Configuring the Route Switch Processor

This chapter describes how to configure the Route Switch Processor (RSP) on the Cisco ASR 900 Series Router and contains the following sections:

Configuring Timing Ports

For information about configuring timing ports on the RSP, see Chapter 1, "Configuring Clocking and Timing."

Configuring the Management Ethernet Port

For information about configuring the management Ethernet port on the RSP, see Chapter 1, "Using the Management Ethernet Interface."

Configuring Console Ports

For information about configuring console ports, see Chapter 1, "Console Port, Telnet, and SSH Handling."

Reloading the Route Switch Processor

Use the following command in privileged EXEC mode:

Table 1: Route Switch Processor Reload

Command	Purpose
hw-module slot *number* {**logging** } **reload** [**force**]	**start**	**stop** [**force**]}	Restarts, stops, or starts a slot on the router. You can also use this command to disable or enable onboard logging of the hardware.

Note The command is used to reload the standby RSP module. Use the **show platform** command to find active/standby slot number.

Note The above task does not apply to Cisco ASR 902 router.

Forcing a Route Switch Processor Switchover

To force the standby RSP to assume the role of the active RSP, use the **redundancy force-switchover** command in privileged EXEC mode.

```
Router# redundancy force-switchover
```

Note The above task does not apply to Cisco ASR 902 router.

Note Router should be in hot standby state for executing this command. This can be verified by using the show redundancy command.