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C Commands

This chapter describes the Cisco NX-OS unicast routing commands that begin with the letter C.

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clear bgp

To clear Border Gateway Protocol (BGP) routes from the BGP table, use the **clear bgp** command.

```
clear bgp {{ipv4 | ipv6} {unicast | multicast} | all} {neighbor | * | as-number | peer-template
name | prefix} [vrf vrf-name]
```

Syntax	Description
ipv4	(Optional) Clear BGP information for IPv4 address family.
ipv6	(Optional) Clear BGP information for IPv6 address family.
unicast	Clears BGP information for unicast address family.
multicast	Clears BGP information for multicast address family.
all	(Optional) Clear BGP information for all address families.
<i>neighbor</i>	A network address. The format is A.B.C.D for IPv4 and A:B::C:D for IPv6.
<i>as-number</i>	Autonomous system number. The range is from 1 to 65535.
vrf <i>vrf-name</i>	(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.
peer-template <i>name</i>	Specifies a BGP peer template. The name can be any case-sensitive alphanumeric string up to 64 characters.
<i>prefix</i>	A prefix from the selected address family. The format is A.B.C.D/length for IPv4 and A:B::C:D/length for IPv6.

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.
	4.0(3)	Added support for IPv6 prefixes.

Usage Guidelines This command requires the Enterprise Services license.

Examples The following example shows how to clear all BGP entries:

```
switch# clear bgp all *
```

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clear bgp dampening

To clear Border Gateway Protocol (BGP) route flap dampening information, use the **clear bgp dampening** command.

```
clear bgp {{ ipv4 | ipv6 } { unicast | multicast } | all} dampening [neighbor | prefix] [vrf vrf-name]
```

Syntax	Description
ipv4	(Optional) Clears BGP information for IPv4 address family.
ipv6	(Optional) Clears BGP information for IPv6 address family.
unicast	Clears BGP information for unicast address family.
multicast	Clears BGP information for multicast address family.
all	(Optional) Clears BGP information for all address families.
<i>neighbor</i>	A neighbor from the selected address family. The format is A.B.C.D for IPv4.
<i>prefix</i>	A prefix from the selected address family. The format is A.B.C.D/length for IPv4.
vrf vrf-name	(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command requires the Enterprise Services license.

Examples The following example shows how to clear BGP route flap dampening information:

```
switch# clear bgp all dampening
```

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clear bgp flap-statistics

To clear Border Gateway Protocol (BGP) route flap statistics, use the **clear bgp flap-statistics** command.

```
clear bgp flap-statistics [neighbor | prefix] [vrf vrf-name]
```

Syntax Description		
	<i>neighbor</i>	A neighbor from the selected address family. The format is A.B.C.D for IPv4.
	<i>prefix</i>	A prefix from the selected address family. The format is A.B.C.D/length for IPv4.
	vrf <i>vrf-name</i>	(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults	
	None

Command Modes	
	Any

Supported User Roles	
	network-admin vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines	
	This command requires the Enterprise Services license.

Examples	
	The following example shows how to clear BGP route flap statistics: switch# clear bgp flap-statistics

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clear forwarding route

To clear forwarding information, use the **clear forwarding route** command.

```
clear forwarding {ip | ipv4 | ipv6} route [* | prefix] [vrf vrf-name]
```

Syntax Description		
ip		Clears an IPv4 route.
ipv4		Clears an IPv4 route.
ipv6		Clears an IPv6 route.
*		Clears all routes.
<i>prefix</i>		An IPv4 or IPv6 prefix. The IPv4 format is x.x.x.x/length. The IPv6 format is A:B::C:D/length.
vrf vrf-name		(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults None

Command Modes Any

SupportedUserRoles network-admin
vdc-admin

Command History	Release	Modification
	4.0(3)	This command was introduced.

Usage Guidelines This command does not require a license.

Examples The following example clears a route from the FIB:

```
switch# clear forwarding ip 10.0.0.1/8
```

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clear ip adjacency statistics

To clear adjacency statistics, use the **clear ip adjacency statistics** command.

clear ip adjacency statistics

Syntax Description This command has no keywords or arguments.

Defaults None

Command Modes Any command mode

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

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command does not require a license.

Examples This example clears the adjacency statistics:

```
switch# clear ip adjacency statistics
```

Related Commands	Command	Description
	show ip adjacency	Displays adjacency information.

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clear ip arp

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

```
show ip arp [ip-addr | interface] [statistics] [vrf vrf-name]
```

Syntax	Description
<i>ip-addr</i>	(Optional) An IPv4 source address. The format is x.x.x.x.
<i>interface</i>	(Optional) An interface. Use ? to determine the supported interface types.
static	(Optional) Clears static ARP entries.
statistics	(Optional) Clears ARP statistics.
<i>vrf vrf-name</i>	(Optional) Specifies the virtual router context (VRF) name. The name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults None

Command Modes Any command mode

Supported User Roles network-admin
network-operator
vdc-admin
vdc-operator

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command does not require a license.

Examples This example clears the ARP table:

```
switch# clear ip arp
```

Related Commands	Command	Description
	show ip arp	Displays information about ARP.

