

# Feature Support

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This appendix lists Software Release 9.21 features that currently are not supported on specific router platforms. It also lists the features from earlier router software releases that are not supported by Software Release 9.21. If you need any of these features for your networking environment, please contact your sales representative about obtaining earlier versions of the router software.

For the most up-to-date list of features not supported on specific platforms and obsoleted features, refer to your router products release notes.

## Supported Platforms and Features

Software release 9.21 is supported on the following router platforms:

- Cisco 7000 series
- Cisco 3000 series (except the Cisco 3104 and Cisco 3204)
- AGS+ (with a CSC/4 processor board)
- MGS (with a CSC/4 processor board)
- CGS (with a CSC/4 processor board)
- IGS

Refer to your Release 9.21 router products release notes for the most up-to-date information about supported platforms and features.

**Table F-1 Features Supported by Router Platforms**

Feature	Cisco 7000	Cisco 3000 <sup>1</sup>	AGS+	MGS	CGS	IGS
Routing	Yes	Yes	Yes	Yes	Yes	Yes
Bridging	Yes	Yes	Yes	Yes	Yes	Yes
Packet switching	Yes	Yes	Yes	Yes	Yes	Yes
Protocol translation	No	Yes	No	No	No	Yes
Flash EPROM	Yes	Yes	Yes	Yes	Yes	IGS/TR only
Telnet	Yes	Yes	Yes	Yes	Yes	Yes
SLIP (with AUX port)	Yes	Yes	Yes	Yes	Yes	Yes

1. Except the Cisco 3104 and Cisco 3204.

**Table F-2 LAN Interfaces Supported by Router Platforms**

Feature	Cisco 7000	Cisco 3000 <sup>1</sup>	AGS+	MGS	CGS	IGS
Ethernet (AUI)	Yes	Yes	Yes	Yes	Yes	Yes
Ethernet (10BaseT)	No	No	Yes	No	No	No
4-Mbps Token Ring	Yes	Yes	Yes	Yes	Yes	Yes
16-Mbps Token Ring	Yes	Yes	Yes	Yes	Yes	Yes
FDDI DAS	Yes	No	Yes	No	No	No
FDDI SAS	Yes	No	Yes	No	No	No
FDDI multimode	Yes	No	Yes	No	No	No
FDDI single-mode	Yes	No	Yes	No	No	No

1. Except the Cisco 3104 and Cisco 3204.

**Table F-3 WAN Interfaces Supported by Router Platforms**

Feature	Cisco 7000	Cisco 3000 <sup>1</sup>	AGS+	MGS	CGS	IGS
<b>Data Rates</b>						
48/56/64 kbps	Yes	Yes	Yes	Yes	Yes	Yes
1.544/2.048 Mbps	Yes	Yes	Yes	Yes	Yes	Yes
34/45/52 Mbps	Yes	No	Yes	No	No	No
<b>Interfaces</b>						
EIA-232	Yes	Yes	Yes	Yes	Yes	Yes
X.21	Yes	Yes	Yes	Yes	Yes	Yes
V.35	Yes	Yes	Yes	Yes	Yes	Yes
EIA-530	Yes	Yes	No	No	No	No
EIA-613 (HSSI)	Yes	No	Yes	No	No	No
ISDN BRI	No	Yes	No	No	No	No
G.703	No	No	Yes	No	No	No

1. Except the Cisco 3104 and Cisco 3204.

## Obsoluted Features

This section lists the protocols and device drivers supported in earlier router software releases that are not supported by Software Release 9.21.

### Protocols

The following protocols are no longer supported:

- The CHAOSnet routing protocol is a local-area network protocol developed at the Massachusetts Institute of Technology.
- The IP IEN-116 namer server system.
- The HDH protocol (also known as the HDLC Distant Host, or 1822-J, protocol) is a protocol similar to X.25 that is used for attaching to the Defense Data Network.
- The HELLO protocol, as described in RFC 891, is an interior routing protocol developed for the Fuzzball gateways of the Distributed Computer Network project and was used extensively in the early NSFnet backbone network. It is different from the OSPF Hello protocol.
- The PUP routing protocol, Xerox's PARC Universal Protocol.

### Device Drivers

The following device drivers are no longer supplied with the router software:

- ACC 1822 card
- Netronix Token Ring
- Parallel printer
- SBE serial (CSC-T and CSC-S)
- Type 1 (3Com) Ethernet
- Type 2 (Interlan) Ethernet
- UltraNet
- 3-MB Ethernet

