

## Chapter 19

# Adding Objects for CMTS Devices with the C-Web Interface

This chapter describes how to configure objects for cable modem termination system (CMTS) devices with the C-Web interface. You can also use the SRC CLI or SDX Admin to add objects for CMTS devices:

- To use the SRC CLI, see *SRC-PE Solutions Guide, Chapter 6, Adding Objects for CMTS Devices with the SRC CLI*.
- To use SDX Admin, see *SRC-PE Solutions Guide, Chapter 7, Adding Objects for CMTS Devices to the Directory with SDX Admin*.

Topics in this chapter include:

- *Adding Objects for CMTS Devices with the C-Web Interface* on page 185
- *Creating Virtual Routers for the CMTS Device with the C-Web Interface* on page 186

## Adding Objects for CMTS Devices with the C-Web Interface

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To manage CMTS devices, the SAE creates and manages pseudointerfaces that it associates with a virtual router object. Each CMTS device in the SRC network must appear in the configuration as a router object, and it must be associated with a virtual router object called default. The router and virtual router are not actually configured on the CMTS device; the router and virtual router provide a way for the SAE to manage the CMTS device by using the SAE's embedded policy server.

To add a router:

1. Click **Configure**, expand **Shared**, and then click **Network**.

The Shared Network pane appears.

2. From the Create new list, select **Device**.
3. Type a name for the new device in the dialog box, and click **OK**.

The Device pane appears.

4. From the Device Type list, select **pccm**.
5. Enter information as described in the Help text in the main pane, and click **Apply**.

## **Creating Virtual Routers for the CMTS Device with the C-Web Interface**

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You need to add a virtual router object called default to the CMTS device.

To add a virtual router to an existing router:

1. Click **Configure**, expand **Shared > Network**, and then click a CMTS device.

The Device pane appears.

2. From the Create new list, select **Virtual Router**.
3. Type a name for the new device in the dialog box, and click **OK**.

The Virtual Router pane appears.

4. Click **Create**, enter information as described in the Help text in the main pane, and then click **Apply**.