



F Commands

This chapter describes the Cisco Nexus 1000V commands that begin with the letter F.

Send document comments to nexus1k-docfeedback@cisco.com.

feature dhcp

To enable the DHCP feature globally, use the **feature dhcp** command. To disable DHCP, use the **no** form of this command.

feature dhcp

no feature dhcp

Syntax Description	This command has no arguments or keywords.
---------------------------	--------------------------------------------

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

Command Modes	Global configuration (config)
----------------------	-------------------------------

Supported User Roles	network-admin
-----------------------------	---------------

Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.

Usage Guidelines

Examples This example shows how to enable DHCP globally:

```
n1000v# configure terminal
n1000v(config)# feature dhcp
n1000v(config)#
```

This example shows how to disable DHCP globally:

```
n1000v# configure terminal
n1000v(config)# no feature dhcp
n1000v(config)#
```

Related Commands	Command	Description
	show feature	Displays the features available, such as DHCP, and whether they are enabled.
	ip dhcp snooping trust	Configures an interface as a trusted source of DHCP messages.
	ip dhcp snooping vlan	Enables DHCP snooping on the specified VLANs.
	show ip dhcp snooping	Displays general information about DHCP snooping.

Send document comments to nexus1k-docfeedback@cisco.com.

feature http-server

To enable the HTTP server, use the **feature http-server** command. To disable the HTTP server, use the **no** form of this command.

feature http-server

no feature http-server

Syntax Description	This command has no arguments or keywords.
---------------------------	--------------------------------------------

Defaults	Enabled
-----------------	---------

Command Modes	Global configuration (config)
----------------------	-------------------------------

Supported User Roles	network-admin
-----------------------------	---------------

Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.

Usage Guidelines	<ul style="list-style-type: none">• VUM will not install VEMs if the HTTP server is disabled.• The HTTP server must be enabled in order to get the Cisco Nexus 1000V XML plugin from the VSM.
-------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Examples	This example shows how to enable the HTTP server:
-----------------	---------------------------------------------------

```
n1000v# config t
n1000v(config)# feature http-server
```

This example shows how to disable the HTTP server:

```
n1000v# config t
n1000v(config)# no feature http-server
```

Related Commands	Command	Description
	show http-server	Displays the HTTP server configuration.
	show feature	Displays the features available, such as LACP, and whether they are enabled.

Send document comments to nexus1k-docfeedback@cisco.com.

feature lacp

To enable LACP support for port channels, use the **feature lacp** command. To disable it, use the **no** form of this command.

feature lacp

no feature lacp

Syntax Description This command has no arguments or keywords.

Defaults None

Command Modes Global configuration (config)

SupportedUserRoles network-admin

Release	Modification
4.2(1)SV1(4)	This command was introduced.

Usage Guidelines You cannot configure LACP for a port channel without first enabling LACP using the command, **feature lacp**.

Examples This example shows how to turn on LACP for port channels:

```
n1000v# config t
n1000v(config)# feature lacp
```

This example shows how to turn off LACP for port channels:

```
n1000v(config)# no feature lacp
```

Command	Description
show feature	Displays the features available and whether they are enabled.
show port-channel summary	Displays a summary for the port channel interfaces.
interface	Configures an interface.
channel-group	Configures a channel group on an interface.
port-profile	Configures a port profile.

Send document comments to nexus1k-docfeedback@cisco.com.

Command	Description
channel-group auto	Configures a channel group on a port profile.
lacp offload	Offloads LACP management from the VSM to the VEMs.

Send document comments to nexus1k-docfeedback@cisco.com.

feature http-server

To enable the HTTP server, use the **feature http-server** command. To disable the HTTP server, use the **no** form of this command.

feature http-server

no feature http-server

Syntax Description	This command has no arguments or keywords.
---------------------------	--------------------------------------------

Defaults	Enabled
-----------------	---------

Command Modes	Global configuration (config)
----------------------	-------------------------------

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

Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.

