



Interface Profiles

The CGM software allows you to create and apply profiles to interfaces. Profiles allow you to apply a set of existing parameters to a number of similar type objects, eliminating the need to enter the same data numerous times. Once you have created a profile, you can apply that same profile to many interfaces, as applicable.

This chapter contains the following information:

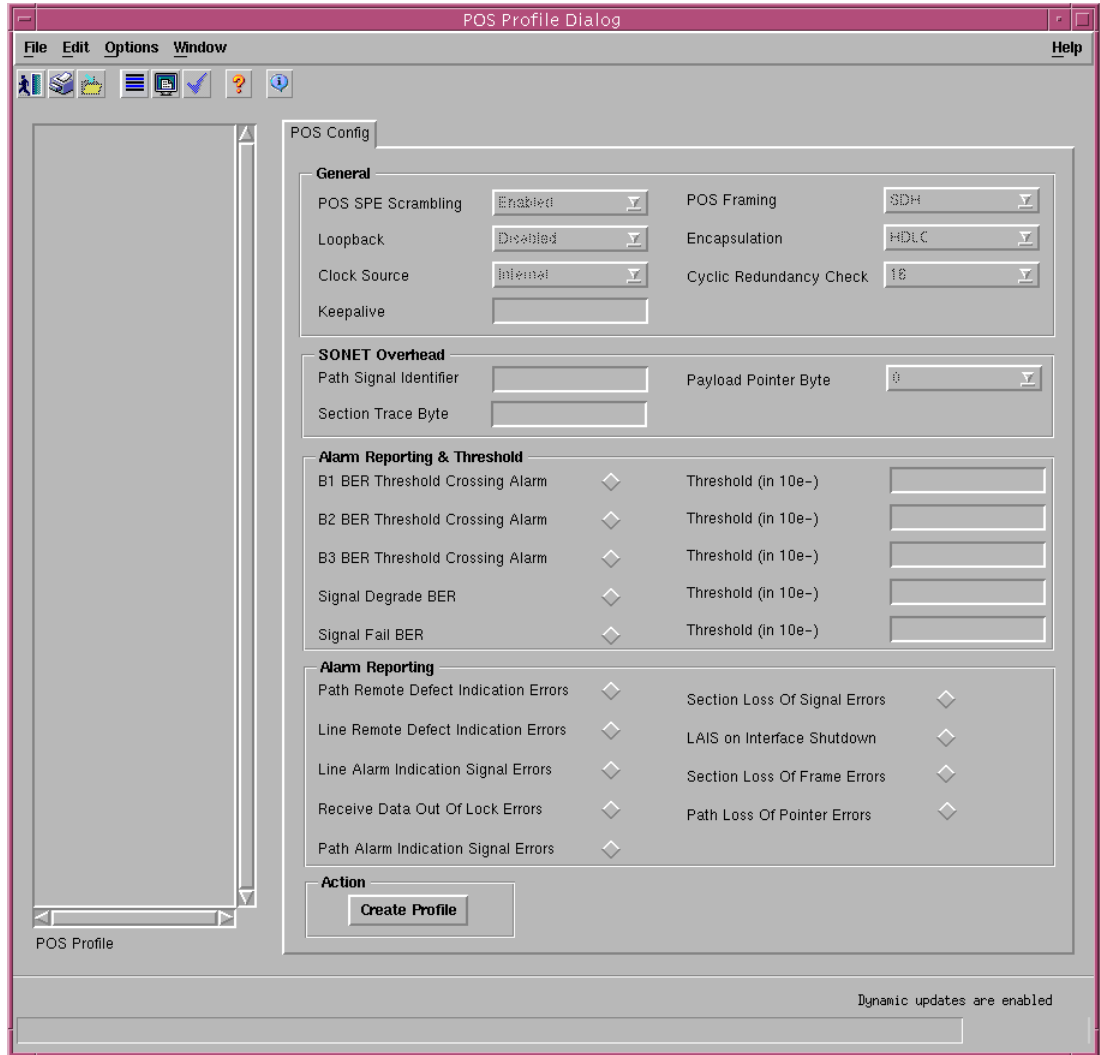
- Creating an Interface Profile
- Applying an Interface Profile

Creating an Interface Profile

To open any type of interface profile window, proceed as follows:

