

# 1 ARP Check Commands

Command	Function
<a href="#">arp-check</a>	Enable Address Resolution Protocol (ARP) Check.
<a href="#">show interfaces arp-check list</a>	Display effective ARP Check entries on an interface.

## 1.1 arp-check

### Function

Run the **arp-check** command to enable Address Resolution Protocol (ARP) Check.

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

ARP Check is disabled by default.

### Syntax

**arp-check**

**no arp-check**

### Parameter Description

N/A

### Command Modes

Interface configuration mode

### Default Level

14

### Usage Guidelines

Legitimate user information generated by security application modules is used to filter out invalid ARP packets in networks.

### Examples

The following example enables ARP Check on GigabitEthernet 0/1.

```
Hostname> enable
Hostname# configure terminal
Hostname(config)# interface gigabitethernet 0/1
Hostname(config-if-GigabitEthernet 0/1)# arp-check
```

### Notifications

N/A

### Common Errors

N/A

### Platform Description

N/A

### Related Commands

N/A

## 1.2 show interfaces arp-check list

### Function

Run the **show interfaces arp-check list** command to display effective ARP Check entries on an interface.

### Syntax

**show interfaces** [ *interface-type interface-number* ] **arp-check list**

### Parameter Description

*interface-type interface-number*: Interface type and interface number.

### Command Modes

All modes except the user EXEC mode

### Default Level

14

### Usage Guidelines

N/A

### Examples

The following example displays effective ARP Check entries on an interface.

```

Hostname> enable
Hostname(config)# show interfaces arp-check list
INTERFACE                SENDER MAC      SENDER IP      POLICY SOURCE
GigabitEthernet 0/1     00D0.F800.0003  192.168.1.3    address-bind
GigabitEthernet 0/1     00D0.F800.0001  192.168.1.1    port-security
GigabitEthernet 0/4                192.168.1.3    port-security
GigabitEthernet 0/5     00D0.F800.0003  192.168.1.3    address-bind
GigabitEthernet 0/7     00D0.F800.0006  192.168.1.6    AAA ip-auth-mode
GigabitEthernet 0/8     00D0.F800.0007  192.168.1.7    GSN

```

**Table 1-1** Output Fields of the show interfaces arp-check list Command

Field	Description
INTERFACE	Interface name
SENDER MAC	Source MAC address
SENDER IP	Source IP address
POLICY SOURCE	Record source

### Notifications

N/A

**Platform Description**

N/A

**Related Commands**

- [arp-check](#)