Configure Fault Management

This chapter describes the procedures to create and load the alarm profiles.

Create a Fault Profile

Perform this task to create a fault profile.

Procedure

Step 1 **configure**

Step 2 **fault-profile** *name*

Example:

```
RP/0/RP0:hostname (config)# fault-profile test
```

Creates a fault profile.

Step 3 **fault-identifier subsystem** *type-of-the-subsystem* **fault-type** *type-of-the-fault* **fault-tag** *type-of-the-tag* **sas** *severity-of-the-alarm* **nsas** *severity-of-the-alarm*

Example:

```
RP/0/RP0:hostname (config-fault-profile)# fault-identifier subsystem XR
    fault-type HW_ETHERNET fault-tag ETHER_SIGLOSS sas CRITICAL nsas MAJOR
```

Configures the fault profile.

Step 4 **fault-profile** *name-of-the-fault-profile* **description** *description-of-the-fault-profile*

Example:

```
RP/0/RP0:hostname (config-fault-profile)# fault-profile test description this is test profile
```

Defines description of the profile.

Step 5 **commit**

Load a Fault Profile

Before you begin

Create a fault profile. See Create a Fault Profile, on page 1.

Procedure

Step 1 **configure**

Step 2 **fault-profile** *name-of-the-fault-profile*

Example:

```
RP/0/RP0:hostname (config)# fault-profile test
```

Enter the fault profile configuration mode.

Step 3 **apply rack 0 slot** *slot number* **port***port number***propagate**

Example:

```
RP/0/RP0:hostname (config-fault-profile)# apply rack 0 slot LC2 port3 propagate
```

Loads the fault profile on the line card on port 3 of line card 2.

Step 4 **commit**