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## Apple IP Gateway 1.0.1: Setting Up Multiple Gateways (5/96)

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Security: Everyone

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TOPIC -----

This article describes how to setup Apple IP Gateway 1.0.1 so you have multiple gateways in the same zone.

DISCUSSION -----

You can set up multiple Apple IP Gateways in the same AppleTalk zone. Doing so allows you to balance the gateway service load between multiple machines, as well as to provide service to an additional 253 users per gateway.

To set up multiple gateways, you must configure the gateway to provide automatic addresses only; you cannot use manual addresses with multiple gateways. Also, Power Macintosh clients will not be able to locate a gateway if there are multiple gateways in a zone. Only MacTCP clients on non-Power Macintosh machines will be able to locate a gateway if multiple gateways are in use.

Follow these steps to set up multiple gateways in the same zone:

Step 1

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Purchase another copy of the Apple IP Gateway and install it on another machine.

Step 2

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Set up the second gateway machine in the same zone as the original gateway.

Step 3

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Divide the automatic address range of the original gateway into two ranges. Configure the original gateway with one of these ranges and the second gateway with the remaining range.

Step 4

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Start both gateways.

Clients connect to the first gateway that responds. When a gateway has no more addresses to give out, it ceases responding, thus allowing another gateway to respond to the client.

**IMPORTANT:**

If you have Power Macintosh clients that need to access a gateway, do not set up multiple gateways in the same zone.

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