Usage Guidelines	<ul style="list-style-type: none"> VUM will not install VEMs if the HTTP server is disabled. The HTTP server must be enabled in order to get the Cisco Nexus 1000V XML plugin from the VSM.
-------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Examples	This example shows how to enable the HTTP server:
-----------------	---------------------------------------------------

```
n1000v# config t
n1000v(config)# feature http-server
```

This example shows how to disable the HTTP server:

```
n1000v# config t
n1000v(config)# no feature http-server
```

Related Commands	<table border="1"> <tr> <th>Command</th> <th>Description</th> </tr> <tr> <td>show http-server</td> <td>Displays the HTTP server configuration.</td> </tr> <tr> <td>show feature</td> <td>Displays the features available, such as LACP, and whether they are enabled.</td> </tr> </table>	Command	Description	show http-server	Displays the HTTP server configuration.	show feature	Displays the features available, such as LACP, and whether they are enabled.
Command	Description						
show http-server	Displays the HTTP server configuration.						
show feature	Displays the features available, such as LACP, and whether they are enabled.						

Send document comments to nexus1k-docfeedback@cisco.com.

feature netflow

To enable the NetFlow, use the **feature netflow** command. To disable the feature, use the **no** form of this command.

feature netflow

no feature netflow

Syntax Description	This command has no arguments or keywords.
---------------------------	--------------------------------------------

Defaults	Disabled
-----------------	----------

Command Modes	Global configuration (config)
----------------------	-------------------------------

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

Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.

Usage Guidelines	<ul style="list-style-type: none">• Be aware of resource requirements since NetFlow consumes additional memory and CPU resources.• Memory and CPU resources are provided by the VEM hosting the flow monitor interface. Resources are limited by the number of CPU cores present on the VEM.
-------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Examples	This example shows how to enable NetFlow:
-----------------	-------------------------------------------

```
n1000v# config t
n1000v(config)# feature netflow
```

This example shows how to disable NetFlow:

```
n1000v# config t
n1000v(config)# no feature netflow
```

Related Commands	Command	Description
	show ssh server	Displays the SSH server configuration.
	flow record	Creates a NetFlow flow record.
	flow exporter	Creates a NetFlow flow exporter.
	flow monitor	Creates a NetFlow flow monitor.
	show flow record	Displays information about NetFlow flow records.

Send document comments to nexus1k-docfeedback@cisco.com.

Command	Description
show flow exporter	Displays information about NetFlow flow exporters.
show flow monitor	Displays information about NetFlow flow monitors.

Send document comments to nexus1k-docfeedback@cisco.com.

feature port-profile-roles

To enable port profile roles to restrict user and group access, use the **feature port-profile-roles** command. To disable it, use the **no** form of this command.

feature port-profile-roles

no feature port-profile-roles

Syntax Description	This command has no arguments or keywords.
---------------------------	--------------------------------------------

Defaults	Disabled
-----------------	----------

Command Modes	Global configuration (config)
----------------------	-------------------------------

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

Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.

Usage Guidelines	When the port profile roles feature is disabled, all users on vCenter lose access to the port groups.
-------------------------	-------------------------------------------------------------------------------------------------------

Examples	This example shows how to enable the port profile roles feature to restrict visibility to specific port groups:
-----------------	-----------------------------------------------------------------------------------------------------------------

```
n1000v(config)# feature port-profile-roles
n1000v(config)#
```

This example shows how to disable the port profile roles feature:

```
n1000v(config)# no feature port-profile-roles
n1000v(config)#
```

Related Commands	Command	Description
	show port-profile-role	Displays the port profile role configuration, including role names, descriptions, assigned users, and assigned groups.
	show port-profile-role users	Displays available users and groups.
	show port-profile	Displays the port profile configuration, including roles assigned to them.
	show feature	Displays features available, such as LACP or Port Profile Roles and whether they are enabled.

Send document comments to nexus1k-docfeedback@cisco.com.

Command	Description
port-profile-role	Creates a port profile role.
user	Assigns a user to a port profile role.
group	Assigns a group to a port profile role.
assign port-profile-role	Assigns a port profile role to a specific port profile.
feature port-profile-role	Enables support for the restriction of port profile roles.

Send document comments to nexus1k-docfeedback@cisco.com.

feature private-vlan

To enable the private VLAN feature, use the **feature private-vlan** command. To disable the feature, use the **no** form of this command.

feature private-vlan

no feature private-vlan

Syntax Description	This command has no arguments or keywords.
---------------------------	--------------------------------------------

Defaults	Disabled
-----------------	----------

Command Modes	Global configuration (config)
----------------------	-------------------------------

Supported User Roles	network-admin
-----------------------------	---------------

Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.