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clear ip bgp

To clear Border Gateway Protocol (BGP) routes from the BGP table, use the **clear ip bgp** command.

```
clear ip bgp [ipv4 {unicast | multicast}] {neighbor | * | as-number | peer-template name | prefix}
[vrf vrf-name]
```

Syntax Description		
ipv4	(Optional) Clear BGP information for IPv4 address family.	
unicast	Clears BGP information for unicast address family.	
multicast	Clears BGP information for multicast address family.	
all	(Optional) Clear BGP information for all address families.	
<i>neighbor</i>	A network address. The format is A.B.C.D for IPv4 and A:B::C:D for IPv6.	
<i>as-number</i>	Autonomous system number. The range is from 1 to 65535.	
vrf <i>vrf-name</i>	(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.	
peer-template <i>name</i>	Specifies a BGP peer template. The name can be any case-sensitive alphanumeric string up to 64 characters.	
<i>prefix</i>	A prefix from the selected address family. The format is A.B.C.D/length for IPv4 and A:B::C:D/length for IPv6.	

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command requires the Enterprise Services license.

Examples The following example shows how to clear all BGP entries for the IPv4 address family:

```
switch# clear ip bgp *
```

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clear ip bgp dampening

To clear Border Gateway Protocol (BGP) route flap dampening information, use the **clear ip bgp dampening** command.

```
clear ip bgp {ipv4 {unicast | multicast}} dampening [neighbor | prefix] [vrf vrf-name]
```

Syntax Description		
ipv4	(Optional)	Clears BGP information for IPv4 address family.
unicast		Clears BGP information for unicast address family.
multicast		Clears BGP information for multicast address family.
<i>neighbor</i>		A neighbor from the selected address family. The format is A.B.C.D for IPv4.
<i>prefix</i>		A prefix from the selected address family. The format is A.B.C.D/length for IPv4.
vrf vrf-name	(Optional)	Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults None

Command Modes Any

SupportedUserRoles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command requires the Enterprise Services license.

Examples The following example shows how to clear BGP route flap dampening information:

```
switch# clear ip bgp dampening
```

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clear ip bgp flap-statistics

To clear Border Gateway Protocol (BGP) route flap statistics, use the **clear ip bgp flap-statistics** command.

clear ip bgp flap-statistics [*neighbor* | *prefix*] [**vrf** *vrf-name*]

Syntax Description		
<i>neighbor</i>		A neighbor from the selected address family. The format is A.B.C.D for IPv4.
<i>prefix</i>		A prefix from the selected address family. The format is A.B.C.D/length for IPv4.
vrf <i>vrf-name</i>		(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command requires the Enterprise Services license.

Examples The following example shows how to clear BGP route flap statistics:

```
switch# clear ip bgp flap-statistics
```

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clear ip eigrp accounting

To clear the prefix accounting information for the Enhanced Interior Gateway Routing Protocol (EIGRP) processes, use the **clear ip eigrp accounting** command.

```
clear ip eigrp [vrf {vrf-name | *}] [instance-tag] accounting
```

Syntax Description		
vrf <i>vrf-name</i>	(Optional) Name of the virtual routing and forwarding (VRF) instance. The <i>vrf-name</i> argument can be specified as any case-insensitive alphanumeric string up to 32 characters. The strings “default” and “all” are reserved VRF names.	
vrf *	(Optional) Specifies all VRF instances.	
<i>instance-tag</i>	(Optional) Instance tag. This option is available when a virtual routing and forwarding (VRF) instance is not specified. The instance tag can be any case-sensitive alphanumeric string up to 64 characters.	

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(3)	This command was introduced.

Usage Guidelines This command requires the Enterprise Services license.

Examples This example shows how to clear the EIGRP accounting information:

```
switch# clear ip eigrp accounting
```

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clear ip eigrp neighbors

To remove and reestablish the Enhanced Interior Gateway Routing Protocol (EIGRP) neighbor entries from the appropriate table, use the **clear ip eigrp neighbors** command in EXEC mode.

```
clear ip eigrp [instance-tag] neighbors [* | ip-address | interface-type interface-instance] [soft]
[vrf {vrf-name | *}]
```

Syntax Description	
<i>instance-tag</i>	(Optional) Instance identifier. The instance-tag can be any case-sensitive alphanumeric string up to 64 characters.
*	(Optional) Clears all neighbors.
<i>ip-address</i>	(Optional) Address of the neighbor.
<i>interface-type</i>	(Optional) Interface type. For more information, use the question mark (?) CLI help function.
<i>interface-instance</i>	(Optional) Either a physical interface instance or a virtual interface instance. Specifying these arguments removes the specified interface type from the neighbor table that all entries learned via this interface. For more information about the interface syntax, use the question mark (?) online help function.
soft	(Optional) Specifies soft reset for the neighbors.
vrf { <i>vrf-name</i> *}	(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name is an alphanumeric string of up to 32 characters.

Defaults When no autonomous system number, interface, or VRF instance is specified, all EIGRP neighbor entries are cleared from the table.

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.
	4.0(3)	Added * and soft keywords.

Usage Guidelines This command requires the Enterprise Services license.

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Examples

The following example shows how to clear all EIGRP entries for neighbors on Ethernet interface 2/1:

```
switch# clear ip eigrp vrf * neighbors ethernet 2/1
```

clear ip eigrp neighbors***Send document comments to nexus7k-docfeedback@cisco.com***

Related Commands	Command	Description
	show eigrp interfaces	Displays information about interfaces configured for EIGRP.
	show eigrp neighbors	Displays the neighbors discovered by EIGRP.

