



# F Commands

---

This chapter describes the system management commands that begin with F.

# feature ptp

To enable the PTP feature, use the **feature ptp** command. To unconfigure the PTP feature, use the **no** form of this command.

**feature ptp**

**no feature ptp**

**Syntax Description** There are no arguments or keywords for this command.

**Command Default** None

**Command Modes** Global configuration mode

Release	Modification
5.2(1)N1(1)	This command was introduced.

**Examples** This example shows how to enable PTP on the device:

```
switch# configure terminal
switch(config)# feature ptp
```

Command	Description
<b>feature ptp</b>	Enables or disables PTP on the device.
<b>ptp source</b>	Configures the source IP address for all PTP packets.
<b>ptp domain</b>	Configures the domain number to use for this clock.
<b>ptp priority1</b>	Configures the priority 1 value to use when advertising this clock.
<b>ptp priority2</b>	Configures the priority 1 value to use when advertising this clock.
<b>show ptp brief</b>	Displays the PTP status.
<b>show ptp clock</b>	Displays the properties of the local clock.

# filter access-group

To apply an access group to an Encapsulated Remote Switched Port Analyzer (ERSPAN) or Switched Port Analyzer (SPAN) source session, use the **filter access-group** command. To remove an access group, use the **no** form of this command.

**filter access-group** *acl-filter*

**no filter access-group** *acl-filter*

<b>Syntax Description</b>	<i>acl-filter</i>	Access control list (ACL) name. An ACL associates the access list with the SPAN session.
---------------------------	-------------------	--

<b>Command Default</b>	None
------------------------	------

<b>Command Modes</b>	SPAN session configuration mode (config-monitor) ERSPAN source session configuration mode (config-erspan-src)
----------------------	--

Command History	Release	Modification
	7.0(0)N1(1)	This command was introduced.

<b>Usage Guidelines</b>	ACL filtering allows you to filter SPAN and ERSPAN traffic so that you can reduce bandwidth congestion. An ACL is a list of permissions associated to any entity in the system; in the context of a monitoring session, an ACL is a list of rules which results in the spanning of traffic that matches the ACL criteria, saving bandwidth for more meaningful data. The filter applies to all sources in the session.
-------------------------	--



## Note

If the ACL has rules with a log option configured, the log option is ignored but the rule is implemented.

<b>Examples</b>	This example shows how to enable an ACL filter for a SPAN session:
-----------------	--

```
switch# configure terminal
switch(config)# monitor session 3
switch(config-monitor)# filter access-group acl_span_ses_3
```

This example shows how to enable an ACL filter for a ERSPAN session:

```
switch# configure terminal
switch(config)# monitor session 4 type erspan-source
switch(config-erspan-src)# filter access-group acl_erspan_ses_3
```

■ filter access-group

Related Commands	Command	Description
	monitor session	Creates a new SPAN or ERSPAN session.