

# 1 ARP Spoofing Prevention Commands

Command	Function
<a href="#">anti-arp-spoofing ip</a>	Enable gateway-targeted Address Resolution Protocol (ARP) spoofing prevention.
<a href="#">show anti-arp-spoofing</a>	Display data on gateway-targeted ARP spoofing prevention on all interfaces.

## 1.1 anti-arp-spoofing ip

### Function

Run the **anti-arp-spoofing ip** command to enable gateway-targeted Address Resolution Protocol (ARP) spoofing prevention.

Run the **no** form of this command to disable this feature.

Gateway-targeted ARP spoofing prevention is disabled by default.

### Syntax

**anti-arp-spoofing ip** *ipv4-address*

**no anti-arp-spoofing ip** *ipv4-address*

### Parameter Description

*ipv4-address*: IPv4 address of the gateway.

### Command Modes

Interface configuration mode

### Default Level

14

### Usage Guidelines

This command can be configured only on L2 interfaces.

### Examples

The following example enables gateway-targeted ARP spoofing prevention on GigabitEthernet 0/1 with the gateway IP address set to 192.168.1.1.

```
Hostname> enable
Hostname# configure terminal
Hostname(config)# interface gigabitethernet 0/1
Hostname(config-if-GigabitEthernet 0/1)# anti-arp-spoofing ip 192.168.1.1
```

### Notifications

N/A

### Common Errors

N/A

### Platform Description

N/A

### Related Commands

N/A

## 1.2 show anti-arp-spoofing

### Function

Run the **show anti-arp-spoofing** command to display data on gateway-targeted ARP spoofing prevention on all interfaces.

### Syntax

```
show anti-arp-spoofing
```

### Parameter Description

N/A

### Command Modes

All modes except the user EXEC mode

### Default Level

14

### Usage Guidelines

N/A

### Examples

The following example displays data on gateway-targeted ARP spoofing prevention on all interfaces.

```
Hostname> enable
Hostname# show anti-arp-spoofing
NO      PORT      IP          STATUS
1       Gi0/1     192.168.1.1 active
```

**Table 1-1** Output Fields of the show anti-arp-spoofing Command

Field	Description
NO	Serial number
PORT	Port information
IP	Gateway IP address
STATUS	Entry effective status

### Notifications

N/A

### Platform Description

N/A

**Related Commands**

- [anti-arp-spoofing ip](#)