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

Supported User Roles

network-admin
network-operator
vdc-admin
vdc-operator

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 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

peer-address	IP address of the MSDP peer.
vrf	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
vrf-name	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

Supported User Roles

network-admin
network-operator
vdc-admin
vdc-operator

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
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

peer-address	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.
vrf-name	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

Supported User Roles

network-admin
network-operator
vdc-admin
vdc-operator

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
show ip msdp peer	Displays information about MSDP peers.

clear ip msdp route

Note Effective with Cisco NX-OS Release 4.0(3), the **clear ip msdp route** command is not available in Cisco NX-OS software. [Apolina: Note applies to N7K]

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.
group	Group address in the format *A.B.C.D*.
group-prefix	Group prefix in the format *A.B.C.D/length*.
vrf	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
vrf-name	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

Supported User Roles

network-admin
network-operator
vdc-admin
vdc-operator

Command History

Release	Modification
6.0(2)N1(1)	This command was introduced.
4.0(3)	This command was removed.

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.
group	Group address in the format *A.B.C.D*.
group-prefix	Group prefix in the format *A.B.C.D/length*.
vrf	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
vrf-name	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

Supported User Roles

network-admin
network-operator
vdc-admin
vdc-operator

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
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

peer-address	(Optional) IP address of the MSDP peer.
vrf	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
vrf-name	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

Supported User Roles

network-admin
network-operator
vdc-admin
vdc-operator

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
show ip msdp peer	Displays information about MSDP peers.