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clear ip eigrp policy statistics redistribute

To clear policy statistics for routes redistributed into the the Enhanced Interior Gateway Routing Protocol (EIGRP) topology table, use the **clear ip eigrp policy statistics redistribute** command.

```
clear ip eigrp [vrf {vrf-name | *}] policy statistics redistribute {bgp id | direct | eigrp id | isis id
| ospf id | rip id | static}
```

Syntax Description	
vrf <i>vrf-name</i> *	(Optional) Specifies a particular virtual routing and forwarding (VRF) instance. The VRF name is an alphanumeric string of up to 32 characters.
bgp	Clears policy statistics for the Border Gateway Protocol (BGP).
direct	Clears policy statistics for directly connected routes only.
eigrp	Clears policy statistics for EIGRP.
isis	Clears policy statistics for the Intermediate-System to Intermediate-System (IS-IS) routing protocol.
ospf	Clears policy statistics for the Open Shortest Path First (OSPF) protocol.
rip	Clears policy statistics for the Routing Information Protocol (RIP).
static	Clears policy statistics for IP static routes.
<i>id</i>	<p>For the bgp keyword, an autonomous system number. The range for 2-byte numbers is from 1 to 65535. The range for 4-byte numbers is from 1.0 to 65535.65535.</p> <p>For the eigrp keyword, an EIGRP instance name from which routes are to be redistributed. The value takes the form of a string. You can enter a decimal number, but Cisco NX-OS stores it internally as a string.</p> <p>For the isis keyword, an IS-IS instance name from which routes are to be redistributed. The value takes the form of a string. You can enter a decimal number, but Cisco NX-OS stores it internally as a string.</p> <p>For the ospf keyword, an OSPF instance name from which routes are to be redistributed. The value takes the form of a string. You can enter a decimal number, but Cisco NX-OS stores it internally as a string.</p>

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

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Command History	Release	Modification
	4.0(1)	This command was introduced.
	4.0(3)	This command was removed and replaced by the clear ip eigrp route-map statistics command.

Usage Guidelines This command requires the Enterprise Services license.

Examples The following example shows how to clear policy statistics for RIP:

```
switch# clear ip eigrp policy statistics redistribute rip 201
```

Related Commands	Command	Description
	show ip eigrp policy statistics	Displays policy statistics for EIGRP.

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clear ip eigrp route-map statistics redistribute

To clear statistics for routes redistributed into the the Enhanced Interior Gateway Routing Protocol (EIGRP) topology table, use the **clear ip eigrp route-map statistics redistribute** command.

```
clear ip eigrp [vrf {vrf-name | *}] route-map statistics redistribute {bgp id | direct | eigrp id |
isis id | ospf id | rip id | static}
```

Syntax Description	
vrf <i>vrf-name</i> *	(Optional) Specifies a particular virtual routing and forwarding (VRF) instance. The VRF name is an alphanumeric string of up to 32 characters.
bgp	Clears policy statistics for the Border Gateway Protocol (BGP).
direct	Clears policy statistics for directly connected routes only.
eigrp	Clears policy statistics for EIGRP.
isis	Clears policy statistics for the Intermediate-System to Intermediate-System (IS-IS) routing protocol.
ospf	Clears policy statistics for the Open Shortest Path First (OSPF) protocol.
rip	Clears policy statistics for the Routing Information Protocol (RIP).
static	Clears policy statistics for IP static routes.
<i>id</i>	<p>For the bgp keyword, an autonomous system number. The range for 2-byte numbers is from 1 to 65535. The range for 4-byte numbers is from 1.0 to 65535.65535.</p> <p>For the eigrp keyword, an EIGRP instance name from which routes are to be redistributed. The value takes the form of a string. You can enter a decimal number, but Cisco NX-OS stores it internally as a string.</p> <p>For the isis keyword, an IS-IS instance name from which routes are to be redistributed. The value takes the form of a string. You can enter a decimal number, but Cisco NX-OS stores it internally as a string.</p> <p>For the ospf keyword, an OSPF instance name from which routes are to be redistributed. The value takes the form of a string. You can enter a decimal number, but Cisco NX-OS stores it internally as a string.</p>

Defaults None

Command Modes Any

SupportedUserRoles network-admin
vdc-admin

Command History	Release	Modification
	4.0(3)	This command was introduced.

clear ip eigrp route-map statistics redistribute

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Usage Guidelines

This command replaces the **clear ip eigrp policy statistics redistribute** command.
This command requires the Enterprise Services license.

Examples

The following example shows how to clear policy statistics for RIP:

```
switch# clear ip eigrp route-map statistics redistribute rip 201
```

Related Commands

Command	Description
show ip eigrp route-map statistics	Displays redistribution statistics for EIGRP.

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clear ip eigrp traffic

To clear the Enhanced Interior Gateway Routing Protocol (EIGRP) traffic statistics, use the **clear ip eigrp traffic** command.

```
clear ip eigrp [instance-tag] traffic [vrf {vrf-name | *}]
```

Syntax Description		
<i>instance-tag</i>	(Optional) Instance of EIGRP. The instance tag can be any case-sensitive alphanumeric string up to 64 characters.	
vrf <i>vrf-name</i>	(Optional) Name of the virtual routing and forwarding (VRF) instance. The <i>vrf-name</i> argument can be specified as any case-insensitive alphanumeric string up to 32 characters. The strings “default” and “all” are reserved VRF names.	
vrf *	(Optional) Specifies all VRF instances.	

Defaults This command clears information for the default VRF if no VRF is specified.

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(3)	This command was introduced.

Usage Guidelines This command requires the Enterprise Services license.

