

High-Speed Serial Interface Port Adapters

Description

The High-Speed Serial Interface (HSSI) port adapters (PA-H and PA-2H) are available on Cisco 7200 series routers, on second-generation Versatile Interface Processors (VIP2s) in Cisco 7500 series routers, and on Cisco 7000 series routers with the 7000 Series Route Switch Processor (RSP7000) and 7000 Series Chassis Interface (RSP7000CI).

The PA-H provides one high-speed synchronous serial interface and the PA-2H provides two high-speed synchronous serial interfaces that support full-duplex and data rates up to 52 Mbps.

Platforms

This feature is supported on these platforms:

- Cisco 7200 series
- Cisco 7500 series
- Cisco 7000 series routers with the RSP7000 and RSP7000CI

Configuration Tasks

For information on how to configure the PA-H and PA-2H HSSI port adapters, refer to the “Configure a High-Speed Serial Interface (HSSI)” section in the “Configuring Interfaces” chapter of the *Configuration Fundamentals Configuration Guide*.

For information on other commands that can be used by the PA-H and PA-2H HSSI port adapters, refer to the Cisco IOS Release 11.2 configuration guides.

Configuration Examples

The following example show a simple configuration for a HSSI port adapter on a Cisco 7500 series router:

```
router# configure terminal
router(config)# interface hssi 2/0/0
router(config-if)# ip address 1.1.1.10 255.255.255.0
router(config-if)# description To San Jose, circuit ID 1234
router(config-if)# no ip mroute-cache
router(config-if)# exit
router(config)# exit
router#
```

Command Reference

All commands used with this feature are documented in the Cisco IOS Release 11.2 command references.

What to Do Next

For more information on the PA-H and PA-2H, refer to the *PA-H and PA-2H HSSI Port Adapter Installation and Configuration* publication.