Apple LocalTalk Bridge: Troubleshooting (3/97)

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TOPIC -------------------------------------------------------------

This article offers some guidelines for handling common problems with the Apple
LocalTalk Bridge.


DISCUSSION --------------------------------------------------------

General Troubleshooting
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The bridge computer becomes unresponsive
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Each time a LocalTalk device starts up, the Bridge obtains an address (node ID)
from the Ethernet or Token Ring network, and assigns that address to the
LocalTalk device in order to make the device visible on the extended network.
The bridge computer might become unresponsive (it could "hang" or "freeze") if
it is unable to acquire the node ID. To fix this problem, the network
administrator needs to reconfigure the router to make more node IDs available
for the Ethernet or Token Ring segment on which the Bridge is running.


The bridge computer cannot access Token Ring zones
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If you install the Apple Internet Router and the Apple LocalTalk Bridge on the
same computer, and both are running simultaneously, the bridge computer won't
have access to Token Ring zones. To remedy this problem, remove either the
router or the Bridge.



Error messages
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Macintosh printer port already in use
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During startup, there are three ways in which the bridge computer's printer (or
serial) port can be in use:

• You set the current AppleTalk port to LocalTalk in the Network control panel.

• You selected EtherTalk or TokenTalk in the Network control panel, but an error
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occurred while switching to the selected network, so the bridge computer used the default AppleTalk port (LocalTalk) instead.

• You installed a software product that reserves the printer (or serial) port before the LocalTalk Bridge is activated.

In order for the LocalTalk Bridge to work, you need to select either EtherTalk (if the bridge computer is connected to an Ethernet network) or TokenTalk (if the bridge computer is connected to a Token Ring network) in the Network control panel. If you installed software that reserves the printer (or serial) port, you need to deactivate the conflicting software in order for the LocalTalk Bridge to run.

LocalTalk Bridge cannot start because the printer port is in use
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Please select another AppleTalk connection in the Network control panel, then try again. The printer port automatically uses LocalTalk Built-In as the network connection. To use the LocalTalk Bridge, you need to select either EtherTalk (if the bridge computer is connected to an Ethernet network) or TokenTalk (if the bridge computer is connected to a Token Ring network) in the Network control panel.

LocalTalk Bridge cannot start because AppleTalk is not active
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Please use the Chooser to activate AppleTalk, then restart the Macintosh. AppleTalk must be active on the bridge computer. You turn AppleTalk on by opening the Chooser and clicking the AppleTalk Active button to select it. You may need to restart your computer for the change to take effect.

LocalTalk Bridge requires AppleTalk version 58 or later

Please install AppleTalk version 58 or later, then try again. The LocalTalk Bridge requires AppleTalk version 58.1.5 or greater to function. Reinstalling system software or installing a third-party card (with its accompanying driver software) might also install a version of AppleTalk that is too old for the LocalTalk Bridge. To remedy this problem, reinstall the LocalTalk Bridge software, using the Installer on the Apple LocalTalk Bridge floppy disk.

LocalTalk Bridge cannot continue because of a network number conflict
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Please restart the Macintosh. The non-LocalTalk network (Ethernet or Token Ring) can have one or more active routers, and additional routers might become active on the network after the LocalTalk Bridge is turned on. The additional routers might cause the network number conflict. If restarting the bridge computer does not fix the problem, contact your network administrator; the remedy may involve network reconfiguration.

LocalTalk Bridge cannot start because of an AppleTalk error

AppleTalk errors are rare, but may be caused by file or resource corruption. Check that network cables are securely attached and that all devices are properly terminated. If the problem persists, you may need to reinstall system software, then reinstall the LocalTalk Bridge.

LocalTalk Bridge could not obtain a LocalTalk address because all addresses are
in use by other network devices

Please contact your network administrator. Try restarting the bridge computer.
If restarting does not remedy the problem, contact your network administrator.
The remedy may involve reconfiguring the network.

LocalTalk Bridge was unable to start because of an unspecified error
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This message occurs if you install the LocalTalk Bridge on a 68000-based
Macintosh. The LocalTalk Bridge requires at least a 68020 processor.

Making AppleTalk inactive or switching network connections has stopped LocalTalk
Bridge services

Open the Chooser and turn AppleTalk on, then restart the bridge computer.

There is a router or a Macintosh running LocalTalk Bridge software on this
LocalTalk network

LocalTalk Bridge cannot run on a LocalTalk network that has a router or another
LocalTalk Bridge. You can only use the LocalTalk Bridge on a LocalTalk segment
that does not already have an active AppleTalk Internet Router, LaserWriter
Bridge, or LocalTalk Bridge. If the LocalTalk Bridge software detects a router
or another Bridge on the LocalTalk segment, the LocalTalk Bridge will not start
up. This error message also occurs if you install the LocalTalk Bridge on a
computer that also has a router installed. In order for the LocalTalk Bridge to
run, you need to remove the router software, then reinstall the LocalTalk
Bridge.

There is not enough memory available to start LocalTalk Bridge
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The LocalTalk Bridge driver requires approximately 70K of RAM to run. You can
try removing unnecessary system extensions (programs that start automatically
when the computer is turned on) or installing more memory.

Token Ring driver not compatible with MacIPX

The Token Ring driver is not compatible with MacIPX versions 1.1 and older.
Contact Novell Technical Support to obtain newer MacIPX software that works with
the Token Ring drivers. If you are not using Token Ring, remove the MacIPX Token
Ring components.

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