this field were configured in Cisco CallManager Administration. Select the Device Pool to which this group of gateways/ports should belong.

  A Device Pool defines sets of common characteristics for devices, such as region, date/time group, Cisco CallManager group, and calling search space for auto-registration.
- Calling Search Space—This is an optional field. Select the calling search space to which this group of gateways/ports should belong.

  A calling search space specifies the collection of Route Partitions searched to determine how a dialed number should be routed.

- Location—This is an optional field. Select the Location to which this group of gateways/ports should belong.

  A Location indicates the remote location accessed using restricted bandwidth connections.

- Gateway Directory Number Template Name—This is an optional field when you are inserting FXO ports.

Port Information—FXS ports

- Prefix DN—This is an optional field. Specifies the prefix digits that are appended to the digits received on incoming calls.
- Num Digits—This field specifies the number of digits to collect, from 0 to 32. Significant digits are counted from the right (last digit) of the number called.
- Expected Digits—This field specifies the number of digits expected on the inbound side of the trunk. Use the default value (zero) if you are unsure.

Port Information—FXO ports

- Port Direction—This is an optional field. Specifies the direction of calls passing through this port.
- Attendant DN—Type the directory number to which you want incoming calls routed; for example, zero for an attendant.

Step 8 Click **Insert**.

Step 9 In the column on the left, click on the next endpoint in the list. You can tell which endpoints have not been configured because a small question mark symbol displays next to the port icon. Repeat Steps 7 and 8 for any additional endpoint identifiers.

Related Topics

- Creating the CSV File for Adding VG200 Gateway, page 5-45
- Adding Cisco VG200 Gateways to Cisco CallManager, page 5-47
- Deleting Cisco VG200 Gateways, page 5-48

Updating the Endpoint Identifiers for Cisco VG200 Gateway

If you already created the Cisco VG200 gateway template, but did not add the endpoint identifiers, you can use the following steps to complete the template.

Step 1 Start BAT. (Refer to Starting BAT, page 1-7, for complete information about how to start BAT.)

Step 2 Click **Configure > Template > VG200 Gateway**

Step 3 In the list of existing templates on the left, click the BAT template to which you want to add endpoint identifier attributes.

Step 4 In the Installed Voice Interface Cards area, select either FXO or FXS in the VIC in SubUnit 0.

Step 5 Refer to Step 5 in the "Creating a Cisco VG200 Gateway Template" section on page 5-42 for complete instructions.

Step 6 Repeat Steps 4 and 5 until all endpoint identifiers attributes are configured.

Creating the CSV File for Adding VG200 Gateway

BAT includes a Microsoft Excel file (BAT.xlt) that provides data file templates with macros and error checking and exports the values into CSV files for Cisco VG200 gateway. Each record on the CSV file contains information about a Cisco VG200 gateway and its ports. You can open this file by double-clicking BAT.xlt on the Publisher database server in the C:\CiscoWebs\BAT\ExcelTemplate folder. When prompted, be sure to enable macros.

The following example format shows the required field length and string types followed by an example of a CSV file for a Cisco VG200 gateway.

Once you have created the Cisco VG200 gateway template in BAT and the CSV file as described in this section, you can insert the Cisco VG200 gateways into the Cisco CallManager database. See Adding Cisco VG200 Gateways to Cisco CallManager, page 5-47, for more information.

MGCP Domain Name (String[64] MANDATORY),Description (String[100] OPTIONAL),Port 1 Description (String[50] OPTIONAL),Port 1 Directory Number (Integer[50] OPTIONAL),Port 1 Route Partition (String[50] OPTIONAL),Port 2 Description (String[50] OPTIONAL),Port 2 Directory Number (Integer[50] OPTIONAL),Port 2 Route Partition (String[50] OPTIONAL),Port 3 Description (String[50] OPTIONAL),Port 3 Directory Number (Integer[50] OPTIONAL),Port 3 Route Partition (String[50] OPTIONAL),Port 4 Description (String[50] OPTIONAL),Port 4 Directory Number (Integer[50] OPTIONAL),Port 4 Route Partition (String[50] OPTIONAL)

Example

MGCPTest,Gateway,Port Desc1,9725557154,Partition1,Port Desc2,9725557155,Partition1,Port Desc3,9725557156,Partition2,Port Desc4,9725557158,Partition3

The actual file does not contain field names. You must include comma separators even if a field is blank. Specify the directory number and route partition only if the port type in the Cisco VG200 gateway template is POTS.

