



Encrypted Traffic Analytics

- [et-analytics](#), on page 2
- [et-analytics enable](#), on page 3
- [inactive time](#), on page 4
- [ip flow-export destination](#), on page 5
- [show flow monitor etta-mon cache](#), on page 6
- [show platform software et-analytics](#), on page 7
- [show platform software fed switch active fnf et-analytics-flow-dump](#), on page 8

et-analytics

To enter the global et-analytics configuration mode, use the **et-analytics** command in the global configuration mode.

et-analytics

Syntax Description	et-analytics	Enter the global et-analytics configuration mode.
Command Default	Disabled.	
Command Modes	Global configuration (config)	
Command History	Release	Modification
	Cisco IOS XE Everest 16.6.1	This command was introduced.

Example:

The following example shows how to enter the et-analytics configuration mode:

```
Device>enable
Device#configure terminal
Device(config)# et-analytics
```

et-analytics enable

To enable et-analytics configuration on a particular interface, use the **et-analytics enable** command in the interface configuration mode. To disable et-analytics, use the **no** form of the command.

et-analytics enable
no et-analytics enable

Syntax Description	et-analytics enable	Enables et-analytics on a particular interface..
Command Default	Disabled.	
Command Modes	Interface configuration (config-if)	
Command History	Release	Modification
	Cisco IOS XE Everest 16.6.1	This command was introduced.

Example:

The following example shows how to enable et-analytics on interface GigabitEthernet1/0/2.:

```
Device>enable
Device#configure terminal
Device(config)# interface gi1/0/2
Device(config-if)# et-analytics enable
```

inactive time

To configure et-analytics inactive timer value, use the **inactive time** *seconds* command in the et-analytics configuration mode. To disable the timer settings, use the **no** form of the command.

inactive time *seconds*
no inactive time *seconds*

Syntax Description	inactive time	Configures the inactive timer value.
	<i>seconds</i>	Timer value in seconds. The range is from 1 to 604800 and the default value is 60 seconds.
Command Default	Disabled.	
Command Modes	et-analytics configuration (config-et-analytics)	
Command History	Release	Modification
	Cisco IOS XE Everest 16.6.1	This command was introduced.

Example:

The following example shows how to configure an inactive timer of 10 seconds:

```
Device>enable
Device#configure terminal
Device(config)# et-analytics
Device(config-et-analytics)# inactive time 10
```

ip flow-export destination

To configure the global collector destination IP address, use the **ip flow-export destination** *ip_address port* command in the et-analytics configuration mode. To remove the collector destination IP address, use the **no** form of the command.

ip flow-export destination *ip_address port*
no ip flow-export destination *ip_address port*

Syntax Description	ip flow-export destination	Configures the global collector destination IP address and port.
	<i>ip_address</i>	Destination IP address.
	<i>port</i>	Destination port.
Command Default	Disabled.	
Command Modes	et-analytics configuration (config-et-analytics)	
Command History	Release	Modification
	Cisco IOS XE Everest 16.6.1	This command was introduced.

Example:

The following example shows how to configure a flow-exporter destination IP address of 10.1.1.1 and port 2055:

```
Device>enable
Device#configure terminal
Device(config)# et-analytics
Device(config-et)# ip flow-export destination 10.1.1.1 2055
```

show flow monitor etta-mon cache

To display ETA monitor cache details, use the **show flow monitor etta-mon cache** command in privileged EXEC mode.

show flow monitor etta-mon cache

Command Default

None

Command Modes

Privileged EXEC

Command History

Release	Modification
Cisco IOS XE Everest 16.6.1	This command was introduced.

Example:

The following example shows how to display ETA flow monitor cache details:

```
Device>enable
Device#configure terminal
Device# show flow monitor etta-mon cache
Cache type: Normal (Platform cache)
Cache size: 10000
Current entries: 4
Flows added: 6
Flows aged: 2
- Inactive timeout ( 15 secs) 2
IPV4 DESTINATION ADDRESS: 15.15.15.35
IPV4 SOURCE ADDRESS: 72.163.128.140
IP PROTOCOL: 17
TRNS SOURCE PORT: 53
TRNS DESTINATION PORT: 12032
counter bytes long: 128
counter packets long: 1
timestamp abs first: 06:23:24.799
timestamp abs last: 06:23:24.799
interface input: Null
interface output: Null
```

show platform software et-analytics

To display et-analytics configuration, use the **show platform software et-analytics** command in privileged EXEC mode.

show platform software et-analytics global | interfaces

Syntax Description	global Displays global et-analytics configuration.				
	interfaces Displays interface et-analytics configuration.				
Command Default	None				
Command Modes	Privileged EXEC				
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>Cisco IOS XE Everest 16.6.1</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	Cisco IOS XE Everest 16.6.1	This command was introduced.
Release	Modification				
Cisco IOS XE Everest 16.6.1	This command was introduced.				

Example:

The following example shows how to display global et-analytics configuration:

```
Device>enable
Device#configure terminal
Device# show platform software et-analytics global

ET-Analytics Global state
=====
All Interfaces : Off
IP Flow-record Destination: 10.126.71.20 : 2055
Inactive timer: 0
ET-Analytics interfaces
GigabitEthernet1/0/3
```

The following example shows how to display global et-analytics configuration:

```
Device>enable
Device#configure terminal
Device# show platform software et-analytics interfaces

ET-Analytics interfaces
GigabitEthernet1/0/3
```

show platform software fed switch active fnf et-analytics-flow-dump

To display interface et-analytics flow dump, use the **show platform software fed switch active fnf et-analytics-flow-dump** command in privileged EXEC mode.

show platform software fed switch active fnf et-analytics-flow-dump

Command Default	None	
Command Modes	Privileged EXEC	
Command History	Release	Modification
	Cisco IOS XE Everest 16.6.1	This command was introduced.

Example:

The following example shows how to display interface et-analytics flow dump.:

```
Device>enable
Device#configure terminal
Device# show platform software fed switch active fnf et-analytics-flow-dump

ET Analytics Flow dump
=====
Total packets received (27)
Excess packets received (0)
(Index:0) 72.163.128.140, 15.15.15.35, protocol=17, source port=53, dest port=12032, flow
done=u
SPLT: len = 2, value = (25600,0) (128,0)
IDP: len = 128, value = 45:0:0:80:f0:6c:0:0:f9:11:
(Index:1) 72.163.128.140, 15.15.15.35, protocol=17, source port=53, dest port=32356, flow
done=u
SPLT: len = 2, value = (59649,0) (128,0)
IDP: len = 517, value = 45:0:2:5:c3:1:0:0:f9:11:
(Index:2) 15.15.15.35, 72.163.128.140, protocol=17, source port=12032, dest port=53, flow
done=u
SPLT: len = 2, value = (10496,0) (128,0)
IDP: len = 69, value = 45:0:0:45:62:ae:40:0:40:11:
(Index:3) 15.15.15.35, 72.163.128.140, protocol=17, source port=32356, dest port=53, flow
done=u
SPLT: len = 2, value = (10496,0) (128,0)
IDP: len = 69, value = 45:0:0:45:62:ad:40:0:40:11:
```