

circuit-id

Syntax circuit-id {
 prefix hostname;
 use-interface-description;
 use-vlan-id;
}

Hierarchy Level [edit ethernet-switching-options secure-access-port vlan (all | *vlan-name*) dhcp-option82]
[edit forwarding-options helpers bootp dhcp-option82]
[edit forwarding-options helpers bootp interface *interface-name* dhcp-option82]

Release Information Statement introduced in JUNOS Release 9.3 for EX Series switches.

Description Configure the **circuit-id** suboption (suboption 1) of DHCP option 82 (the DHCP relay agent information option) in DHCP packets destined for a DHCP server. This suboption identifies the circuit (interface and/or VLAN) on which the DHCP request arrived.

The format of the **circuit-id** information for Gigabit Ethernet interfaces that use VLANs is *interface-name:vlan-name* . On a Layer 3 interface, the format is just *interface-name*.

The remaining statements are explained separately.

Default If DHCP option 82 is enabled on the switch, the circuit ID is supplied by default in the format *interface-name:vlan-name* or, on a Layer 3 interface, just *interface-name* .

Required Privilege Level routing—To view this statement in the configuration.
routing-control—To add this statement to the configuration.

- Related Topics**
- Example: Setting Up DHCP Option 82 on an EX Series Switch with No Relay Agent Between Clients and DHCP Server
 - Example: Setting Up DHCP Option 82 with an EX Series Switch as Relay Agent Between Clients and a DHCP Server
 - Setting Up DHCP Option 82 on the Switch with No Relay Agent Between Clients and DHCP Server (CLI Procedure)
 - Setting Up DHCP Option 82 with the Switch as a Relay Agent Between Clients and DHCP Server (CLI Procedure)
 - [edit forwarding options] Configuration Statement Hierarchy
 - RFC 3046, *DHCP Relay Agent Information Option*, at <http://tools.ietf.org/html/rfc3046>.

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