Refer to the following examples and sample CSV records when creating CSV files.

Examples

If the Description for a Cisco VG200 gateway is blank, a sample record can be

MGCPTest,,Port Desc1,9725557154,Partition1,Port Desc2,9725557155,Partition2,Port Desc3,9725557156,Partition3,Port Desc4,9725557158,Partition4

If the Cisco VG200 gateway template has only Port 1 and Port 2 as POTS type, sample record can be

MGCPTest,,Port Desc1,9725557154,Partition1,Port Desc2,9725557155,Partition2,Port Desc3,,,Port Desc4,,

Related Topics

- Adding Cisco VG200 Gateways to Cisco CallManager, page 5-47
- Deleting Cisco VG200 Gateways, page 5-48

Adding Cisco VG200 Gateways to Cisco CallManager

Follow this procedure to add several Cisco VG200 gateways to Cisco CallManager.

Before You Begin

You must create a Cisco VG200 gateway template and CSV file before you add ports to Cisco CallManager. If you want to insert directory number details, you need to configure gateway directory number template.

Procedure

Step 1 Start BAT. (Refer to Starting BAT, page 1-7, for complete information about how to start BAT.)

Step 2 Click **Configure > Gateways > VG200**.

The Insert Gateways window displays.

Step 3 In the File Name field, select the name of the CSV file that contains the Cisco VG200 gateways and ports to be added.

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

Step 5 Click **Insert**.

A message displays indicating the number of records that can be inserted per minute. This information helps you evaluate whether Cisco CallManager performance might be degraded if you perform the bulk transaction.

Step 6 Click **OK** to start the transaction, or **Cancel** to cancel it.

Step 7 If you clicked **OK**, a Transaction Status window displays. When the transaction completes, the Transaction windows disappears and the Insert Gateways page displays the Status of the insert.

If the Status of the insert is anything other than Insert Completed, view the log file for transaction details. If the Status is Insert Completed, then the transaction was successful and you do not need to view the log file unless you're interested in statistical information.

Step 8 Click **View Log File**. The BAT application generates a log file indicating the number of records added and the number of records failed, including an error code.

Note Note: After the ports are added to Cisco CallManager, BAT generates a log file indicating the number of records added and the number of records failed, including an error code. For more information on log files, see Chapter 7, "Troubleshooting BAT and TAPS".

Related Topics

- Creating a Cisco VG200 Gateway Template, page 5-42
- Deleting Cisco VG200 Gateways, page 5-48

Deleting Cisco VG200 Gateways

You can delete all Cisco VG200 gateway records from the Cisco CallManager database using the following procedure.

Caution If you do not want to delete ALL Cisco VG200 gateways from the Cisco CallManager database, be sure to specify a query before clicking the Run button.

Procedure

To delete all Cisco VG200 gateways, perform the following procedure:

Step 1 Start BAT. (Refer to Starting BAT, page 1-7, for complete information about how to start BAT.)

Step 2 Click **Configure > Gateways > VG200.**

Step 3 Click the **Delete VG200 Gateways** link.

The Delete Gateways page displays.

Step 4 From the drop-down list box, select the field you want to search, such as MGCP Domain Name or Description.

Step 5 From the drop-down list box, select the search criteria, such as begins with, contains, is empty, and so on.

Step 6 In the search field, enter the value you want to locate, such as a specific MAC address or phone model.

Step 7 Click **Add to Query** to add the defined filter to the query.

Caution This action deletes all Cisco VG200 records if no information is entered into the query text box.

Step 8 Click **AND** or **OR** to add multiple filters to the query.

Step 9 Click View Query Results to verify the records that are going to be deleted.

