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## Ethernet/LocalTalk: TCP/IP Packets and GatorBox

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Security:       Everyone
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TOPIC ---------------------------------------------

The GatorBox is an Ethernet/LocalTalk bridge with NFS-to-AFP conversion.
NFS runs over TCP/IP. AFP is an AppleTalk protocol. One would assume that
the GatorBox takes NFS data in TCP/IP packets and converts them into
AppleTalk packets with AFP suitable for AppleShare-style access via the
Chooser.  One also would assume that no TCP/IP is ever sent on to the
LocalTalk side, and no AppleTalk on the Ethernet side, in this environment.
Is this true?

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

On the LocalTalk side, the TCP/IP packets are encapsulated within AppleTalk
packets by the router (the GatorBox) and shipped to the Macintosh. The
Macintosh then interprets the TCP/IP "data" and does the necessary
operations.  In the environment specified, it is likely that no AppleTalk
packets are being sent to the Ethernet, unless you are also using the
GatorBox as an AppleTalk router.

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