



## DHCP Server Multiple Subnet

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The DHCP Server Multiple Subnet feature enables multiple disjoint subnets to be configured under the same DHCP address pool. This functionality enables the DHCP server to manage additional IP addresses by adding the addresses to the existing DHCP address pool (instead of using a separate address pool). Multiple subnets in a DHCP address pool can occur along with or instead of managing individual client addresses.

See the “[DHCP Features Roadmap](#)” for information about which release trains support DHCP features.

## Configuration Information

Configuration information is included in the “Configuring the Cisco IOS DHCP Server” module of the *Cisco IOS IP Addressing Services Configuration Guide*, Release 12.4T, at the following URL:

[http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tgc/tiad\\_c/dhcp/htdhcpsv.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tgc/tiad_c/dhcp/htdhcpsv.htm)

The following sections provide information about this feature:

- Configuring a DHCP Address Pool
- DHCP Address Pool Configuration with Multiple Disjoint Subnets: Example

For a complete list of features included in the “Configuring the Cisco IOS DHCP Server” module, see the Feature Information Table located toward the end of the module.

## Command Reference Information

Release 12.2(33)SRB

The following commands are new or modified for this feature:

- **network (DHCP)**
- **override default-router**

Detailed information about these commands is included in the “[DHCP Commands](#)” chapter of the *Cisco IOS IP Addressing Services Command Reference*, Release 12.2SR, at the following URL:

- [http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/cr/sriad\\_r/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/cr/sriad_r/index.htm)



**Release 12.4(15)T**

The following commands are new or modified for this feature:

- **network (DHCP)**
- **override default-router**

Detailed information about these commands is included in the “DHCP Commands” chapter of the *Cisco IOS IP Addressing Services Command Reference*, Release 12.4T, at the following URL:

- [http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcr/tiad\\_r/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcr/tiad_r/index.htm)

## Master Commands Lists

Cisco IOS master commands lists provide an alphabetical list of all Cisco IOS commands in a Cisco IOS release.

Cisco IOS new, modified, removed, and replaced commands lists provide an alphabetized list of all new, modified, removed, and replaced commands in a Cisco IOS release.

**Release 12.2SR**

*Cisco IOS Master Commands List*, Release 12.2SR, at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/122srmdx/122sridx.htm>

**Release 12.4T**

*Cisco IOS Master Commands List*, Release 12.4T, at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124mindx/124htix.htm>

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