Usage Guidelines	<ul style="list-style-type: none">• Be aware of resource requirements since NetFlow consumes additional memory and CPU resources.• Memory and CPU resources are provided by the VEM hosting the flow monitor interface. Resources are limited by the number of CPU cores present on the VEM.
-------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Examples	This example shows how to enable the private VLAN feature:
-----------------	------------------------------------------------------------

```
n1000v# config t
n1000v(config)# feature private-vlan
```

This example shows how to disable the private VLAN feature:

```
n1000v# config t
n1000v(config)# no feature private-vlan
```

Related Commands	Command	Description
	show vlan private-vlan	Displays the private VLAN configuration.
	private-vlan	Configures a VLAN as a private VLAN.

Send document comments to nexus1k-docfeedback@cisco.com.

feature ssh

To enable the secure shell (SSH) server, use the **feature ssh** command. To disable the server, use the **no** form of this command.

feature ssh

no feature ssh

Syntax Description	This command has no arguments or keywords.
---------------------------	--------------------------------------------

Defaults	Enabled
-----------------	---------

Command Modes	Global configuration (config)
----------------------	-------------------------------

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

Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.

Usage Guidelines	<ul style="list-style-type: none"> Before enabling SSH, you must configure IP on a Layer 3 interface, out-of-band on the mgmt 0 interface, or inband on an Ethernet interface.
-------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Examples	This example shows how to enable the SSH server:
-----------------	--------------------------------------------------

```
n1000v# config t
n1000v(config)# feature ssh
```

This example shows how to disable the SSH server:

```
n1000v# config t
n1000v(config)# no feature ssh
```

Related Commands	<table border="1"> <tr> <th>Command</th> <th>Description</th> </tr> <tr> <td>show ssh server</td> <td>Displays the SSH server configuration.</td> </tr> <tr> <td>ssh key</td> <td>Generates an SSH server key.</td> </tr> <tr> <td>ssh</td> <td>Creates and starts an SSH server session.</td> </tr> <tr> <td>show feature</td> <td>Displays the features available, such as the SSH server, and whether they are enabled.</td> </tr> </table>	Command	Description	show ssh server	Displays the SSH server configuration.	ssh key	Generates an SSH server key.	ssh	Creates and starts an SSH server session.	show feature	Displays the features available, such as the SSH server, and whether they are enabled.
Command	Description										
show ssh server	Displays the SSH server configuration.										
ssh key	Generates an SSH server key.										
ssh	Creates and starts an SSH server session.										
show feature	Displays the features available, such as the SSH server, and whether they are enabled.										

Send document comments to nexus1k-docfeedback@cisco.com.

feature tacacs+

To enable the TACACS+ server, use the **feature tacacs+** command. To disable the server, use the **no** form of this command.

feature tacacs+

no feature tacacs+

Syntax Description	This command has no arguments or keywords.
---------------------------	--------------------------------------------

Defaults	Disabled
-----------------	----------

Command Modes	Global configuration (config)
----------------------	-------------------------------

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

Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.

Usage Guidelines

Examples	This example shows how to enable TACACS+:
-----------------	-------------------------------------------

```
n1000v# config t
n1000v(config)# feature tacacs+
```

This example shows how to disable TACACS+:

```
n1000v# config t
n1000v(config)# no feature tacacs+
```

Related Commands	Command	Description
	tacacs-server key	Designates the global key shared between the Cisco Nexus 1000V and the TACACS+ server hosts.
	tacacs-server host	Designates the key shared between the Cisco Nexus 1000V and this specific TACACS+ server host.
	show tacacs-server	Displays the TACACS+ server configuration.
	show feature	Displays the features available, such as TACACS+, and whether they are enabled.

Send document comments to nexus1k-docfeedback@cisco.com.

feature telnet

To enable the Telnet server, use the **feature telnet** command. To disable the Telnet server, use the **no** form of this command.

feature telnet

no feature telnet

Syntax Description	This command has no arguments or keywords.
---------------------------	--------------------------------------------

Defaults	Enabled
-----------------	---------

Command Modes	Global configuration (config)
----------------------	-------------------------------

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

Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.

