



C Commands

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

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

Syntax Description This command has no arguments or keywords.

Command Default None

Command Modes Any command mode

| Command History | Release | Modification |
|-----------------|-------------|------------------------------|
| | 5.2(1)N1(1) | This command was introduced. |

Usage Guidelines This command requires the LAN Base Services license.

Examples This example shows how to clear information in the MSDP event history buffers:

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

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

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. |
| vrf | (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. |
| default | Specifies that the default VRF entry be cleared from the multicast routing table. |
| management | 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 |
|-------------|------------------------------|
| 5.2(1)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 |
|--------------------------|--|
| show ip msdp peer | Displays information about MSDP peers. |

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. |
| | in | Specifies the input policy. |
| | out | Specifies the output policy. |
| | vrf | (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. |
| | default | (Optional) Specifies that the default VRF entry be cleared from the multicast routing table. |
| | management | (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 |
| | 5.2(1)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 |
| | show ip msdp peer | Displays information about MSDP peers. |

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> . |
| vrf | | (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. |
| all | | Specifies that all VRF entries be cleared from the SA-cache. |
| default | | Specifies that the default VRF entry be cleared from the SA-cache. |
| management | | Specifies that the management VRF entry be cleared from the SA-cache. |

Command Default None

Command Modes Any command mode

| Command History | Release | Modification |
|-----------------|-------------|------------------------------|
| | 5.2(1)N1(1) | This command was introduced. |

Usage Guidelines You can also use the **clear ip msdp sa-cache** 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 route *
switch#
```

| Related Commands | Command | Description |
|------------------|-------------------------------|---------------------------|
| | clear ip msdp sa-cache | Clears the MSDP SA cache. |

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

| | |
|---------------------|--|
| * | 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> . |
| vrf | (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. |
| all | Specifies that all VRF entries be cleared from the SA-cache. |
| default | Specifies that the default VRF entry be cleared from the SA-cache. |
| management | Specifies that the management VRF entry be cleared from the SA-cache. |

Command Default

None

Command Modes

Any command mode

Command History

| Release | Modification |
|-------------|------------------------------|
| 5.2(1)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 |
|------------------------------|---|
| clear ip msdp route | Clears the MSDP SA cache. |
| show ip msdp sa-cache | Displays route information in the MSDP Source-Active cache. |

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. |
| vrf | (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. |
| default | (Optional) Specifies that the default VRF entry be cleared from the multicast routing table. |
| management | (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 |
|-------------|------------------------------|
| 5.2(1)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 |
|--------------------------|--|
| show ip msdp peer | Displays information about MSDP peers. |

■ clear ip msdp statistics