Note After the Cisco VG200 gateways are deleted from Cisco CallManager, BAT generates a log file indicating the number of records deleted and the number of records failed, including an error code. For more information on log files, see Chapter 7, "Troubleshooting BAT and TAPS".

Step 10 Click **Run** to delete the records.

Related Topics

- Creating a Cisco VG200 Gateway Template, page 5-42
- Creating the CSV File for Adding VG200 Gateway, page 5-45
- Updating the Endpoint Identifiers for Cisco VG200 Gateway, page 5-45

Cisco Catalyst 6000 24 Port FXS Analog Interface Module Ports

BAT allows you to bulk-add, bulk-update, and bulk-delete ports on Cisco Catalyst 6000 24 Port FXS analog interface module gateways.

Related Topics

- Adding or Updating Ports to Cisco Catalyst 6000 24 Port FXS Analog Interface Module Gateways, page 5-50

- Deleting All Ports for Cisco Catalyst 6000 24 Port FXS Analog Interface Module Gateway, page 5-58
- Creating a Gateway Directory Number Template, page 5-59

Adding or Updating Ports to Cisco Catalyst 6000 24 Port FXS Analog Interface Module Gateways

You can use BAT to add or update ports of Cisco Catalyst 6000 24 Port FXS analog interface modules to the Cisco CallManager database in batches, rather than add each port individually. You can even add or update ports for more than one gateways in one batch.

To add or update ports to Cisco CallManager, you must perform the following steps:

- Create a Catalyst 6000 (FXS) Ports BAT template to define common values for a set of ports.
- (This is optional for adding ports, but required for adding directory number details to ports.) Create a Gateway Directory Number BAT template.
- Create a comma separated values (CSV) file to define individual values for each port you want to add.

Note BAT does not add Cisco Catalyst 6000 24 Port FXS analog interface module gateways. You need to add gateways using Cisco CallManager Administration and then use BAT to bulk-add or bulk-update ports for these gateways.

Related Topics

- Creating a Cisco Catalyst 6000 (FXS) Ports Template, page 5-51
- Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53
- Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53
- Adding Cisco Catalyst 6000 (FXS) Ports to Cisco CallManager, page 5-55
- Updating Cisco Catalyst 6000 24 Port FXS Analog Interface Module Ports in Cisco CallManager, page 5-56
- Deleting All Ports for Cisco Catalyst 6000 24 Port FXS Analog Interface Module Gateway, page 5-58

Creating a Cisco Catalyst 6000 (FXS) Ports Template

The port template and comma separated values (CSV) files work together in bulk transactions. You can create a template that has the common analog details for all the ports in that batch, such as the Port Direction, Port Level, and so on. The system stores these templates, so they are reusable for other batches.

The CSV file stores the details for each individual port, such as its gateway MAC address, Port Number (which you add in this section), Directory Number for this Port, and its Partition. See Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53, for more details about CSV files.

Procedure

Perform the following steps to create a Cisco Catalyst 6000 FXS Ports template. You must complete all fields unless otherwise noted.

Step 1 Start BAT. (Refer to Starting BAT, page 1-7, for complete information about how to start BAT.)

Step 2 Click **Configure > Template > Catalyst 6000 (FXS) Ports**.

The Catalyst 6000 (FXS) Ports Template Configuration window displays.

Step 3 In the Catalyst 6000 (FXS) Ports Template Name field, type a name for the template, up to 50 alphanumeric characters.

Step 4 In the Port Direction field, select the direction of calls passing through this port.

Step 5 In the Port Level field, select the gain of audio entering or leaving the span.

Step 6 In the Auto Signal Adjustment into IP Network field, select the gain or loss you want applied to the received audio signal.

Step 7 In the Auto Signal Adjustment from IP Network field, select the gain or loss you want applied to the transmitted audio signal.

Step 8 (Optional) In the Prefix DN field, specify the prefix digits to be appended to the digits received on incoming calls.

Step 9 In the Num Digits field, specify the number of digits to collect, from 0 to 32. Significant digits are counted from the right (last digit) of the number called.

