

DHCP Relay SNR

[DHCP Relay](#) -, DHCP- . DHCP , . , DHCP Relay, DHCP- VLAN, IP- DHCP- DHCP-.

SNR.

DHCP-:

```
service dhcp
```

DHCP-:

```
ip forward-protocol udp bootps
```

Option 82 DHCP-:

```
ip dhcp relay information option
```



!

, DHCP Snooping Information Option - DHCP Relay. DHCP Snooping Information Option DHCP Relay Information Option !

Option 82 (,):

```
ip dhcp relay information option subscriber-id format hex
```

VLAN (310) VLAN (300) DHCP-:

```
ip dhcp relay share-vlan 300 sub-vlan 310
```



!

VLAN , share-vlan ip helper-address , VLAN helper-address, DHCP-.

DHCP Snooping (,):

```
ip dhcp snooping enable
```

DHCP Snooping VLAN (,):

```
ip dhcp snooping vlan 310
```

DHCP-broadcast- (,):

```
ip dhcp snooping broadcast suppress
```

```
ip dhcp broadcast suppress
```

, DHCP- broadcast Trust- DHCP Snooping. - , .

DHCP Snooping Binding (,):

```
ip dhcp snooping binding enable
```

MAC-IP DHCP- (,):

Uplink-, DHCP-:

```
Interface <uplink>
  switchport mode trunk
  switchport trunk allowed vlan 300;310
  ip dhcp snooping trust
```

, IP-DHCP, DHCP-:

```
interface Vlan300
  ip address 10.0.130.10 255.255.255.0
  ip helper-address 10.0.130.253
```



VLAN , 'share-vlan' 'ip helper-address' , VLAN helper-address, DHCP-.

```
Interface Ethernet <customer>
  switchport access vlan 310
  ip dhcp snooping binding user-control
  ip dhcp snooping binding user-control max-user <count>
```