V Commands

This chapter describes the Cisco NX-OS system management commands that begin with the letter V.

verify

To verify the commands in the configuration session, use the **verify** command.

verify [**verbose**]

Syntax Description	**verbose**	(Optional) Verifies the current configuration session and displays more details on the results.

Defaults	None

Command Modes	Session configuration

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

This example shows how to verify a configuration session:

```
switch# configure session myACLs
switch(config-s)# verify
switch(config-s)#
```

Related Commands	Command	Description
	commit	Commits the commands in the configuration session.
	abort	Deletes the session and exists session configuration mode.

version 5

To configure version 5 for the NetFlow exporter, use the **version 5** command. To remove the version 5 configuration, use the **no** form of this command

    version 5

    no version 5

Syntax Description   This command has no arguments or keywords.

Defaults   None

Command Modes   NetFlow exporter configuration (config-flow-exporter)

SupportedUserRoles   network-admin
vdc-admin

Command History

Release	Modification
4.0(1)	This command was introduced.

Usage Guidelines   The default NetFlow exporter version is 5.

If you remove the version 5 configuration, the NetFlow exporter defaults to version 9.

This command does not require a license.

Examples   This example shows how to configure the NetFlow exporter version to version 5:

```
switch(config)# flow exporter Netflow-Exporter-1
switch(config-flow-exporter)# version 5
switch(config-flow-exporter-version-5)#
```

This example shows how to remove the version 5 configuration, which causes the NetFlow exporter to default to version 9:

```
switch(config-flow-exporter-version-5)# no version 5
switch(config-flow-exporter)#
```

Related Commands

Command	Description
show flow exporter	Displays information about NetFlow exporters.
version 9	Configures the NetFlow exporter to version 9.

version 9

To specify the export version 9 and enter the export version configuration mode, use the **version 9** command.

version 9

no version 9

Syntax Description   This command has no arguments or keywords.

Defaults   Flow exporters are not present in the configuration until you create them.

Command Modes   Flow export configuration

SupportedUserRoles   network-admin
vdc-admin

Command History

Release	Modification
4.0(1)	This command was introduced.

Usage Guidelines   Flow exporters export the data in the flow monitor cache to a remote system, such as a server running NetFlow collector, for analysis and storage. Flow exporters are created as separate entities in the configuration. Flow exporters are assigned to flow monitors to provide data export capability for the flow monitors. You can create several flow exporters and assign them to one or more flow monitors to provide several export destinations. You can create one flow exporter and apply it to several flow monitors.

Once you enter the flow exporter configuration mode, the prompt changes to the following:

```
switch(config-flow-exporter)#
```

Within the flow exporter configuration mode, you can enter the version 9 keywords. Once you enter the **version 9** keywords, the prompt changes to the following:

```
switch(config-flow-exporter-version-9)#
```

When entering the **no** form of this command, the *seconds* argument is optional.

This command does not require a license.

Examples   This example shows how to specify the name of the flow exporter that is created or modified.

```
switch(config)# flow exporter flow-export-test
switch(config-flow-exporter)# version 9
switch(config-flow-exporter-version-9)#
```

This example shows how to specify the version 9 exporter statistics option templates and data:

```
switch(config)# flow exporter flow-export-test
switch(config-flow-exporter)# version 9
switch(config-flow-exporter-version-9)# exporter-stats
```

This example shows how to specify the version 9 interface table option templates and data:

```
switch(config)# flow exporter flow-export-test
switch(config-flow-exporter)# version 9
switch(config-flow-exporter-version-9)# interface-table
```

This example shows how to specify the version 9 interface table option templates and data:

```
switch(config)# flow exporter flow-export-test
switch(config-flow-exporter)# version 9
switch(config-flow-exporter-version-9)# sampler-table
```

This example shows how to specify the option resend time in seconds:

```
switch(config)# flow exporter flow-export-test
switch(config-flow-exporter)# version 9
switch(config-flow-exporter-version-9)# timeout 32
```

This example shows how to specify the data template:

```
switch(config)# flow exporter flow-export-test
switch(config-flow-exporter)# version 9
switch(config-flow-exporter-version-9)# template data
```

Related Commands

Command	Description
flow exporter	Creates a flow exporter.
flow monitor	Creates a flow monitor.
flow record	Creates a flow record.
sampler	Creates a flow sampler.

vrf

To configure a virtual routing and forwarding (VRF) instance for Encapsulated Remote Switched Port Analyzer (ERSPAN) traffic forwarding in both the source and destination, use the **vrf** command.

vrf {*vrf_name*} | {[**default** | **foo**]}

Syntax Description		
vrf_name		Name of the VRF. The VRF name can be any case-sensitive, alphanumeric string up to 32 characters.
default		(Optional) Specifies the VRF name as the default.
foo		(Optional) Specifies the VRF name as foo.

Defaults   None

Command Modes   config-erspan-src
config-erspan-dst

SupportedUserRoles   network-admin
network-operator

Command History	Release	Modification
	5.1(1)	This command was introduced.

Usage Guidelines   This command does not require a license.

Examples   This example shows how to configure a VRF instance for the ESRSPAN source:

```
switch# configure terminal
switch(config)# monitor session 5 type erspan-source
switch(config-erspan-src)# vrf default
switch(config-erspan-src)#
```

This example shows how to configure a VRF instance for the ERSPAN destination:

```
switch# configure terminal
switch(config)# monitor session 2 type erspan-destination
switch(config-erspan-dst)# vrf default
switch(config-erspan-dst)#
```

Related Commands

Command	Description
ip ttl	Applies an access control group to an ERSPAN source session.
monitor-session	Enters the monitor configuration mode for configuring an ERSPAN or SPAN session for analyzing traffic between ports.

■ **vrf**