



## 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**

<b>Syntax Description</b>	This command has no arguments or keywords.
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<b>Command Default</b>	None
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<b>Command Modes</b>	Any command mode
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<b>Command History</b>	Release	Modification
	6.0(2)N1(1)	This command was introduced.

<b>Examples</b>	<p>This example shows how to clear the IP interface statistics:</p> <pre>switch# clear ip interface statistics</pre>
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<b>Related Commands</b>	Command	Description
	show ip interface	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*]

<b>Syntax Description</b>	<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>Defaults</b>	None
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<b>Command Modes</b>	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.

<b>Usage Guidelines</b>	This command does not require a license.
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<b>Examples</b>	This example shows how to clear the ICMPv6 statistics:
	switch(config-if)# <b>clear ipv6 icmp interface statistics</b>

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<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*]

<b>Syntax Description</b>	<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>Defaults</b>	None
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<b>Command Modes</b>	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.

<b>Usage Guidelines</b>	This command does not require a license.
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<b>Examples</b>	This example shows how to clear the ND information:
	<pre>switch(config-if)# clear ipv6 nd interface statistics</pre>

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	ipv6 nd	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*]

<b>Syntax Description</b>	<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</b> <i>vrf-name</i>	(Optional) Specifies the virtual router context (VRF) name. The name can be any case-sensitive, alphanumeric string up to 63 characters.

<b>Defaults</b>	None
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<b>Command Modes</b>	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.

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

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

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