

Grouping Interfaces with Common DHCP Relay Configuration

Configuring a DHCP relay group enables you to apply a common DHCP relay agent configuration to a named group of interfaces. To configure a group, include the `group` statement at the `[edit forwarding-options dhcp-relay]` hierarchy level:

```
[edit forwarding-options dhcp-relay]
group group-name {
  dynamic-profile profile-name;
  active-server-group server-group-name;
  authentication {
    password password-string;
    username-include {
      circuit-type;
      delimiter delimiter-character;
      domain-name domain-name-string;
      logical-system-name;
      mac-address;
      option-60;
      option-82 [circuit-id] [remote-id];
      overrides {
        always-write-giaddr;
        always-write-option-82;
        layer2-unicast-replies;
        trust-option-82;
        disable-relay;
      }
      routing-instance-name;
      user-prefix user-prefix-string;
    }
  }
}
relay-option-60 {
  vendor-option {
    (equals | starts-with) (ascii match-string | hexadecimal match-hex) {
      (default-relay-server-group server-group-name |
      default-local-server-group local-server-group-name |
      drop);
    }
    (default-relay-server-group server-group-name |
    default-local-server-group local-server-group-name |
    drop);
  }
}
relay-option-82 {
  circuit-id {
    prefix host-name logical-system-name routing-instance-name;
  }
}
interface interface-name [upto upto-interface-name] [exclude];
```

}

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Configuring Group-Specific DHCP Relay Options

You can include the following statements at both the [edit forwarding-options dhcp-relay group *group-name*] hierarchy level to set group-specific DHCP relay agent configuration options, and at the [edit forwarding-options dhcp-relay] hierarchy level to set global DHCP relay agent configuration options:

- **active-server-group**—Configure an active server group to apply a common DHCP relay agent configuration to a named group of DHCP server addresses. For information, see [Configuring Active Server Groups](#).
- **authentication**—Configure the parameters the router sends to the external AAA server.
- **overrides**—Override the default configuration settings for the extended DHCP relay agent. For information, see [Overriding the Default DHCP Relay Configuration](#).
- **relay-option-60**—Use the DHCP vendor class identifier option (option 60) in DHCP client packets to select a DHCP server to which to forward packets. For more information, see [Using Option 60 Information to Forward Client Traffic to Specific DHCP Servers](#).
- **relay-option-82**—Enable or disable the insertion of option 82 information in packets destined for a DHCP server. For information, see [Enabling and Disabling Insertion of Option 82 Information](#).

The statements configured at the [edit forwarding-options dhcp-relay group *group-name*] hierarchy level apply only to the named group of interfaces, and override any global DHCP relay agent settings configured with the same statements at the [edit forwarding-options dhcp-relay] hierarchy level.

Enabling the DHCP Relay Agent on Specified Interfaces

To specify the names of one or more interfaces within a specified group on which the DHCP relay agent is enabled, include the **interface** statement at the [edit forwarding-options dhcp-relay group *group-name*] hierarchy level:

```
[edit forwarding-options dhcp-relay group group-name]  
interface interface-name;
```

You can include multiple **interface** *interface-name* statements to specify multiple interfaces within a group, but you cannot specify the same interface in more than one group.