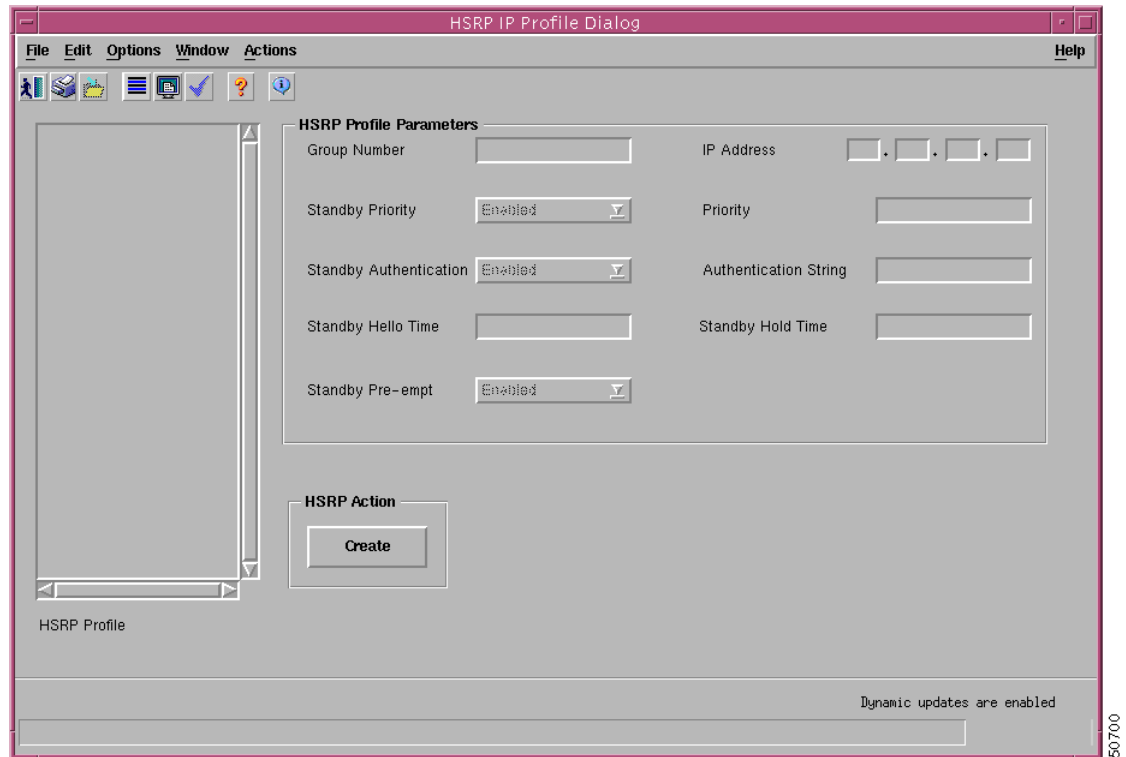
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- Step 1** Right-click on a selected chassis object, then choose **CGM Management>Physical>Interface**, then go to the specific type of profile you wish to create, either: POS, HSRP (located under the IP menu), or ATM. Now go to **Profile** or **Configuration Profile** to select. One of the following windows appears.

Figure 6-1 POS Profile Window—POS Config Tab



For details on the configuration fields within this window, refer to the “POS/APS Interface Configuration” section on page 7-8.

Figure 6-2 HSRP IP Profile Window



For details on the configuration fields within this window, refer to the “IP Configuration” section on page 7-4.

Figure 6-3 ATM Interface Configuration Profile Window—Configuration (1) Tab

ATM Interface Configuration Profile

File Edit Options Window Actions Help

Configuration (1) Configuration (2)

ATM Configuration

Neighbor IP Address . . .

Interface Type

ATM Interface Side

SVC UPC Intent

Address Type

Neighbor Interface Name

UNI Type

UNI Signalling Version

Signalling Admin Status

Well-known VC Mode

Loopback

Transmit Queue Limit

Maximum VPCs

Maximum Active VPI Bits

Maximum VCCs

Maximum Active VCI Bits

Number of VCs per VP

NSAP Address

ILMI Configuration

Keepalive Time

VPI Value

Auto-Configuration

VCI Value

Address Registration

Configuration

Action

Dynamic updates are enabled

50646

Not applicable for CGM

For details on the configuration fields within this window, refer to the “ATM Interface Configuration” section on page 7-14.

- Step 2** Create a new profile in one of two ways, as follows:
- a. To create a profile based on an existing profile, click the profile you want to model from the profile list box at left. Now follow the steps for creating a new profile.
 - b. To create a new profile, proceed as follows:
 - Click **Create Profile**.
 - Type in the new profile name, then click **Ok**.

**Tips**

When you choose a profile name, it is highly recommended to use a naming convention that describes the profile type. For example, an ATM profile might be called ATM1, a POS profile might be called POS2, and an HSRP profile could be HSRP1.

- Fill in the required fields (for detailed descriptions on the fields within these tabs, refer to **Chapter 7**, “Interface Configuration.”)
- Click the **Save** icon to save your changes.

**Note**

Choose the **Copy** and **Copy Page Configuration** options in the **Edit** menu to cut and paste between different profiles. This is useful when you wish to copy profile information from one to the next.

Applying an Interface Profile

You can apply an interface profile to any appropriate interface.

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- Step 1** Right-click on a chassis object, then choose **CGM Management>Physical>Interface>POS or IP or ATM>Configuration**.
 - Step 2** Choose the interface you want to apply the profile to from the list box at left. For POS and IP profiles, you can select multiple interfaces by holding down Shift and selecting multiple profiles, then you can apply the same profile to them.
 - Step 3** From the **Edit** menu, choose the **Apply Profile** option.
 - Step 4** Choose the relevant profile from the list of profiles. The configuration information stored in the profile is copied to the selected interface.
 - Step 5** Save the changes.
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Deleting an Existing Interface Profile

To delete an existing Interface profile, follow these steps:

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- Step 1** Right-click on a chassis object, then choose **CGM Management>Physical>Interface>POS or IP or ATM>Configuration**.
 - Step 2** Select the profile you wish to delete from the list of existing profiles displayed in the Interface list at the left-hand-side of the window.
 - Step 3** Select the **Delete Profile** option from the **Edit** menu. Select the profile you wish to delete from the list displayed. A Deletion Prompt window appears for you to confirm that you wish to delete the selected profile.
 - Step 4** Click **Yes** to delete the selected profile or click **No** to close the window without deleting the profile.

When a profile is deleted it disappears from the list of existing profiles displayed in the Interface list at the left-hand-side of the window.