Examples This example shows how to clear the EIGRP traffic statistics:

```
switch# clear ip eigrp traffic
```

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clear ip interface statistics

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

clear ip interface statistics

Syntax Description This command has no keywords or arguments.

Defaults None

Command Modes Any command mode

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

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command does not require a license.

Examples This example clears the IP interface statistics:

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

Related Commands	Command	Description
	show ip interface	Displays IP interface information.

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clear ip mbgp

To clear Multiprotocol Border Gateway Protocol (MBGP) routes from the BGP table, use the **clear ip mbgp** command.

```
clear ip mbgp {neighbor | * | as-number | peer-template name | prefix} [vrf vrf-name]
```

Syntax Description		
<i>neighbor</i>		A network address. The format is A.B.C.D for IPv4.
<i>as-number</i>		Autonomous system number. The range is from 1 to 65535.
vrf <i>vrf-name</i>		(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.
peer-template <i>name</i>		Specifies a BGP peer template. The name can be any case-sensitive alphanumeric string up to 64 characters.
<i>prefix</i>		A prefix from the selected address family. The format is A.B.C.D/length for IPv4.

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command requires the Enterprise Services license.

Examples The following example shows how to clear all MBGP entries for the IPv4 address family:

```
switch# clear ip mbgp *
```

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clear ip mbgp dampening

To clear Multiprotocol Border Gateway Protocol (MBGP) route flap dampening information, use the **clear ip mbgp dampening** command.

```
clear ip mbgp dampening [neighbor | prefix] [vrf vrf-name]
```

Syntax Description		
<i>neighbor</i>		A neighbor from the selected address family. The format is A.B.C.D for IPv4.
<i>prefix</i>		A prefix from the selected address family. The format is A.B.C.D/length for IPv4.
vrf <i>vrf-name</i>		(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults	
	None

Command Modes	
	Any

Supported User Roles	
	network-admin vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines	
	This command requires the Enterprise Services license.

Examples	
	The following example shows how to clear MBGP route flap dampening information: switch# clear ip mbgp dampening

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clear ip mbgp flap-statistics

To clear Multiprotocol Border Gateway Protocol (MBGP) route flap statistics, use the **clear ip mbgp flap-statistics** command.

```
clear ip mbgp flap-statistics [neighbor | prefix] [vrf vrf-name]
```

Syntax Description		
<i>neighbor</i>		A neighbor from the selected address family. The format is A.B.C.D for IPv4.
<i>prefix</i>		A prefix from the selected address family. The format is A.B.C.D/length for IPv4.
vrf <i>vrf-name</i>		(Optional) Specifies a particular VPN routing and forwarding instance (VRF) or all VRF instances. The VRF name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command requires the Enterprise Services license.

Examples The following example shows how to clear MBGP route flap statistics:

```
switch# clear ip mbgp flap-statistics
```

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clear ip ospf neighbor

To clear neighbor statistics and reset adjacencies for Open Shortest Path First (OSPF), use the **clear ip ospf neighbor** command.

```
clear ip ospf [instance-tag] [vrf vrf-name] neighbor { * | neighbor-id | interface-type number | loopback number | port-channel number }
```

Syntax Description		
<i>instance-tag</i>	(Optional) Instance tag. Specify as an alphanumeric string of up to 20 characters.	
vrf <i>vrf-name</i>	(Optional) Specifies the name of the OSPF virtual routing and forwarding instance (VRF). The <i>vrf-name</i> argument can be any alphanumeric string of up to 32 characters, except “default” and “all”.	
*	Clears all neighbors.	
<i>neighbor-id</i>	Specifies the Neighbor ID (as an IP address) of the neighbor to clear.	
<i>interface-type number</i>	Specifies interface from which to clear all neighbors.	
loopback <i>number</i>	Clears all neighbors on a loopback interface.	
port-channel <i>number</i>	Clears all neighbors on a port-channel interface.	

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines Use the **clear ip ospf neighbor** command to clear neighbor information from the **show ip ospf neighbor** command. Use the *instance-tag* argument to clear the neighbor details from one OSPF instance. If you do not use the *instance-tag* argument, Cisco NX-OS clears the neighbor details from all OSPF instances. Use the **show ip ospf neighbor** command to find the neighbor ID.

This command requires the Enterprise Services license.

Examples The following example shows how to clear all OSPF neighbor details for neighbor 192.0.2.1 for instance tag 201:

```
switch# clear ip ospf 201 neighbor 192.0.2.1
```

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The following example shows how to clear all OSPF neighbor details for all OSPF instances:

```
switch# clear ip ospf neighbor *
```

The following example shows how to clear all OSPF neighbor details for all neighbors on Ethernet interface 1/2 for OSPF instance 202:

```
switch# clear ip ospf 202 neighbor ethernet 1/2
```

Related Commands

Command	Description
show ip ospf neighbor	Displays details for OSPF neighbors including the neighbor ID.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ip ospf policy statistics

To clear policy statistics for Open Shortest Path First (OSPF), use the **clear ip ospf policy statistics** command.

```
clear ip ospf [instance-tag] [vrf vrf-name] policy statistics {area area-id filter-list {in | out} |
redistribute {bgp autonomous-system | direct | eigrp autonomous-system | isis id | ospf id | rip
id | static}}
```

