L Commands

This chapter describes the Cisco NX-OS quality of service (QoS) commands that begin with L.

logging ip access-list cache

To configure the ACL logging process, use the **logging ip access-list cache** command. To revert to the defaults, use the no form of this command.

> **logging ip access-list cache {interval** *interval* **| entries** *number-of-entries* **| threshold** *threshold* **}**

> **no logging access-list cache {interval** *interval* **| entries** *number-of-entries* **| threshold** *threshold* **}**

Syntax Description

interval *interval*	The log-update interval, in seconds, for the ACL logging process. The default value is 300 seconds. The range is from 5 to 86400 seconds.
entries *number-of-entries*	The maximum number of flows to be monitored. The default value is 8000. The range is from 0 to 1048576.
threshold *threshold*	Specifies the packet threshold. If this amount of packets are logged before the expiry of the alert interval, the system generates a Syslog message.

Command Default   Not configured

Command Modes   Global configuration mode

Command History

Release	Modification
6.0(2)N1(2)	This command was introduced.

Usage Guidelines   To configure the ACL logging process, you first create the IPv6 access-list with log option enabled, then enable filtering of IPv6 traffic on an interface using the specified ACL, and finally configure the ACL logging process parameters.

Examples   This example shows how to set the interval, entries and threshold values for IPv6 ACL logging:

```
switch(config)# logging ip access-list cache interval 400
switch(config)# logging ip access-list cache entries 100
switch(config)# logging ip access-list cache threshold 900
```

Related Commands

Command	Description
ipv6 access-list	Creates an IPv6 ACL.
ipv6 port traffic-filter	Applies an IPv6 ACL to an interface as a port ACL.
ipv6 traffic-filter	Applies an IPv6 ACL to an interface.