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## DHCP

<https://campus.barracuda.com/doc/73719074/>

The DHCP service on the CloudGen Firewall automatically assigns IP addresses to clients that reside in a defined subnet. The DHCP Relay service forwards DHCP broadcast messages to network segments.

### DHCP Service

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Configure the DHCP service to assign IP addresses to network clients. In the DHCP server configuration, you can define address pools and explicitly map MAC addresses to a reserved IP address. You can also define additional parameters that are passed to the client when an IP address is requested.

For configuration instructions, see [How to Configure the DHCP Service](#) and [Advanced DHCP Settings](#).

### DHCP Relay

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Configure the DHCP Relay agent. DHCP relaying allows you to share a single DHCP server across logical network segments that are separated by a firewall. If you want to use DHCP and DHCP Relay on one firewall, you must use two separate servers.

For more information, see [How to Configure the DHCP Relay Agent](#).

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