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AppleTalk: DDP Encapsulated in IP (IP Tunneling) (3/95)

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Security: Everyone

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TOPIC -----

Is there any way to encapsulate an AppleTalk packet (DDP) into an IP packet to send over an IP protocol only network? If this is possible, I expect I will need something at the other end (gateway) to strip the AppleTalk packet from the IP.

DISCUSSION -----

What you describe is known as IP tunneling, where a gateway/router connected to both an AppleTalk network and an IP network wraps a DDP packet inside a UDP packet. It then transmits that packet across the IP network to another gateway/router that is capable of de-encapsulating the packet.

The IP Extension to the Apple Internet Router (AIR) does just that. When talking to another AIR running the IP Extension, you can tunnel AppleTalk through an IP network, including the Internet.

Article Change History:
22 Mar 1995 - Updated with AIR 3.0 information; reformatted.

Support Information Services

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