

## Configuring the NIC Proxy for the Pseudo-RADIUS Server

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Tasks to configure the NIC proxy are:

1. Configuring Resolution Information for a NIC Proxy on page 1
2. Changing the Configuration for the NIC Proxy Cache on page 1
3. Configuring a NIC Proxy for NIC Replication on page 2

### Configuring Resolution Information for a NIC Proxy

Use the following configuration statements to configure the NIC proxy:

```
slot number external-subscriber-monitor nic-proxy-configuration radius-accounting-nic
  resolution {
    resolver-name resolver-name;
    constraints constraints;
  }
```

To configure resolution information for a NIC proxy:

1. From configuration mode, access the configuration statement that configures the NIC proxy configuration. In this sample procedure, the NIC proxy called radius-accounting-nic is configured.

```
user@host# edit slot 0 external-subscriber-monitor nic-proxy-configuration
radius-accounting-nic resolution
```

2. Specify the resolution information for this NIC proxy.

```
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic
resolution]
user@host# set ?
```

For more information about configuring resolution information for a NIC proxy, see Configuring Resolution Information for a NIC Proxy (SRC CLI).

3. (Optional) Verify your configuration.

```
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic
resolution]
user@host# show
```

### Changing the Configuration for the NIC Proxy Cache

You can modify cache properties for the NIC proxy to optimize the resolution performance for your network configuration and system resources. Typically, you can use the default settings for the cache properties. The configuration statements are available at the Advanced editing level.

Use the following configuration statements to configure the NIC proxy cache:

```
slot number external-subscriber-monitor nic-proxy-configuration radius-accounting-nic
cache {
  cache-size cache-size;
  cache-cleanup-interval cache-cleanup-interval;
  cache-entry-age cache-entry-age;
}
```

To configure the cache for a NIC proxy:

1. From configuration mode, access the configuration statement that configures the NIC proxy configuration. In this sample procedure, the NIC proxy called radius-accounting-nic is configured.

```
user@host# edit slot 0 external-subscriber-monitor nic-proxy-configuration
radius-accounting-nic cache
```

2. Specify the cache properties for the NIC proxy.

```
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic
cache]
user@host# set ?
```

3. (Optional) Verify your configuration.

```
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic
cache]
user@host# show
```

## Configuring a NIC Proxy for NIC Replication

Typically, you configure NIC replication to keep the NIC highly available. You configure NIC host selection to specify the groups of NIC hosts to be contacted to resolve a request, and to define how the NIC proxy handles NIC hosts that the proxy is unable to contact. The configuration statements are available at the Advanced editing level.

Use the following configuration statements to configure NIC host selection for a NIC proxy:

```
slot number external-subscriber-monitor nic-proxy-configuration radius-accounting-nic
nic-host-selection {
  groups groups;
  selection-criteria (roundRobin | randomPick | priorityList);
}
slot number external-subscriber-monitor nic-proxy-configuration radius-accounting-nic
nic-host-selection blacklisting {
  try-next-system-on-error;
  number-of-retries-before-blacklisting number-of-retries-before-blacklisting;
  blacklist-retry-interval blacklist-retry-interval;
}
```

To configure a NIC proxy to use NIC replication:

1. From configuration mode, access the configuration statement that specifies the NIC proxy configuration. In this sample procedure, the NIC proxy called radius-accounting-nic is configured.

```
user@host# edit slot 0 external-subscriber-monitor nic-proxy-configuration  
radius-accounting-nic nic-host-selection
```

2. (Optional) Configure NIC host selection for a NIC proxy.

```
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic  
nic-host-selection]  
user@host# set ?
```

For more information about configuring NIC host selection for a NIC proxy, see Configuring a NIC Proxy for NIC Replication (SRC CLI).

3. (Optional) Verify your configuration.

```
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic  
nic-host-selection]  
user@host# show
```

4. Access the configuration statement that specifies the NIC proxy configuration for blacklisting—the process of handling nonresponsive NIC hosts.

```
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic  
nic-host-selection]  
user@host# edit blacklisting  
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic  
nic-host-selection blacklisting]
```

5. (Optional) Configure blacklisting for a NIC proxy.

```
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic  
nic-host-selection blacklisting]  
user@host# set ?
```

For more information about configuring NIC host selection for a NIC proxy, see Configuring a NIC Proxy for NIC Replication (SRC CLI).

6. (Optional) Verify your configuration.

```
[edit slot 0 external-subscriber-monitor nic-proxy-configuration radius-accounting-nic  
nic-host-selection blacklisting]  
user@host# show
```

- Related Topics**
- Configuring the NIC Proxy for the Pseudo-RADIUS Server (C-Web Interface)
  - Configuring the Pseudo-RADIUS Server for External Subscriber Monitor
  - Overview of External Subscriber Monitor

