

## Configuring Network Interfaces in the Directory for the Edge Network

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You must add network interfaces to the directory. For the edge network, you do so by specifying the network interfaces of the routers and the switches in the access network between subscribers and the SRC network.

Use the following configuration statements to configure a network interface:

```
shared admission-control device name {  
    description description;  
}  
shared admission-control device name interface name {  
    description description;  
    upstream-provisioned-rate upstream-provisioned-rate;  
    downstream-provisioned-rate downstream-provisioned-rate;  
    upstream-background-bandwidth upstream-background-bandwidth;  
    downstream-background-bandwidth downstream-background-bandwidth;  
    detect-link-rate;  
}
```

To configure the network interfaces of the routers and the switches in the access network:

1. From configuration mode, access the configuration statement that configures network interfaces.

```
user@host# edit shared admission-control device name
```

Enter the name of the network device.

2. (Optional) Specify a description for the network device.

```
[edit shared admission-control device name]  
user@host# set description description
```

3. Specify the network interface.

```
user@host# edit shared admission-control device name interface name
```

Enter the name of the virtual router.

4. (Optional) Specify the provisioned bandwidth for the network interface.

```
[edit shared admission-control device name interface name]  
user@host# set upstream-provisioned-rate upstream-provisioned-rate  
user@host# set downstream-provisioned-rate downstream-provisioned-rate
```

5. (Optional) Specify the background bandwidth for the network interface.

```
[edit shared admission-control device name interface name]  
user@host# set upstream-background-bandwidth upstream-background-bandwidth  
user@host# set downstream-background-bandwidth downstream-background-bandwidth
```

For information about background bandwidths, see Allocating Bandwidth to Applications Not Controlled by SRC-ACP.

6. (Optional) Specify whether SRC-ACP detects the link rate for the network interface.

```
[edit shared admission-control device name interface name]  
user@host# set detect-link-rate
```

If you set this option, specify portId as an index key when configuring SRC-ACP operations so that updated sync rates are provided from interface tracking events. If the sync rate is not available, then the provisioned bandwidth configured in the subscriber profile is used.

7. (Optional) Verify your configuration.

```
[edit shared admission-control device name interface name]  
user@host# show
```