# Tech Info Library

## MacTCP 1.1: Server Addressing and Routing Information Field

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

I have a question about "Server" style addressing under MacTCP 1.1, and the
"Routing Information" field.  I'm using a Gatorbox CS Rack, and all of the
DDP/IP functions seem to be working fine.  I'm a little confused though,
about what seems to be a new feature.

Using Server mode addressing, and selecting the LocalTalk icon in MacTCP,
and the correct zone to find the IPGateway (LocalTalk side of Gatorbox), I
restart my system.  It obtains an address fine, and displays it in the
MacTCP address field (which seems to be a very nice new feature).

I'm confused about the address of the DDP/IP gateway (Gatorbox) now
appearing in the "Routing Information" field.  I've believed for several
years now that this field had nothing to do with the DDP/IP Gateway.  This
was an address of a true TCP/IP router that would forward IP traffic to IP
networks beyond the local one.  I also understood this function required
it, when not using RIP for local TCP/IP routing.

Why is this address displayed?  I know that with Server-based addressing,
the DDP/IP gateway is the device that needs to be used for truly setting
the default route information.  Does this "Routing Information" field have
two purposes now, depending on which address method I'm using?

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

You're correct about MacTCP 1.1 now displaying new information when using a
DDP/IP gateway (server mode addressing).  MacTCP 1.1 now displays the IP
address of the DDP/IP gateway in the default gateway field of the MacTCP
control panel device.  MacTCP 1.1 also displays the IP address received
from the DDP/IP gateway in the IP address field of the MacTCP control panel
device.  This new behavior in no way affects the way you configure or use
MacTCP in a DDP/IP gateway environment.  The additional information now
presented is useful as a feedback mechanism, and nothing more.
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