

How to set **Max Entry of DHCP Snoop** via NETSNMP in **DES-3200 A1/B1/C1 series?**

The OIDs are defined in "**swIpMacBindingPortDHCPsnoopMaxEntry**" of "**IPMacBind.mib**".

swIpMacBindingPortDHCPsnoopMaxEntry (1.3.6.1.4.1.171.12.23.3.2.1.5)

| | |
|-----------------|---|
| Object name | swIpMacBindingPortDHCPsnoopMaxEntry |
| Object ID | 1.3.6.1.4.1.171.12.23.3.2.1.5 |
| Module | IP-MAC-BIND-MIB |
| Base syntax | Integer |
| Composed syntax | INTEGER |
| Access | Read-Write |
| Status | Current |
| Parent node | swIpMacBindingPortEntry |
| First child | None |
| Description | <p>This object indicates the max entry created by DHCP packets on the specified port.</p> <p>Note:</p> <p>The max entry range is (0..N), the value N means the max number, it is determined by the project itself.</p> <p>When 0 is set on the specified port, the max entry created by DHCP packets is no limit.</p> |

For example, suppose Max Entry of DHCP Snoop on port 18 is "5".

How to set it to "9" or "no limit"?

```
DES-3200-28:5#show address_binding dhcp_snoop max_entry ports 18
Command: show address_binding dhcp_snoop max_entry ports 18

Port  Max Entry  Max IPv6 Entry
----  -
18    5           No Limit
```

Set Port Number and Max entry

OIDs: 1.3.6.1.4.1.171.12.23.3.2.1.5.**port** i **value**

port = port number

value = 0(no limit) or 1~10 ⇒ For HW version A1/B1

value = 0(no limit) or 1~50 ⇒ For HW version C1

Max entry = 9:

snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.23.3.2.1.5.18 i 9

```
C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.23.3.2.1.5.18 i 9
SNMPv2-SMI::enterprises.171.12.23.3.2.1.5.18 = INTEGER: 9
```

Result:

```
DES-3200-28:5#show address_binding dhcp_snoop max_entry ports 18
Command: show address_binding dhcp_snoop max_entry ports 18

Port  Max Entry  Max IPv6 Entry
----  -
18    9           No Limit
```

Max entry = no limit:

snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.23.3.2.1.5.18 i 0

```
C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.23.3.2.1.5.18 i 0
SNMPv2-SMI::enterprises.171.12.23.3.2.1.5.18 = INTEGER: 0
```

Result:

```
DES-3200-28:5#show address_binding dhcp_snoop max_entry ports 18
Command: show address_binding dhcp_snoop max_entry ports 18

Port  Max Entry  Max IPv6 Entry
----  -
18    No Limit   No Limit
```