Usage Guidelines	<ul style="list-style-type: none"> Before enabling Telnet, you must configure IP on a Layer 3 interface, out-of-band on the mgmt 0 interface, or inband on an Ethernet interface.
-------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Examples	This example shows how to enable the Telnet server:
-----------------	-----------------------------------------------------

```
n1000v# config t
n1000v(config)# feature telnet
```

This example shows how to disable the Telnet server:

```
n1000v# config t
n1000v(config)# no feature telnet
```

Related Commands	Command	Description
	show telnet server	Displays the Telnet server configuration.
	telnet	Creates and configures a telnet session.
	show feature	Displays the features available, such as the Telnet server, and whether they are enabled.

Send document comments to nexus1k-docfeedback@cisco.com.

filter vlan

To configure a filter from the source VLANs for a specified Switch Port Analyzer (SPAN) session, use the **filter vlan** command. To remove the filter, use the **no** form of this command.

filter vlan {*number* | *range*}

no filter vlan {*number* | *range*}

Syntax Description	<i>number</i>	Number of the VLAN associated with this filter.
	<i>range</i>	Range of VLANs associated with this filter.

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

Command Modes	CLI monitor configuration (config-monitor)
---------------	--------------------------------------------

Supported User Roles	network-admin
----------------------	---------------

Command History	Release	Modification
	4.0(4)SV1(1)	This command was introduced.

Examples	This example shows how to configure the filter for VLAN IDs, 3, 4, 5, and 7:
----------	------------------------------------------------------------------------------

```
n1000v# config t
n1000v(config)# monitor session 3
n1000v(config-monitor)# filter vlan 3-5, 7
n1000v(config-monitor)#
```

This example shows how to remove the filter for VLAN ID 7:

```
n1000v# config t
n1000v(config)# monitor session 3
n1000v(config-monitor)# no filter vlan 7
n1000v(config-monitor)#
```

Related Commands	Command	Description
	monitor session	Creates a session with the given session number and places you in the CLI monitor configuration mode to further configure the session.
	description	For the specified SPAN session, adds a description.
	source	For the specified session, configures the sources and the direction of traffic to monitor.

Send document comments to nexus1k-docfeedback@cisco.com.

Command	Description
destination interface	Configures the ports, for the specified session, to act as destinations for copied source packets.
no shut	Enables the SPAN session.
interface ethernet	Places you in CLI interface configuration mode for the specified interface.
switchport trunk allowed vlan	For the specified interface, configures the range of VLANs that are allowed on the interface.
show interface ethernet	Displays the interface trunking configuration for the selected slot and port or range of ports.

Send document comments to nexus1k-docfeedback@cisco.com.

find

To find filenames beginning with a character string, use the **find** command.

find *filename-prefix*

Syntax Description	<i>filename-prefix</i>	First part or all of a filename. The filename prefix is case sensitive.
Defaults	None	
Command Modes	Any	
Supported User Roles	network-admin	
Command History	Release	Modification
	4.0(4)SV1(1)	This command was introduced.
Usage Guidelines	The find command searches all subdirectories under the current working directory. You can use the cd and pwd commands to navigate to the starting directory.	
Examples	This example shows how to display filenames beginning with ospf: n1000v# find ospf /usr/bin/find: ./lost+found: Permission denied ./ospf-gr.cfg ./ospfgrconfig ./ospf-gr.conf	
Related Commands	Command	Description
	cd	Changes the current working directory.
	pwd	Displays the name of the current working directory.

Send document comments to nexus1k-docfeedback@cisco.com.

flow exporter

To create or modify a Flexible NetFlow flow exporter defining where and how Flow Records are exported to the NetFlow Collector Server, use the **flow exporter** command. To remove a flow exporter, use the **no** form of this command.

flow exporter *exporter-name*

no flow exporter *exporter-name*

Syntax Description	<i>exporter-name</i> Name of the flow exporter that is created or modified.
---------------------------	-----------------------------------------------------------------------------

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

Command Modes	Global configuration (config)
----------------------	-------------------------------

Supported User Roles	network-admin
-----------------------------	---------------

Command History	Release	Modification
	4.0(4)SV1(1)	This command was introduced.

