



## C Commands

---

This chapter describes the Cisco NX-OS MSDP commands that begin with C.

*Review Draft -- Cisco Confidential*

# clear ip msdp event-history

To clear information in the Multicast Source Discovery Protocol (MSDP) event history buffers, use the **clear ip msdp event-history** command.

**clear ip msdp event-history**

---

<b>Syntax Description</b>	This command has no arguments or keywords.
---------------------------	--

---

<b>Command Default</b>	None
------------------------	------

---

<b>Command Modes</b>	Any command mode
----------------------	------------------

---

<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 requires the LAN Base Services license.
-------------------------	--

---

<b>Examples</b>	This example shows how to clear information in the MSDP event history buffers:
-----------------	--

```
switch(config)# clear ip msdp event-history  
switch(config)#
```

---

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>ip msdp event-history</b>	Configures the size of the MSDP event history buffers.
	<b>show ip msdp event-history</b>	Displays information in the MSDP event history buffers.

---

**Review Draft -- Cisco Confidential**

# clear ip msdp peer

To clear a TCP connection to Multicast Source Discovery Protocol (MSDP) peers, use the **clear ip msdp peer** command.

**clear ip msdp peer** *peer-address* [**vrf** *vrf-name* | **default** | **management**]

**Syntax Description**

<i>peer-address</i>	IP address of the MSDP peer.
<b>vrf</b>	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
<i>vrf-name</i>	VRF name. The name can be a maximum of 32 alphanumeric characters and is case sensitive.
<b>default</b>	Specifies that the default VRF entry be cleared from the multicast routing table.
<b>management</b>	Specifies that the management VRF entry be cleared from the multicast routing table.

**Command Default**

None

**Command Modes**

Any command mode

**Command History**

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

**Usage Guidelines**

This command requires the LAN Base Services license.

**Examples**

This example shows how to clear a TCP connection to an MSDP peer:

```
switch# clear ip msdp peer 192.168.1.10
switch#
```

**Related Commands**

Command	Description
<b>show ip msdp peer</b>	Displays information about MSDP peers.

*Review Draft -- Cisco Confidential*

# clear ip msdp policy statistics sa-policy

To clear the Source-Active (SA) policy for Multicast Source Discovery Protocol (MSDP) peers, use the **clear ip msdp policy statistics sa-policy** command.

**clear ip msdp policy statistics sa-policy** *peer-address* { **in** | **out** } [**vrf** *vrf-name* | **default** | **management**]

Syntax Description	
<i>peer-address</i>	IP address of the MSDP peer for the SA policy.
<b>in</b>	Specifies the input policy.
<b>out</b>	Specifies the output policy.
<b>vrf</b>	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
<i>vrf-name</i>	VRF name. The name can be a maximum of 32 alphanumeric characters and is case sensitive.
<b>default</b>	(Optional) Specifies that the default VRF entry be cleared from the multicast routing table.
<b>management</b>	(Optional) Specifies that the management VRF entry be cleared from the multicast routing table.

**Command Default** None

**Command Modes** Any command mode

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

**Usage Guidelines** This command requires the LAN Base Services license.

**Examples** This example shows how to clear an SA policy for an MSDP peer:

```
switch# clear ip msdp policy statistics sa-policy
switch#
```

Related Commands	Command	Description
	<b>show ip msdp peer</b>	Displays information about MSDP peers.

**Review Draft -- Cisco Confidential**

# clear ip msdp route

To clear routes that match group entries in the Multicast Source Discovery Protocol (MSDP) Source-Active (SA) cache, use the **clear ip msdp route** command.

**clear ip msdp route** { \* | *group* | *group-prefix* } [**vrf** { *vrf-name* | **all** | **default** | **management** }]

Syntax Description		
	*	Specifies all sources for the group from the SA cache.
	<i>group</i>	Group address in the format <i>A.B.C.D</i> .
	<i>group-prefix</i>	Group prefix in the format <i>A.B.C.D/length</i> .
	<b>vrf</b>	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
	<i>vrf-name</i>	VRF name. The name can be a maximum of 32 alphanumeric characters and is case sensitive.
	<b>all</b>	Specifies that all VRF entries be cleared from the SA-cache.
	<b>default</b>	Specifies that the default VRF entry be cleared from the SA-cache.
	<b>management</b>	Specifies that the management VRF entry be cleared from the SA-cache.

Command Default	None
-----------------	------

Command Modes	Any command mode
---------------	------------------

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

Usage Guidelines	You can also use the <b>clear ip msdp sa-cache</b> command for the same function. This command requires the LAN Base Services license.
------------------	---

Examples	This example shows how to clear the MSDP SA cache:  switch# <b>clear ip msdp route *</b> switch#
----------	---

Related Commands	Command	Description
	<b>clear ip msdp sa-cache</b>	Clears the MSDP SA cache.

*Review Draft -- Cisco Confidential*

# clear ip msdp sa-cache

To clear routes that match group entries in the Multicast Source Discovery Protocol (MSDP) Source-Active (SA) cache, use the **clear ip msdp sa-cache** command.

**clear ip msdp sa-cache** { \* | *group* | *group-prefix* } [**vrf** { *vrf-name* | **all** | **default** | **management** }]

**Syntax Description**

<b>*</b>	Specifies all sources for the group from the SA cache.
<i>group</i>	Group address in the format <i>A.B.C.D</i> .
<i>group-prefix</i>	Group prefix in the format <i>A.B.C.D/length</i> .
<b>vrf</b>	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
<i>vrf-name</i>	VRF name. The name can be a maximum of 32 alphanumeric characters and is case sensitive.
<b>all</b>	Specifies that all VRF entries be cleared from the SA-cache.
<b>default</b>	Specifies that the default VRF entry be cleared from the SA-cache.
<b>management</b>	Specifies that the management VRF entry be cleared from the SA-cache.

**Command Default**

None

**Command Modes**

Any command mode

**Command History**

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

**Usage Guidelines**

You can also use the **clear ip msdp route** command for the same function.  
This command requires the LAN Base Services license.

**Examples**

This example shows how to clear the MSDP SA cache:

```
switch# clear ip msdp sa-cache
switch#
```

**Related Commands**

Command	Description
<b>clear ip msdp route</b>	Clears the MSDP SA cache.
<b>show ip msdp sa-cache</b>	Displays route information in the MSDP Source-Active cache.

**Review Draft -- Cisco Confidential**

# clear ip msdp statistics

To clear statistics for Multicast Source Discovery Protocol (MSDP) peers, use the **clear ip msdp statistics** command.

**clear ip msdp statistics** [*peer-address*] [**vrf** *vrf-name* | **default** | **management**]

**Syntax Description**

<i>peer-address</i>	(Optional) IP address of the MSDP peer.
<b>vrf</b>	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
<i>vrf-name</i>	VRF name. The name can be a maximum of 32 alphanumeric characters and is case sensitive.
<b>default</b>	(Optional) Specifies that the default VRF entry be cleared from the multicast routing table.
<b>management</b>	(Optional) Specifies that the management VRF entry be cleared from the multicast routing table.

**Command Default**

None

**Command Modes**

Any command mode

**Command History**

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

**Usage Guidelines**

This command requires the LAN Base Services license.

**Examples**

This example shows how to clear MSDP statistics for all MSDP peers:

```
switch# clear ip msdp statistics
switch#
```

**Related Commands**

Command	Description
<b>show ip msdp peer</b>	Displays information about MSDP peers.

***Review Draft -- Cisco Confidential***