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AppleTalk Remote Access: Security

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TOPIC -----

AppleTalk Remote Access implements security in several ways, at the Macintosh level and at the network level.

DISCUSSION -----

Macintosh Level Security

You can implement security from the Macintosh in these ways:

- Assign each user a password in the User record in the Users and Groups file. When receiving a call, the password goes through a DES encryption and authentication procedure similar to AppleShare.
- Set AppleTalk Remote Access to call the user back at a predetermined number. If an unauthorized caller discovers a password, the call-back number will connect only the authorized phone number.
- Disable access to the network so the caller can't see beyond the server Macintosh. Turn off file sharing to deny access to the server Macintosh as well.
- Find the number of failed log-on attempts in the activity log.
- Disable the user's access after seven log-on attempts.

Network Level Security

The network administrator can set up a Security Zone using a HyperCard stack. The Remote Access Setup CDev detects this Security Zone, and requires a password to answer incoming calls. Unauthorized AppleTalk Remote Access servers can grant access to a network only after clearance from the network administrator.

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