



DHCP Option 82 on Stacked EtherSwitch Modules

This feature introduces support for DHCP relay agent information option (option 82) on stacked EtherSwitch network modules. This functionality is also available on standalone EtherSwitch network modules.

Automatic DHCP address allocation is typically based on an IP address, either the gateway IP address or the incoming interface IP address. In some networks, it is necessary to use additional information to further determine which IP addresses to allocate. By using the relay agent information option (option 82), the Cisco IOS relay agent can include additional information about itself when forwarding client-originated DHCP packets to a DHCP server.

Configuration Information

Configuration information is included in the “EtherSwitch Network Module” module of the *Cisco IOS Interface and Hardware Component Configuration Guide*, Release 12.4T, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/tif_c/index.htm

The following sections provide information about this feature:

- DHCP Option 82 Relay Agent on Stacked EtherSwitch Network Modules
- Configuring DHCP Address Allocation Using Option 82
- Configuring DHCP Option 82 Relay Agent on EtherSwitch Network Modules: Example

For a complete list of features included in the “EtherSwitch Network Module” module, see the Feature Information Table located toward the end of the module.

New or Modified Commands

There are no new or modified for this feature.

List of All Release 12.4T Commands

An alphabetical list of all Cisco IOS Release 12.4T commands is in the *Cisco IOS Master Commands List*, Release 12.4T, at the following URL:

- http://www.cisco.com/en/US/docs/ios/mcl/124tmcl/124t_book.html

List of All New, Modified, Removed, and Replaced Release 12.4T Commands

Alphabetized lists of all new, modified, removed, and replaced commands for each Cisco IOS Release 12.4T release are in the *Cisco IOS New, Modified, Removed, and Replaced Commands*, Release 12.4T, document at the following URL:

http://www.cisco.com/en/US/docs/ios/mcl/124tmcl/124t_nml.html

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