Syntax	Description
<i>instance-tag</i>	(Optional) Instance tag. Specify as an alphanumeric string of up to 20 characters.
<i>vrf vrf-name</i>	(Optional) Specifies the name of the OSPF virtual routing and forwarding instance (VRF). The <i>vrf-name</i> argument can be any alphanumeric string of up to 32 characters, except “default” and “all”.
area	Clears policy statistics for an area.
<i>area-id</i>	Area ID as an integer or IP address.
filter-list	Specifies the policy statistics for filtered prefixes between OSPF areas.
in	Filters prefixes sent into this OSPF area.
out	Filters prefixes sent from this OSPF area.
redistribution	Clears OSPF route redistribution statistics.
bgp <i>autonomous-system</i>	Specifies the autonomous system number for the Border Gateway Protocol. Specify the autonomous system number as <i>x.y</i> , where the range is from 1 to 65535 for both <i>x</i> and <i>y</i> , or as a single integer, where the range is from 1 to 65535.
direct	Specifies directly connected routes.
eigrp <i>autonomous-system</i>	Specifies the autonomous system number for the Enhanced Interior Gateway Protocol. The range is from 1 to 65535.
isis <i>id</i>	Specifies the Intermediate System to Intermediate System instance. Specify the <i>id</i> argument as any alphanumeric string.
ospf <i>id</i>	Specifies the Open Shortest Path First version 2 instance. Specify the <i>id</i> argument as any alphanumeric string.
rip <i>id</i>	Specifies the Routing Information Protocol instance. Specify the <i>id</i> argument as any alphanumeric string.
static	Specifies static routes.

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Send document comments to nexus7k-docfeedback@cisco.com

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines

Use the **clear ip ospf statistics** command to learn the policy statistics shown in the **show ip ospf policy statistics** command. Use the *instance-tag* argument to clear the policy statistics from one OSPF instance. If you do not specify the instance tag.

Cisco NX-OS clears the policy statistics from all OSPF instances. Use the **show ip ospf policy statistics** command to view the statistics that you are clearing.

This command requires the Enterprise Services license.

Examples

The following example shows how to clear all OSPF policy statistics for area 99 inbound filtered routes for OSPF 201:

```
switch# clear ip ospf 201 policy statistics area 99 filter-list in
```

The following example shows how to clear all OSPF policy statistics for all BGP redistributed routes for OSPF 202:

```
switch# clear ip ospf 202 policy statistics redistribute bgp
```

Related Commands	Command	Description
	show ip ospf policy statistics	Displays details for OSPF policies.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ip ospf statistics

To clear Open Shortest Path First (OSPF) event statistics, use the **clear ip ospf statistics** command.

clear ip ospf [*instance-tag*] [**vrf** *vrf-name*] **statistics**

Syntax Description	
<i>instance-tag</i>	(Optional) Instance tag. Specify as an alphanumeric string of up to 20 characters.
vrf <i>vrf-name</i>	(Optional) Specifies the name of the OSPF virtual routing and forwarding instance (VRF). The <i>vrf-name</i> argument can be any alphanumeric string of up to 32 characters, except “default” and “all”.

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines Use the **clear ip ospf statistics** command to clear the event statistics from one or more OSPF instances. If you do not specify the *instance-tag* argument, Cisco NX-OS clears statistics from all OSPF instances. Use the **show ip ospf statistics** command to view the statistics that you are clearing.

This command requires the Enterprise Services license.

Examples The following example shows how to clear all OSPF event statistics:

```
switch# clear ip ospf statistics
```

Related Commands	Command	Description
	show ip ospf statistics	Displays event statistics for OSPF.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ip ospf traffic

To clear Open Shortest Path First (OSPF) traffic statistics, use the **clear ip ospf traffic** command.

```
clear ip ospf [instance-tag] traffic [interface] [vrf vrf-name]
```

Syntax Description		
<i>instance-tag</i>	(Optional) Instance tag. Specify as an alphanumeric string of up to 20 characters.	
<i>interface</i>	(Optional) Interface to clear traffic statistics for. Use the ? option to see the interface options.	
vrf <i>vrf-name</i>	(Optional) Specifies the name of the OSPF virtual routing and forwarding instance (VRF). The <i>vrf-name</i> argument can be any alphanumeric string of up to 32 characters, except “default” and “all”.	

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.
	4.0(3)	Added <i>interface</i> argument.

Usage Guidelines Use the **clear ip ospf traffic** command to clear the traffic statistics from one or more OSPF instances. If you do not specify the *instance-tag* argument, Cisco NX-OS clears traffic statistics from all OSPF instances. Use the **show ip ospf traffic statistics** command to view the statistics that you are clearing. This command requires the Enterprise Services license.

Examples The following example shows how to clear OSPF traffic statistics for OSPF 100:

```
switch# clear ip ospf 100 traffic
```

Related Commands	Command	Description
	show ip ospf traffic statistics	Displays OSPF traffic statistics.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ip rip policy statistics redistribute

To clear policy statistics for routes redistributed into the the Routing Information Protocol (RIP) topology table, use the **clear ip rip policy statistics redistribute** command in any mode.

```
clear ip rip [vrf vrf-name] policy statistics redistribute { bgp id | direct | eigrp id | isis id | ospf id | ospfv3 id | static }
```

