ARA MultiPort Server and ISDN (3/95)

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TOPIC ---

How do I configure the Apple Remote Access (ARA) MultiPort Server for ISDN. I
have an ISDN drop that I have been using with different routers, but I would
like to use it with the ARA MultiPort Server.

The ARA MultiPort Server Read Me mentions the Hayes ISDN Adapter. Could you tell
me how to configure this product for ISDN, what specific hardware and software
is required, what speeds will the ARA MultiPort Server support with ISDN, and so
on?

DISCUSSION --

The ISDN capabilities of the ARA MultiPort Server are fairly limited. As of
September, 1994 the only way to utilize an ISDN link is to purchase an ISDN
terminal adapter from Hayes. This device looks like a standard modem to the ARA
MultiPort Server, it is an async to ISDN converter. You connect this device to
one of the ARA MultiPort Server ports and use the Hayes ISDN Terminal adapter
script included with ARA. The Hayes ISDN Terminal Adapter and ARA CCL script are
fully supported by Hayes. Users should contact Hayes for any pre-sales,
configuration, or user related questions regarding the product.

The MultiPort Server throughput has been tested to 14.4 Kbps per port with all
16 ports populated. We are unsure whether a 16 port configuration would offer
reliable connections or meet performance expectations at speeds greater than
14.4 Kbps per port.

The Tech Info Library article titled "Locating Vendor Information" can help you
search for a particular vendor's address and phone number.

Here are some of the Hayes' ISDN System Adapter specifications:

• Date announced: 1991
• Compatibility: Stand alone
• Line access standard: Basic Rate Interface (2B+D)
• Reference point: S/T Interface
• Physical interfaces supported: RS-232C; V.35; RJ-11
• Rate adaption standard: V.120
• Central Office switch supported: AT&T 5ESS; Northern Telecom

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