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 DCHP 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.