



## C Commands

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This chapter describes the Cisco NX-OS Layer 3 interfaces commands that begin with C.

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# clear ip arp

To clear the Address Resolution Protocol (ARP) information, use the **clear ip arp** command.

**clear ip arp** [*ip-addr* | **ethernet** *slot/port*[*.sub\_if*] | **loopback** *if\_number* | **port-channel** *number*[*.sub\_if\_number*]] [**force-delete** | **statistics**] [**vrf** *vrf-name* | **all** | **default** | **management**]

Syntax Description	
<i>ip-addr</i>	(Optional) IPv4 source address. The format is x.x.x.x.
<b>ethernet</b> <i>slot/port</i>	(Optional) Specifies the Ethernet interface and the slot number and port number. The slot number is from 1 to 255, and the port number is from 1 to 128.
<i>sub_if</i>	(Optional) Specifies the Ethernet subinterface port number. The range is from 1 to 48.
<b>loopback</b> <i>if_number</i>	(Optional) Specifies the loopback interface. The loopback interface number is from 0 to 1023.
<b>port-channel</b> <i>number</i>	(Optional) Specifies the EtherChannel interface and EtherChannel number. The range is from 1 to 4096.
<i>.sub_if_number</i>	(Optional) Subinterface number. The range is from 1 to 4093.
<b>force-delete</b>	(Optional) Clears the entries from the ARP table without a refresh.
<b>statistics</b>	(Optional) Clears ARP statistics.
<b>vrf</b> <i>vrf-name</i>	(Optional) Specifies the virtual routing and forwarding (VRF) context name. The name can be any case-sensitive, alphanumeric string up to 32 characters.
<b>all</b>	(Optional) Clears the ARP information from all VRF entries.
<b>default</b>	(Optional) Clears the ARP information from the default VRF.
<b>management</b>	(Optional) Clears the ARP information from the management VRF.

**Command Default** None

**Command Modes** Any command mode

Command History	Release	Modification
	6.0(2)N1(1)	This command was introduced.

**Examples** This example shows how to clear the ARP table:

```
switch# clear ip arp
```

Related Commands	Command	Description
	<b>show ip arp</b>	Displays information about ARP.

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# clear ip interface statistics

To clear IP interface statistics, use the **clear ip interface statistics** command.

```
clear ip interface statistics
```

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**Syntax Description** This command has no arguments or keywords.

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**Command Default** None

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**Command Modes** Any command mode

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<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	6.0(2)N1(1)	This command was introduced.

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**Examples** This example shows how to clear the IP interface statistics:

```
switch# clear ip interface statistics
```

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<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show ip interface</b>	Displays IP interface information.

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## clear ipv6 icmp interface statistics

To clear statistics about ICMPv6, use the **clear ipv6 icmp interface statistics** command.

```
clear ipv6 icmp interface statistics [type number]
```

Syntax Description	
<i>type</i>	(Optional) Interface type. Use ? to see the list of supported interfaces.
<i>number</i>	(Optional) Interface number. Use ? to see the range.

Defaults	
	None

Command Modes	
	Any command mode

Command History	Release	Modification
	6.0(2)N1(1)	This command was introduced.

Usage Guidelines	
	This command does not require a license.

Examples	
	This example shows how to clear the ICMPv6 statistics: <pre>switch(config-if)# clear ipv6 icmp interface statistics</pre>

Related Commands	Command	Description
	<b>ipv6 icmp</b>	Configures ICMPv6 on an interface.

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# clear ipv6 nd interface statistics

To clear information about Neighbor Discovery (ND), use the **clear ipv6 nd interface statistics** command.

```
clear ipv6 nd interface statistics [type number]
```

Syntax Description	
<i>type</i>	(Optional) Interface type. Use ? to see the list of supported interfaces.
<i>number</i>	(Optional) Interface number. Use ? to see the range.

Defaults	None
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Command Modes	Any command mode
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Command History	Release	Modification
	6.0(2)N1(1)	This command was introduced.

Usage Guidelines	This command does not require a license.
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Examples	This example shows how to clear the ND information: switch(config-if)# clear <b>ipv6 nd interface statistics</b>
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Related Commands	Command	Description
	<b>ipv6 nd</b>	Configures ICMPv6 ND on an interface.

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# clear ipv6 neighbor

To clear IPv6 neighbors, use the **clear ipv6 neighbor** command.

```
clear ipv6 neighbor [type number] [force-clear] [vrf vrf-name]
```

Syntax Description	
<i>type</i>	(Optional) Interface type. Use ? to see the list of supported interfaces.
<i>number</i>	(Optional) Interface number. Use ? to see the range.
<b>force-clear</b>	(Optional) Clears the IPv6 neighbor cache without a refresh.
<b>vrf vrf-name</b>	(Optional) Specifies the virtual router context (VRF) name. The name can be any case-sensitive, alphanumeric string up to 63 characters.

Defaults	
	None

Command Modes	
	Any command mode

Command History	Release	Modification
	6.0(2)N1(1)	This command was introduced.

Usage Guidelines	
	Use the <b>clear ipv6 neighbor</b> command to clear the IPv6 adjacency table.
	This command does not require a license.

Examples	
	This example shows how to clear the IPv6 neighbors:
	<pre>switch# <b>clear ipv6 neighbor</b></pre>

Related Commands	Command	Description
	<b>ipv6 nd</b>	Configures ICMPv6 ND on an interface.