Tech Info Library

ARA 2.0 Personal Server Tech Specifications (11/93)

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Revised:        11/12/93
Security:       Everyone
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Article Created: 15 November 1993

TOPIC ---

This article describes the technical specifications for Apple Remote Access
(ARA) Personal Server for Macintosh.

DISCUSSION --

Modem support and scripts

• Supports any Hayes-compatible 2400-bps, 9600-bps, or higher-speed modem
  with the appropriate script. Modem scripts for many popular modems are
  included:

  — V.32bis modems (14,400 bps): Apple Express Modem, Global Village
    PowerPort Gold, Global Village TelePort Gold, Hayes Optima 144,
    Microcom QX4232bis, Prometheus ProModem 144e, PSI Powermodem IV, Supra
    SupraFax v.32bis, Telebit T3000, Telebit WorldBlazer

  — V.32 modems (9,600 bps): Global Village PowerPort Silver, Global
    Village TelePort Silver, Prometheus Promodem 96, PSI Powermodem III,
    Supra SupraFax Modem Plus, Telebit QBlazer , Telebit T1600, US
    Robotics Sportster, US Robotics Worldport

  — V.22bis modems (2400 bps): Apple 2400, Global Village PowerPort
    Bronze, Global Village TelePort Bronze, Hayes Optima 2400, Microcom AX
    2400C, Prometheus Promodem 24, PSI PowerModem II

• Cellular Support: Applied Engineering DataLink PB and Applied
  Engineering Axcell Cellular Interface, Microcom Cellular Data Link 300

• ISDN support: Hayes ISDN adapter

• Additional scripts may be available. Contact an authorized Apple dealer
  or representative or your modem manufacturer for more details.

- If you understand connection control languages (CCLs) and are an experienced programmer, you may be able to write the necessary modem script yourself.

Network types supported

- Support for any AppleTalk network; the most common network choices include:
  — LocalTalk
  — Ethernet
  — Token Ring

Connection types supported

- Standard telephone
- Cellular*
- ISDN*

Error detection, Data compression

- Support for several built-in components that allow for error-free and optimized delivery of data
  — Smart buffering (developed by Apple Computer) for data-transfer optimization
  — MNP, an industry standard for error detection
  — V.42bis, an industry standard for data compression

Security

- User name and password authentication
- Callback feature that verifies the user's identity by returning calls to a predetermined phone number
- Activity log for recording calling and answering activities
- User account disabled after seven incorrect password attempts

Specifications

- Maximum number of simultaneous connections: 1
- User name maximum length: 31 characters
- Password maximum length: 8 characters
- Maximum connect time: selectable
- Total number of user records: 100
- Maximum number of activity log entries:1,000

Licensing information

- Comes with license to copy and install the Apple Remote Access Personal Server software for your own use on up to two Apple computers owned and/or operated by you.
- Additional client software must be purchased or licensed separately; consult your authorized Apple reseller or representative for information.

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System requirements
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- A Macintosh Plus or later model with at least 4MB of RAM
- A hard disk drive
- Macintosh system software version 7.0 or later
- An Apple or other Hayes-compatible modem (2400 bps minimum; 9600 bps or higher speed recommended) and appropriate modem cable, if needed
- Apple Remote Access Client for Macintosh version 2.0

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Ordering Information
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Apple Remote Access Personal Server for Macintosh
Order No. M2726Z/A
- Apple Remote Access Personal Server software and installer
- Apple Remote Access Personal Server for Macintosh User's Guide
- Apple Remote Access DialAssist quick-reference card
- Modem scripts for a range of Hayes-compatible modems (additional modem scripts may be available; contact an authorized Apple reseller or representative, or your modem manufacturer, for details)

Apple Remote Access Personal Server Upgrade Kit
Order No. M2678Z/A
   Upgrades AppleTalk Remote Access Personal Service version 1.0 to Apple
   Remote Access Personal Server software version 2.0

Apple Remote Access Client for Macintosh (single-pack)
Order No. M5227Z/A

Apple Remote Access Client for Macintosh 10-Pack
Order No. M2692Z/A

Apple Remote Access Modem Toolkit version 2.0
Order No. R0129LL/C

This product is available from APDA.

* ISDN and cellular connections require additional third party products.

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