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AWS 95: Problems Pinging nameserver (5/95)

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Security:       Everyone
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TOPIC ---

I'm setting up a WAIS server on an Apple Workgroup Server (AWS) 95, and I'm
having problems pinging nameserver, but not the gateway router.

I can usually ping nameserver right after bringing up the AWS 95, but this
capability disappears shortly thereafter. Characteristically when I fire up
AppleSearch, the outside Ping and nameserver Ping capability go away.

I have checked the rc and resolv.conf files, and these appear to properly define
both the nameserver and the gateway router address.

DISCUSSION --

The AWS 95 is sending packets to the default route as assigned in the /etc/rc
file, but it gets confused when your Telebit NetBlazer router sends out its
routing tables every 30 seconds.

The in.routed is the routing software for UNIX, and the AWS 95 comes configured
with in.routed set to wait in its /etc/inittab file. When in.routed gets an
update from the NetBlazer, in.routed is changing its internal routing tables
which means it can no longer reach anything outside of its local subnet.

The solution is to go into /etc/inittab and turn the in.routed to off.

Change the line:

net4:2:wait:/etc/in.routed   # set to "wait" for routing

to

net4:2:off:/etc/in.routed   # set to "wait" for routing

Now the AWS 95 will ignore all outside routing information.

Support Information Services

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