Step 10 In the Expected Digits field, specify the number of digits expected on the inbound side of the trunk. Use zero if you are unsure

Step 11 In the Call Restart Timer field, specify the time that must pass after the far end disconnects and the near end is still off-hook before reorder tone plays. Default is 500ms.

Step 12 In the Offhook Validation Timer field, specify the time that must pass before Cisco CallManager recognizes a valid off-hook. Default is 100 ms.

Step 13 In the Onhook Validation Timer field, specify the time that must pass before Cisco CallManager recognizes a valid on-hook.

Step 14 In the HookFlash Timer field, specify the time that must pass after on-hook is recognized to go back off-hook and have it recognized as hook-flash and not disconnect.

Step 15 In the SMDI Port Number field, type the SMDI port number.

Step 16 Click **Insert**.

The system inserts the new template to the Cisco CallManager database.

Step 17 Create a CSV file. Go to Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53, for more information.

Related Topics

- Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53
- Adding Cisco Catalyst 6000 (FXS) Ports to Cisco CallManager, page 5-55
- Updating Cisco Catalyst 6000 24 Port FXS Analog Interface Module Ports in Cisco CallManager, page 5-56
- Deleting All Ports for Cisco Catalyst 6000 24 Port FXS Analog Interface Module Gateway, page 5-58
- Creating a Gateway Directory Number Template, page 5-59

Creating the CSV File for Cisco Catalyst 6000 (FXS) ports

BAT includes a Microsoft Excel file (BAT.xlt) that provides data file templates with macros and error checking and exports the values into CSV files for Cisco Catalyst 6000 (FXS) Ports. You can open this file by double-clicking BAT.xlt on the Publisher database server in the C:\CiscoWebs\BAT\ExcelTemplate folder. When prompted, be sure to enable macros. Refer to Using the Cisco Catalyst 6000 (FXS) Ports tab in BAT.xlt, page 5-54, to learn how to use this spreadsheet.

The CSV file for ports contains information about each port as a record. Each record specifies the gateway MAC address and port number on that gateway to which you want to add or update the port details.

The following example format shows the required field length and string types followed by an example of a CSV file for Catalyst 6000 (FXS) port.

Note If values are set for Partition in the CSV file for some record, for that record value in CSV file, override the preset values of these attributes in a selected phone template.

If you provide no values for Partition for any record on the CSV file, the system uses values from the BAT phone template for these fields.

Example 5-1 If Partition is Partition_1 on a template, all records in a CSV file that have no value for Partition use Partition_1.

MAC Address (String[12]MANDATORY),Port Number (Integer[2] MANDATORY),Directory Number (Integer[50] OPTIONAL),Route Partition (String[50] OPTIONAL)

Example

```
1231123245AB,24,9725557154,Partition1
```

The actual file does not contain field names (displayed in the first line). You must include comma separators even if a field is blank. Specify Partition only with Directory Number.

Refer to the following examples and sample CSV records when creating CSV files.

Examples

If the directory number for a port is blank

```
1231123245AB,24,,
```

Note For the MAC address, enter MAC address values for an existing Cisco Catalyst 6000 (FXS) gateway. This MAC address comprises the last 12 characters in the Gateway Name. BAT does not add Cisco Catalyst 6000 (FXS) gateways. It simply adds or updates ports to an existing gateway.

Related Topics

- Adding Cisco Catalyst 6000 (FXS) Ports to Cisco CallManager, page 5-55
- Updating Cisco Catalyst 6000 24 Port FXS Analog Interface Module Ports in Cisco CallManager, page 5-56

Using the Cisco Catalyst 6000 (FXS) Ports tab in BAT.xlt

Perform the following steps to quickly add ports to Cisco Catalyst 6000 24 Port FXS analog interface modules.

Procedure

Step 1 On the Publisher database server, click C:\CiscoWebs\BAT\ExcelTemplate and double-click **BAT.xlt**.

Step 2 When prompted, click **Enable Macros**.

Step 3 Select the **Catalyst 6000 (FXS) ports sheet tab.**

Step 4 Complete all mandatory fields and any relevant optional fields. Each column heading specifies the length of the field.

Click View Sample File on the BAT interface for the data value requirements.

