

Basic Configuration of the Dual T1/E1 GPIM

To enable the Dual T1/E1 Gigabit-Backplane Physical Interface Module (GPIM) installed on your SRX Series Services Gateway, you must configure its properties. You can perform the same configuration tasks using the J-Web interface or the CLI configuration editor. In addition, you can configure a wider variety of options that are encountered less frequently.

Using the J-Web Interface

To perform basic configuration for the Dual T1/E1 GPIM and configure network interfaces for the services gateway with the J-Web interface:

1. In the J-Web interface, select **Configure > Interfaces**.
The Interfaces page displays and lists the network interfaces present on the services gateway. Verify whether the interface has been configured by reviewing the information in the Configured column (yes/no).
2. Select the interface name to edit.
3. To use the port on the GPIM, you must assign it to a security zone other than the Null zone. Optionally, you can also assign the port an IP address (for example, 192.168.3.1/24). Enter or select the following settings:
 - a. Select **Configure > Security > Zones**.
 - b. Add or select a security zone other than Null, for example, Trust.
 - c. For the Host Inbound Traffic option, set the following:
 - System Services = **Allow All**
 - Protocols = **Allow All**
 - d. Click **OK** and click **Commit** to apply the configuration and other pending changes (if any).
4. To use the port on the GPIM, you must also set security policies. Select the following settings:
 - a. Select **Configure > Security > Policy > FW Policies**.
 - b. Set Policy Action: Default Policy Action = **Permit-All**.
 - c. Click **OK** to save changes and click **Commit** to apply the configuration and other pending changes (if any).

For advanced configuration information, see the *JUNOS Network Interfaces Configuration Guide*.

Using the CLI to Configure the T1 Interface

To perform basic configuration for the Dual T1/E1 GPIM (for the T1 interface) and configure network interfaces for the services gateway with the CLI:

- Verify that the Dual T1/E1 GPIM is installed on the services gateway:
show chassis hardware
- Verify the status of the interface:
show interfaces terse
- Assign the port an IP address:
set interface t1-1/0/0 unit 0 family inet address *Interface address/destination prefix*
- Add or select a security zone, for example, Zone1 :
set security zones security-zone zone1 interfaces t1-1/0/0.0 host-inbound-traffic system-services all
- Add or select security zones for Host inbound traffic protocol options:
set security zones security-zone zone1 interfaces t1-1/0/0.0 host-inbound-traffic protocols all
- Set security policies:
set security policies default-policy permit-all

Using the CLI to Configure the E1 Interface

To perform basic configuration for the Dual T1/E1 GPIM (for the E1 interface) and configure network interfaces for the services gateway with the CLI:

- Verify that the Dual T1/E1 GPIM is installed on the services gateway:
show chassis hardware
- Verify the status of the interface:
show interfaces terse
- Assign the port an IP address:
set interface e1-1/0/0 unit 0 family inet address *Interface address/destination prefix*
- Add or select a security zone, for example, Zone1 :
set security zones security-zone zone1 interfaces e1-1/0/0.0 host-inbound-traffic system-services all
- Add or select security zones for Host inbound traffic protocol options:
set security zones security-zone zone1 interfaces e1-1/0/0.0 host-inbound-traffic protocols all
- Set security policies:
set security policies default-policy permit-all

Related Topics

- Dual CT1/E1 GPIM Overview
- Key Features of the Dual CT1/E1 GPIM
- Dual CT1/E1 GPIM Network Interface Specifications

- Dual CT1/E1 GPIM Hardware Specifications
- Dual CT1/E1 GPIM LEDs
- Dual CT1/E1 GPIM Components
- Installing a Gigabit-Backplane Physical Interface Module on the SRX Series Services Gateway

Published: 2010-05-06