

# set protocols dhcp snooping vlan option82-policy

The **set protocols dhcp snooping vlan option82-policy** command configures how to handle the Option 82 field when receiving a DHCP Discover/Request/Release/Decline/Inform message with Option 82 on VLANs where DHCP snooping is enabled.

## Command Syntax

**set protocols dhcp snooping vlan <vlan-id> option82-policy <drop | keep | insert | replace>**

## Parameters

Parameter	Description
<b>vlan &lt;vlan-id&gt;</b>	Specifies a VLAN. The value is an integer that ranges from 1 to 4094.
<b>option82-policy &lt;drop   keep   insert   replace&gt;</b>	<p>Specifies the policy for Option 82. The value could be <b>drop</b>, <b>keep</b>, <b>insert</b> or <b>replace</b>.</p> <ul style="list-style-type: none"><li>• <b>drop</b>: drop the packet.</li><li>• <b>keep</b>: Option 82 in the packet remains unchanged and forwarded.</li><li>• <b>insert</b>: the existing Option 82 sub-options remain unchanged, and the non-existing Option 82 sub-options will be inserted with the value the administrator configured, then forward the packet to the DHCP server.</li><li>• <b>replace</b>: replace the Option 82 sub-options with the value administrator configured, and then forward the packet.</li></ul> <p>The default value is <b>keep</b>.</p>

## Usage Guidelines

Option 82 policy is used when receiving a DHCP Discover/Request/Release/Decline/Inform message from the DHCP client. When option82-policy is set to "insert" or "replace", you can use the following commands to set the format of circuit ID and remote ID sub-options:

**set protocols dhcp snooping option82 circuit-id <port-index | port-name | port-description>**

**set protocols dhcp snooping option82 remote-id <system-mac | hostname>**

For details about how Option 82 is processed by the DHCP snooping and DHCP relay module, see [Introduction of DHCP](#).

## Example

- Configure the Option 82 policy.

```
admin@Xorplus# set protocols dhcp snooping vlan 12 option82-policy insert
```