Syntax Description	
vrf <i>vrf-name</i>	(Optional) Specifies a particular virtual routing and forwarding (VRF) instance. Length is up to 32 alphanumeric characters.
bgp	Clears policy statistics for the Border Gateway Protocol (BGP).
direct	Clears policy statistics for directly connected routes only.
eigrp	Clears policy statistics for the Enhanced Interior Gateway Routing Protocol (EIGRP).
isis	Clears policy statistics for the Intermediate-System to Intermediate-System (IS-IS) routing protocol.
ospf	Clears policy statistics for the Open Shortest Path First (OSPF) protocol.
ospfv3	Clears policy statistics for the Open Shortest Path First version 3 (OSPFv3) protocol.
static	Clears policy statistics for IP static routes.
<i>id</i>	<p>For the bgp keyword, an autonomous system number. The range for 2-byte numbers is from 1 to 65535. The range for 4-byte numbers is from 1.0 to 65535.65535.</p> <p>For the eigrp keyword, an EIGRP instance name from which routes are to be redistributed. The value takes the form of a string. You can enter a decimal number, but Cisco NX-OS stores it internally as a string.</p> <p>For the isis keyword, an IS-IS instance name from which routes are to be redistributed. The value takes the form of a string. You can enter a decimal number, but Cisco NX-OS stores it internally as a string.</p> <p>For the ospf keyword, an OSPF instance name from which routes are to be redistributed. The value takes the form of a string. You can enter a decimal number, but Cisco NX-OS stores it internally as a string.</p>

Defaults This command has no default settings.

Command Modes Any

SupportedUserRoles network-admin
vdc-admin

Send document comments to nexus7k-docfeedback@cisco.com

Command History

Release	Modification
4.0(1)	This command was introduced.

Usage Guidelines

This command does not require a license.

Examples

The following example shows how to clear policy statistics for EIGRP:

```
switch# clear ip rip policy statistics redistribute eigrp 201
```

Related Commands

Command	Description
<code>show ip rip policy statistics</code>	Displays policy statistics for RIP.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ip rip statistics

To clear the the Routing Information Protocol (RIP) statistics, use the **clear ip rip statistics** command in any mode.

```
clear ip rip [vrf vrf-name] statistics [interface type instance]
```

Syntax Description		
vrf [<i>vrf-name</i>]	(Optional)	Specifies a particular virtual routing and forwarding (VRF) instance. The VRF name is up to 32 alphanumeric characters.
interface <i>type instance</i>	(Optional)	Specifies the interface to clear topology entries.

Defaults	This command has no default settings.
----------	---------------------------------------

Command Modes	Any
---------------	-----

SupportedUserRoles	network-admin vdc-admin
--------------------	----------------------------

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines	This command does not require a license.
------------------	--

Examples	The following example shows how to clear all RIP statistics:
----------	--

```
switch# clear ip rip statistics
```

Related Commands	Command	Description
	show rip statistics	Displays database and interface entry information for the RIP process.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ip route

To clear individual routes from the unicast RIB, use the **clear ip route** command.

```
clear ip route [* | addr | prefix] [vrf vrf-name]
```

Syntax Description	
*	(Optional) Clears all routes.
addr	(Optional) Clears this route. The format is x.x.x.x.
addr	(Optional) Clears this prefix. The format is x.x.x.x/length.
vrf vrf-name	(Optional) Specifies the virtual router context (VRF) name. The name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults None

Command Modes Any command mode

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

Command History	Release	Modification
	4.0(3)	This command was introduced.

Usage Guidelines Use the **clear ip route** command to clear individual routes from the route table.



Note

The * keyword is severely disruptive to routing.

This command does not require a license.

Examples This example clears the individual route:

```
switch(config)# clear ip route 192.0.2.1
```

Related Commands	Command	Description
	show ip route	Displays entries in the route table.

Send document comments to nexus7k-docfeedback@cisco.com

clear ip traffic

To clear IP traffic information, use the **clear ip traffic** command.

clear ip traffic

Syntax Description This command has no keywords or arguments.

Defaults None

Command Modes Any command mode

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

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command does not require a license.

Examples This example clears the IP traffic information:

```
switch(config)# clear ip traffic
```

Related Commands	Command	Description
	show ip traffic	Displays IP traffic information.

Send document comments to nexus7k-docfeedback@cisco.com

clear ipv6 adjacency statistics

To clear adjacency statistics, use the **clear ipv6 adjacency statistics** command.

clear ipv6 adjacency statistics

Syntax Description This command has no keywords or arguments.

Defaults None

Command Modes Any command mode

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

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command does not require a license.

Examples This example clears the adjacency statistics:

```
switch# clear ipv6 adjacency statistics
```

Related Commands	Command	Description
	show ipv6 adjacency	Displays adjacency information.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

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

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

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command does not require a license.

Examples This example clears ICMPv6 statistics:

```
switch(config-if)# clear ipv6 icmp interface statistics
```

Related Commands	Command	Description
	ipv6 icmp	Configures ICMPv6 on an interface.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

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

Command Modes Any command mode

Supported User Roles network-admin
network-operator
vdc-admin
vdc-operator

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command does not require a license.

Examples This example clears ND information:

```
switch(config-if)# clear ipv6 nd interface statistics
N
```

Related Commands	Command	Description
	ipv6 nd	Configures ICMPv6 ND on an interface.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ipv6 neighbor

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

```
clear ipv6 neighbor [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

Supported User Roles

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

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines

Use the **clear ipv6 neighbor** command to clear the IPv6 adjacency table.

This command does not require a license.

Examples

This example clears IPv6 neighbors:

```
switch# clear ipv6 neighbor
```

Related Commands	Command	Description
	ipv6 nd	Configures ICMPv6 ND on an interface.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ipv6 route

To clear individual routes from the unicast RIB, use the **clear ipv6 route** command.

