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AppleShare: Troubleshooting Unexpected Change in Default Zone

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TOPIC ---

An AppleShare 2.0.1 server running on a Macintosh IIfx using a Shiva
EtherPort II card in Phase 2 repeatedly loses its default zone and ends
up in Ether2. This happens about once every night. In the morning the
users find the server in Ether2. What could be causing this? We checked
associated routers on the same segment of Ethernet.

DISCUSSION --

The default zone is stored in PRAM, which, if the battery is functional,
should store the selected zone without a problem. If the lithium battery
isn't fully functional, then the values in Parameter RAM can get corrupted,
and you can see the symptoms you describe.

If PRAM isn't getting refreshed, you're likely to have problems with
the clock, double-click setting, sound volume, and so on.

If you aren't experiencing any other difficulties with this Macintosh, it
could be that the locations that store the zone data could be bad, and this
would cause a specific failure. The best plan of action would be to replace
the Macintosh IIfx logic board, and see how things progress from there.

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