Examples The following example shows how to create and configure FLOW-EXPORTER-1:

```
n1000v(config)# flow exporter FLOW-EXPORTER-1
n1000v(config-flow-exporter)# description located in Pahrump, NV
n1000v(config-flow-exporter)# destination A.B.C.D
n1000v(config-flow-monitor)# dscp 32
n1000v(config-flow-monitor)# source mgmt0
n1000v(config-flow-monitor)# transport udp 59
n1000v(config-flow-monitor)# version 9
```

The following example shows how to remove FLOW-EXPORTER-1:

```
n1000v(config)# no flow exporter FLOW-EXPORTER-1
n1000v(config)#
```

Related Commands	Command	Description
	clear flow exporter	Clears the flow monitor.
	show flow exporter	Displays flow monitor status and statistics.
	description	Adds a description to a flow record, flow monitor, or flow exporter.
	destination	Adds a destination IP address to a NetFlow flow exporter.
	dscp	Adds a differentiated services codepoint (DSCP) to a flow exporter.

Send document comments to nexus1k-docfeedback@cisco.com.

Command	Description
source mgmt	Adds the management interface to a flow exporter designating it as the source for NetFlow flow records.
transport udp	Adds a destination UDP port used to reach the NetFlow collector to a flow exporter.
version 9	Designates NetFlow export version 9 in the NetFlow exporter.

Send document comments to nexus1k-docfeedback@cisco.com.

flow monitor

To create a Flexible NetFlow flow monitor, or to modify an existing Flexible NetFlow flow monitor, and enter Flexible NetFlow flow monitor configuration mode, use the **flow monitor** command. To remove a Flexible NetFlow flow monitor, use the **no** form of this command.

flow monitor *monitor-name*

no flow monitor *monitor-name*

Syntax Description	<i>monitor-name</i> Name of the flow monitor that is created or modified.
---------------------------	---------------------------------------------------------------------------

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

Command Modes	Global configuration (config)
----------------------	-------------------------------

Supported User Roles	network-admin
-----------------------------	---------------

Command History	Release	Modification
	4.0(4)SV1(1)	This command was introduced.

Usage Guidelines	<p>Flow monitors are the Flexible NetFlow component that is applied to interfaces to perform network traffic monitoring. Flow monitors consist of a record that you add to the flow monitor after you create the flow monitor, and a cache that is automatically created at the time the flow monitor is applied to the first interface. Flow data is collected from the network traffic during the monitoring process based on the key and non-key fields in the record which is configured for the flow monitor and stored in the flow monitor cache.</p>
-------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

```
n1000v(config-flow-monitor)#
```

Within the flow monitor configuration mode, the following keywords and arguments are available to configure the flow monitor:

- **cache**—Specifies the cache size, from 256 to 16384 entries.
- **description** *description*—Provides a description for this flow monitor; maximum of 63 characters.
- **exit**—Exits from the current configuration mode.
- **exporter** *name*—Specifies the name of an exporter to export records.
- **no**—Negates a command or sets its defaults.
- **record** { *record-name* | **netflow ipv4** *collection-type* | **netflow-original** }—Specifies a flow record to use as follows:
 - *record-name*—Name of a record.

Send document comments to nexus1k-docfeedback@cisco.com.

- **netflow ipv4 *collection-type***—Specifies the traditional IPv4 NetFlow collection schemes as follows:
 - original-input**—Specifies the traditional IPv4 input NetFlow.
 - original-output**—Specifies the traditional IPv4 output NetFlow
 - protocol-port**—Specifies the protocol and ports aggregation scheme.
- **netflow-original**—Specifies the traditional IPv4 input NetFlow with origin autonomous systems.
- **timeout {active | inactive}**—Specifies a flow timeout period as follows:
 - **active**—Specifies an active or long timeout in the range of 60 to 4092 seconds.
 - **inactive**—Specifies an inactive or normal timeout in the range of 15 to 4092 seconds.