```
clear ipv6 route [* | addr | prefix] [vrf vrf-name]
```

Syntax Description	
*	(Optional) Clears all routes.
<i>addr</i>	(Optional) Clears this route. The format is A:B::C:D.
<i>prefix</i>	(Optional) Clears this prefix. The format is A:B::C:D/length.
vrf <i>vrf-name</i>	(Optional) Specifies the virtual router context (VRF) name. The name can be any case-sensitive alphanumeric string up to 64 characters.

Defaults None

Command Modes Any command mode

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

Command History	Release	Modification
	4.0(3)	This command was introduced.

Usage Guidelines Use the **clear ipv6 route** command to clear individual routes from the route table.



Note The * keyword is severely disruptive to routing.

This command does not require a license.

Examples This example clears the individual route:

```
switch(config)# clear ipv6 route 2001:0DB8::/8
```

Related Commands	Command	Description
	show ipv6 route	Displays entries in the route table.

Send document comments to nexus7k-docfeedback@cisco.com

clear ipv6 traffic

To clear IP traffic information, use the **clear ipv6 traffic** command.

clear ipv6 traffic

Syntax Description This command has no keywords or arguments.

Defaults None

Command Modes Any command mode

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

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command does not require a license.

Examples This example clears the IP traffic information:

```
switch(config)# clear ipv6 traffic
```

Related Commands	Command	Description
	show ipv6 traffic	Displays IP traffic information.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ospfv3 neighbor

To clear neighbor statistics and reset adjacencies for Open Shortest Path First version 3 (OSPFv3), use the **clear ospfv3 neighbor** command.

```
clear ospfv3 [instance-tag] [vrf vrf-name] neighbor { * | neighbor-id | interface-type number | loopback number | port-channel number }
```

Syntax Description		
<i>instance-tag</i>	(Optional) Instance tag. Specify as an alphanumeric string of up to 32 characters.	
vrf <i>vrf-name</i>	(Optional) Specifies the name of the OSPFv3 virtual routing and forwarding instance (VRF). The <i>vrf-name</i> argument can be any alphanumeric string up to 32 characters, except “default” and “all”.	
*	Clears all neighbors.	
<i>neighbor-id</i>	Specifies the Neighbor ID (as an IP address) of the neighbor to clear.	
<i>interface-type number</i>	Specifies interface from which to clear all neighbors.	
loopback <i>number</i>	Clears all neighbors on a loopback interface.	
port-channel <i>number</i>	Clears all neighbors on a port-channel interface.	

Defaults None

Command Modes Any

SupportedUserRoles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines Use the **clear ospfv3 neighbor** command to clear neighbor information from the **show ospfv3 neighbors** command. Use the *instance-tag* argument to clear the neighbor details from one OSPFv3 instance. If you do not use the *instance-tag* argument, Cisco NX-OS clears the neighbor details from all OSPFv3 instances. Use the **show ospfv3 neighbors** command to find the neighbor ID.

This command requires the Enterprise Services license.

Examples This example shows how to clear all OSPFv3 neighbor details for neighbor 192.0.2.1 for instance tag 201:

```
switch# clear ospfv3 201 neighbor 192.0.2.1
```

Send document comments to nexus7k-docfeedback@cisco.com

This example shows how to clear all OSPFv3 neighbor details for all OSPFv3 instances:

```
switch# clear ospfv3 neighbor *
```

This example shows how to clear all OSPFv3 neighbor details for all neighbors on Ethernet interface 1/2 for OSPFv3 instance 202:

```
switch# clear ospfv3 202 neighbor ethernet 1/2
```

Related Commands

Command	Description
show ospfv3 neighbor	Displays details for OSPFv3 neighbors including the neighbor ID.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ospfv3 policy statistics

To clear policy statistics for Open Shortest Path First version 3 (osPFv3), use the **clear ospfv3 policy statistics** command.

```
clear ospfv3 [instance-tag] [vrf vrf-name] policy statistics {area area-id filter-list {in | out} | redistribute {bgp autonomous-system | direct | isis id | rip id | static}}
```

Syntax	Description
<i>instance-tag</i>	(Optional) Instance tag. Specify as an alphanumeric string of up to 32 characters.
vrf <i>vrf-name</i>	(Optional) Specifies the name of the OSPFv3 virtual routing and forwarding instance (VRF). The <i>vrf-name</i> argument can be any alphanumeric string up to 32 characters, except “default” and “all”.
area	Clears policy statistics for an area.
<i>area-id</i>	Area ID as an integer or IP address.
filter-list	Specifies the policy statistics for filtered prefixes between OSPFv3 areas.
in	Filters prefixes sent into this OSPFv3 area.
out	Filters prefixes sent from this OSPFv3 area.
redistribution	Clears OSPFv3 route redistribution statistics.
bgp <i>autonomous-system</i>	Specifies the autonomous system number for the Border Gateway Protocol. Specify the autonomous system number as <i>x.y</i> , where the range is from 1 to 65535 for both <i>x</i> and <i>y</i> , or as a single integer, where the range is from 1 to 65535.
direct	Specifies directly connected routes.
isis <i>id</i>	Specifies the Intermediate System to Intermediate System instance. Specify the <i>id</i> argument as any alphanumeric string.
rip <i>id</i>	Specifies the Routing Information Protocol instance. Specify the <i>id</i> argument as any alphanumeric string.
static	Specifies static routes.

Defaults None

Command Modes Any

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Send document comments to nexus7k-docfeedback@cisco.com

Usage Guidelines

Use the **clear ospfv3 statistics** command to learn the policy statistics shown in the **show ospfv3 policy statistics** command. Use the *instance-tag* argument to clear the policy statistics from one OSPFv3 instance. If you do not specify the instance tag.

Cisco NX-OS clears the policy statistics from all OSPFv3 instances. Use the **show ospfv3 policy statistics** command to view the statistics that you are clearing.

This command requires the Enterprise Services license.

Examples

This example shows how to clear all OSPFv3 policy statistics for area 99 inbound filtered routes for OSPFv3 201:

