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Apple Internet Router: Description (5/94)

Revised: 5/3/94
Security: Everyone

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TOPIC -----

This article describes the Apple Internet Router.

DISCUSSION -----

With the Apple Internet Router, you can easily increase the size, enhance the performance, and improve the management of your organization's AppleTalk network.

The router offers you both local and wide area networking flexibility. You can connect your local workgroups over industry-standard network types, including LocalTalk, Ethernet, and Token Ring. And, as your network grows larger and more global, the Apple Internet Router lets you choose among several wide area options—you can link remote sites to your network through a dial-up connection over a standard modem, or you can add one of the Apple Internet Router Wide Area Extensions (available separately) to link your AppleTalk networks using X.25 or TCP/IP.

The Apple Internet Router features the AppleTalk Update-based Routing Protocol (AURP), a powerful wide area networking standard. AURP ensures that wide area links function efficiently, substantially reducing the traffic over wide area networks. With AURP, you can be certain that you're maximizing the use of your network resources.

Because the Apple Internet Router software runs on a broad range of Apple Macintosh computers and Workgroup Servers, you can tailor your router configurations to meet your cost/performance requirements. And, like other Macintosh computer-based software, the router is easy to use, configure, and support. Even a network novice can have the router up and running and can begin to make use of its powerful features within minutes. In addition, the router has built-in support for the Simple Network Management Protocol (SNMP), so it can be easily monitored by any SNMP-based management station.

Whether you have a small office and want to connect together a few workgroups or you're part of a multinational corporation with global internetworking needs, the Apple Internet Router provides the perfect network solution.

Apple Internet Router Features

Easy to Set Up and Use

- Offers Macintosh computer-based administration and configuration
- Operates in background, allowing other services to run concurrently

LAN and WAN Support

- Local workgroups can be connected with LocalTalk, Ethernet, or Token Ring
- Remote sites can be linked through dial-up modems, X.25, or TCP/IP

Protection from Unauthorized Access

- Administrator password option to lock out unauthorized access
- Dial-up authorization to authenticate remote sites

Network Efficiency

- Isolation of local traffic
- Update-based routing for efficient use of network resources
- Network-number clustering and remapping
- Built-in data compression for maximizing throughput

Robust Administration

- Reporting facilities to maintain network statistics
- Network management through industry-standard SNMP
- Ability to export data

Article Change History:

03 May 1994 - Updated to Internet Router 3.0.1.

Support Information Services

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