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

Step 5 Fill in the values for different columns.

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

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

Catalyst6000_24PortsFXSGateway#timestamp.txt

Step 7 Click **View File** to view the CSV file that you created.

Adding Cisco Catalyst 6000 (FXS) Ports to Cisco CallManager

Follow this procedure to add several ports on Cisco Catalyst 6000 24 Port FXS analog interface modules to Cisco CallManager.

Before You Begin

You must create a Cisco Catalyst 6000 Ports template and CSV file before you add ports to Cisco CallManager. If you want to add or update Directory Number details, you need to create a Gateway Directory Number template.

Procedure

Step 1 Start BAT. (Refer to Starting BAT, page 1-7, for complete information about how to start BAT.)

Step 2 Click **Configure > Gateways > Catalyst 6000 (FXS)**.

The Configure Ports window displays.

Step 3 In the File Name field, select the CSV file for Cisco Catalyst 6000 Ports that you created for this type of bulk transaction.

Step 4 In the Catalyst 6000 (FXS) Ports Template field, select the BAT template that you created for adding Cisco Catalyst 6000 FXS ports.

Step 5 (This field is optional if you are adding ports; required if you are adding any records that have directory number details on the CSV file.) In the Gateway Directory Number Template Name, select the BAT template that you created for adding directory numbers to Cisco Catalyst 6000 FXS ports.

Note If you have not specified directory number details on the CSV file, BAT inserts only analog details for that port, but no number will be configured for the port.

Step 6 Click **Insert**.

A message displays indicating the time it will take to perform the transaction. Be aware that performance on the gateways will be impacted, including dropped calls if any are active on the affected gateways.

After the ports are added to Cisco CallManager, BAT generates a log file indicating the number of records added and the number of records failed, including an error code.

Step 7 The results of the Insert display. You can click **View Log File** to open the log file for this transaction. BAT adds ports only for existing Cisco Catalyst 6000 (FXS) gateways. If a port with this specified port number and gateway already exists, BAT rejects that record. Refer to Chapter 7, "Troubleshooting BAT and TAPS", for more information about errors.

Related Topics

- Creating a Cisco Catalyst 6000 (FXS) Ports Template, page 5-51
- Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53
- Updating Cisco Catalyst 6000 24 Port FXS Analog Interface Module Ports in Cisco CallManager, page 5-56

Updating Cisco Catalyst 6000 24 Port FXS Analog Interface Module Ports in Cisco CallManager

Perform the following steps to update ports for Cisco Catalyst 6000 24 Port FXS analog interface modules to Cisco CallManager.

Before You Begin

You must create a Cisco Catalyst 6000 (FXS) Ports BAT template and CSV file before you modify ports in Cisco CallManager. If you want to modify Directory Number details, you need to configure a Gateway Directory Number BAT template.

Procedure

Step 1 Start BAT. (Refer to Starting BAT, page 1-7, for complete information about how to start BAT.)

Step 2 Choose **Configure > Gateways > Catalyst 6000 (FXS)**.

The Configure Ports window displays.

Step 3 In the File Name field, select the CSV file for Cisco Catalyst 6000 Ports that you created for this type of bulk transaction.

Step 4 In the Catalyst 6000 (FXS) Ports Template field, select the BAT template that you created for updating Cisco Catalyst 6000 FXS ports.

Step 5 (This field is optional if you are updating ports; required if you are updating any records that have directory number details on the CSV file.) In the Gateway Directory Number Template Name, select the BAT template that you created for updating directory numbers to Cisco Catalyst 6000 FXS ports.

Note If you have not specified directory number details on the CSV file, BAT inserts only analog details for that port, but no number will be configured for the port.

Step 6 Click **Update**.

A message displays indicating the time it will take to perform the transaction. Be aware that performance on the gateways will be impacted, including dropped calls if any are active on the affected gateways.

After the ports are updated in Cisco CallManager, BAT generates a log file indicating the number of records updated and the number of records failed, including an error code.