```
switch# clear ospfv3 201 policy statistics area 99 filter-list in
```

This example shows how to clear all OSPFv3 policy statistics for all BGP redistributed routes for OSPFv3 202:

```
switch# clear ospfv3 202 policy statistics redistribute bgp
```

Related Commands

Command	Description
show ospfv3 policy statistics	Displays details for OSPFv3 policies.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ospfv3 statistics

To clear Open Shortest Path First version 3 (OSPFv3) event statistics, use the **clear ospfv3 statistics** command.

```
clear ospfv3 [instance-tag] [vrf vrf-name] statistics
```

Syntax Description

<i>instance-tag</i>	(Optional) Instance tag. Specify as an alphanumeric string of up to 32 characters.
vrf <i>vrf-name</i>	(Optional) Specifies the name of the OSPFv3 virtual routing and forwarding instance (VRF). The <i>vrf-name</i> argument can be any alphanumeric string up to 32 characters, except “default” and “all”.

Defaults

None

Command Modes

Any

Supported User Roles

network-admin
vdc-admin

Command History

Release	Modification
4.0(1)	This command was introduced.

Usage Guidelines

Use the **clear ospfv3 statistics** command to clear the event statistics from one or more OSPFv3 instances. If you do not specify the *instance-tag* argument, Cisco NX-OS clears statistics from all OSPFv3 instances. Use the **show ospfv3 statistics** command to view the statistics that you are clearing.

This command requires the Enterprise Services license.

Examples

This example shows how to clear all OSPFv3 event statistics:

```
switch# clear ospfv3 statistics
```

Related Commands

Command	Description
show ospfv3 statistics	Displays event statistics for OSPFv3.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear ospfv3 traffic

To clear Open Shortest Path First version 3 (OSPFv3) traffic statistics, use the **clear ospfv3 traffic** command.

```
clear ospfv3 [instance-tag] [vrf vrf-name] traffic
```

Syntax Description		
<i>instance-tag</i>	(Optional) Instance tag. Specify as an alphanumeric string of up to 32 characters.	
vrf <i>vrf-name</i>	(Optional) Specifies the name of the OSPFv3 virtual routing and forwarding instance (VRF). The <i>vrf-name</i> argument can be any alphanumeric string up to 32 characters, except “default” and “all”.	

Defaults	None
-----------------	------

Command Modes	Any
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Supported User Roles	network-admin vdc-admin
-----------------------------	----------------------------

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines

Use the **clear ospfv3 traffic** command to clear the traffic statistics from one or more OSPFv3 instances. If you do not specify the *instance-tag* argument, Cisco NX-OS clears traffic statistics from all OSPFv3 instances. Use the **show ospfv3 traffic statistics** command to view the statistics that you are clearing. This command requires the Enterprise Services license.

Examples

This example shows how to clear OSPFv3 traffic statistics for OSPFv3 100:

```
switch# clear ospfv3 100 traffic
```

Related Commands	Command	Description
	show ospfv3 traffic statistics	Displays OSPFv3 traffic statistics.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

clear route-map pbr-statistics

To clear policy-based statistics for a route map, use the **clear route-map pbr statistics** command..

```
clear route-map name pbr-statistics
```

Syntax Description	<i>name</i>	Name of the route map. The name can be any alphanumeric string up to 63 characters.
---------------------------	-------------	---

Defaults	None
-----------------	------

Command Modes	Any
----------------------	-----

SupportedUserRoles	network-admin vdc-admin
---------------------------	----------------------------

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines Use the **clear route-map pbr-statistics** command to clear policy-based routing statistics enabled by the **route-map pbr-statistics** command.

This command requires the Enterprise Services license.

Examples This example shows how to clear the policy-base routing statistics for a route map:

```
switch# clear route-map testmap pbr-statistics
```

Related Commands	Command	Description
	route-map pbr-statistics	Enables policy-based routing statistics for a route map.

[Send document comments to nexus7k-docfeedback@cisco.com](mailto:nexus7k-docfeedback@cisco.com)

confederation

To configure the confederation parameters for the Border Gateway Protocol (BGP), use the **confederation** command.

```
confederation { identifier | peers } as-number
```

Syntax Description	Parameter	Description
	identifier	Sets the routing domain confederation AS number.
	peers	Sets the peer AS numbers for a BGP confederation.
	<i>as-number</i>	The autonomous system number. The AS number can be a 16-bit integer or a 32-bit integer in the form of <higher 16-bit decimal number>.<lower 16-bit decimal number>.

Defaults None

Command Modes Router configuration mode
Router VRF mode

Supported User Roles network-admin
vdc-admin

Command History	Release	Modification
	4.0(1)	This command was introduced.

Usage Guidelines This command requires the Enterprise Services license.

Examples This example shows how configure the confederation identifier:

```
switch# config t
switch(config)# router bgp 33.33
switch(config-router)# confederation identifier 33.33
```

Related Commands	Command	Description
	show bgp	Displays information about BGP.