The **netflow-original** and **original-input** keywords are the same and are equivalent to the following commands:

- **match ipv4 source address**
- **match ipv4 destination address**
- **match ip tos**
- **match ip protocol**
- **match transport source-port**
- **match transport destination-port**
- **match interface input**
- **collect counter bytes**
- **collect counter packet**
- **collect timestamp sys-uptime first**
- **collect timestamp sys-uptime last**
- **collect interface output**
- **collect transport tcp flags**

The **original-output** keywords are the same as **original-input** keywords except for the following:

- **match interface output** (instead of match interface input)
- **collect interface input** (instead of collect interface output)

Examples

The following examples creates and configures a flow monitor named FLOW-MONITOR-1:

```
n1000v(config)# flow monitor FLOW-MONITOR-1
n1000v(config-flow-monitor)# description monitor location las vegas, NV
n1000v(config-flow-monitor)# exporter exporter-name1
n1000v(config-flow-monitor)# record test-record
n1000v(config-flow-monitor)# netflow ipv4 original-input
```

Related Commands

Command	Description
clear flow monitor	Clears the flow monitor.
show flow monitor	Displays flow monitor status and statistics.

Send document comments to nexus1k-docfeedback@cisco.com.

flow record

To create a Flexible NetFlow flow record, or to modify an existing Flexible NetFlow flow record, and enter Flexible NetFlow flow record configuration mode, use the **flow record** command. To remove a Flexible NetFlow flow record, use the **no** form of this command.

flow record *record-name*

no flow record *record-name*

Syntax Description	<i>record-name</i> Name of the flow record that is created or modified.				
Defaults	Flow records are not present in the configuration until you create them.				
Command Modes	Global configuration (config)				
Supported User Roles	network-admin				
Command History	<table> <tr> <th>Release</th><th>Modification</th></tr> <tr> <td>4.0(4)SV1(1)</td><td>This command was introduced.</td></tr> </table>	Release	Modification	4.0(4)SV1(1)	This command was introduced.
Release	Modification				
4.0(4)SV1(1)	This command was introduced.				

Usage Guidelines

Flexible NetFlow uses key and non-key fields just as original NetFlow does to create and populate flows in a cache. In Flexible NetFlow a combination of key and non-key fields is called a record. Original NetFlow and Flexible NetFlow both use the values in key fields in IP datagrams, such as the IP source or destination address and the source or destination transport protocol port, as the criteria for determining when a new flow must be created in the cache while network traffic is being monitored. A flow is defined as a stream of packets between a given source and a given destination. New flows are created whenever NetFlow analyzes a packet that has a unique value in one of the key fields.

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

```
n1000v(config-flow-record)#
```

Within the flow record configuration mode, the following keywords and arguments are available to configure the flow record:

- **collect**—Specifies a non-key field. See the **collect** command for additional information.
- **description** *description*—Provides a description for this flow record; maximum of 63 characters.
- **exit**—Exits from the current configuration mode.
- **match**—Specifies a key field. See the **match** command for additional information.
- **no**—Negates a command or sets its defaults.

Cisco NX-OS enables the following match fields by default when you create a flow record:

- **match interface input**

Send document comments to nexus1k-docfeedback@cisco.com.

- **match interface output**
- **match flow direction**

Examples

The following example creates a flow record named FLOW-RECORD-1, and enters Flexible NetFlow flow record configuration mode:

```
n1000v(config)# flow record FLOW-RECORD-1
n1000v(config-flow-record)#
```

Related Commands

Command	Description
clear flow monitor	Clears the flow monitor.
flow monitor	Creates a flow monitor.
show flow monitor	Displays flow monitor status and statistics.

Send document comments to nexus1k-docfeedback@cisco.com.

from (table map)

To map input field values to output field values in a QoS table map, use the **from** command.

from *source-value* **to** *dest-value*

Syntax Description	<i>source-value</i>	Specifies the source value in the range from 0 to 63.
	<i>dest-value</i>	Specifies the destination value in the range from 0 to 63.
Defaults	None	
Command Modes	Table map configuration (config-tmap)	
Supported User Roles	network-admin	
Command History	Release	Modification
	4.0(4)SV1(1)	This command was introduced.
Examples	<p>This example shows how to create a mapping from three source values to the corresponding destination values:</p> <pre>n1000v(config)# table-map cir-markdown-map n1000v(config-tmap)# from 0 to 7 n1000v(config-tmap)# from 1 to 6 n1000v(config-tmap)# from 2 to 5</pre>	
Related Commands	Command	Description
	show table-map	Displays QoS table maps.
	table-map	Creates or modifies a QoS table map.