Step 7 The results of the Update display. You can click **View Log File** to open the log file for this transaction. BAT updates ports only for existing Cisco Catalyst 6000 (FXS) gateways. If a port with this specified port number and gateway already exists, BAT rejects that record. Refer to Chapter 7, "Troubleshooting BAT and TAPS", for more information about errors.

Related Topics

- Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53
- Adding Cisco Catalyst 6000 (FXS) Ports to Cisco CallManager, page 5-55

Deleting All Ports for Cisco Catalyst 6000 24 Port FXS Analog Interface Module Gateway

Perform the following steps to delete all ports of a Cisco Catalyst 6000 24 Port FXS analog interface module.

Procedure

Step 1 Start BAT. (Refer to Starting BAT, page 1-7, for complete information about how to start BAT.)

Step 2 Click **Configure > Gateways > Catalyst 6000 (FXS)**.

The Configure Ports window displays.

Step 3 Click the **Delete All Ports** link in the upper, right side of the window.

The Delete Ports window displays.

Step 4 Select the name of the Cisco Catalyst 6000 Gateway(s) for which you want to delete all ports and click the arrow buttons to move the gateways between the **Available Gateways** and **Selected Gateways** lists. BAT deletes all the ports for only gateways shown in the Selected Gateways list box when you click Delete All Ports.

Step 5 Click **Delete All Ports**.

A message displays indicating the time it will take to perform the transaction.

BAT generates a log file indicating the number of gateways for which the Delete All operation was successful and the number of gateways for which it failed, including an error code.

Step 6 The results of the Delete operation display. You can click **View Latest Log File** to open the log file for this transaction. Refer toChapter 7, "Troubleshooting BAT and TAPS", for more information about errors.

Related Topics

- Adding Cisco Catalyst 6000 (FXS) Ports to Cisco CallManager, page 5-55
- Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53
- Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53
- Updating Cisco Catalyst 6000 24 Port FXS Analog Interface Module Ports in Cisco CallManager, page 5-56

Creating a Gateway Directory Number Template

The template and comma separated values (CSV) files work together in bulk transactions. You can create a template that has common directory number details such as partition, calling search space, and so on. The system stores these templates, so they are reusable for other batches.

The CSV file stores the details for each individual port, such as its gateway MAC address, Port Number (which you are adding in this section), Directory Number for this Port, and its Partition. See Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53, or Creating the CSV File for Adding VG200 Gateway, page 5-45, for more details about CSV files.

Procedure

Perform the following steps to create a Gateway Directory Number template. All fields are optional unless otherwise noted.

Step 1 Start BAT. (Refer to Starting BAT, page 1-7, for complete information about how to start BAT.)

Step 2 Click **Configure > Template > Gateway Directory Number**.

The Gateway Directory Number Template Configuration window displays.

Step 3 In the Gateway Directory Number Template Name field, type a unique name for this template, up to 50 alphanumeric characters.

Step 4 In the Partition field, select the partition to which the directory number will be added.

Step 5 In the Calling Search Space field, select the calling search space that represents the collection of Route Partitions searched to determine how a dialed number should be routed.

Step 6 In the Call Forward and Pickup Settings area, complete the following fields. If you type a value for any of these fields, you can also select the Calling Search Space for that field:

- Forward All—Specifies the directory number to which all calls are sent. If there is a value in this field, then all calls destined for the gateway directory number will be automatically forwarded to the specified directory number.
- Froward Busy—Specifies the directory number to which all calls are sent if the gateway directory number is busy.
- Forward No Answer—Specifies the directory number to which calls are sent if the gateway directory number does not answer.
- Call Pickup Group—Specifies the number that can be dialed to answer calls to this directory number (in the specified partition).

Step 7 In the External Phone Number Mask field, type the phone number (or mask) used to send Caller ID information when placing a call from this directory number.

Step 8 Click **Insert**.

The new template is added.

Step 9 Create a CSV file. Go to Creating the CSV File for Cisco Catalyst 6000 (FXS) ports, page 5-53, or Creating the CSV File for Adding VG200 Gateway, page 5-45, for more information.

Related Topics

- Creating a Cisco VG200 Gateway Template, page 5-42
- Creating a Cisco Catalyst 6000 (FXS) Ports Template, page 5-51