

Adding Objects for CMTS Devices with the SRC CLI

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.

Use the following configuration statements to add a router object:

```
shared network device name {  
  description description ;  
  management-address management-address ;  
  device-type (junose | junos | pcmm | proxy);  
  qos-profile [ qos-profile ...];  
}
```

To add a router:

1. From configuration mode, access the configuration statements that configure network devices. You must specify the name of a device with lowercase characters. In this sample procedure, `pcmm_dtr` is the name of the object.

```
user@host# edit shared network device pcmm_dtr
```

2. (Optional) Add a description for the CMTS device.

```
[edit shared network device pcmm_dtr]  
user@host# set description description
```

3. Add the IP address of the CMTS device.

```
[edit shared network device pcmm_dtr]  
user@host# set management-address management-address
```

4. (Optional) Specify the type of device that you are adding.

```
[edit shared network device pcmm_dtr]  
user@host# set device-type pcmm
```

5. (Optional) Verify your configuration.

```
[edit shared network device pcmm_dtr]  
user@host# show  
description "CMTS device";  
management-address 192.168.3.5;  
device-type pcmm;  
interface-classifier {  
  rule rule-0 {  
    script #;  
  }  
}
```

- Related Topics**
- Connections to Managed Devices
 - Configuring CMTS-Specific RKS Plug-Ins with SRC CLI
 - Creating Virtual Routers for the CMTS Device with the SRC CLI