

Monitoring Shared Shapers

Purpose Display information about the configured shared shapers.

The best-effort queue is listed as the first resource for shared shapers that are queue controlled. The best-effort scheduler node is listed as the first resource for shared shapers that are node controlled.

Action To display information about configured shared shapers for a specific interface:

```
host1#show qos shared-shaper interface atm 11/0
```

interface	resource	shared shaping rate	shaping rate	other
atm-vc ATM11/0.10	A atm-vc node	500000		rate 500000
	atm-vc queue best-effort			
	atm-vc node EF			
	A atm-vc queue EF voice		100000	
	atm-vc node AF			
	A atm-vc queue AF video		200000	
atm-vc ATM11/0.11	A atm-vc node	500000		rate 500000
	atm-vc queue best-effort			
	atm-vc node EF			
A atm-vc queue EF voice			100000	
	atm-vc node AF			
	A atm-vc queue AF video		200000	
Total shared shapers:		2		
Total constituents:		12		
Total shared shaper failovers:		0		
Compound shared shapers are not supported				

To display information about configured shared shapers for a specific L2TP session:

```
host1#show qos shared-shaper l2tp-session session1
```

To display information about the interface at the root of the scheduler hierarchy located on the tunnel-service interface or at the same hierarchy for LNS GRE tunnel traffic:

```
host1#show qos shared-shaper tunnel-server 6/0
```

To display information about the shared shapers for an interface set:

```
host1#show qos shared-shaper qos-interface-set gigEbusiness
```

To display information about the shared shapers for an interface superset:

```
host1#show qos shared-shaper qos-interface-superset allservices
```

Meaning Table 1 lists the **show qos shared-shaper** command output fields.

Table 1: show qos shared-shaper Output Fields

Field Name	Field Description
interface	Type of interface
resource	Traffic resource associated with the logical interface
shared shaping rate	Configured shared-shaping rate in bits per second
shaping rate	Individual shaping rate of a traffic resource in bits per second
other	Actual current shaping rate in bits per second
Total shared shapers	Total number of shared shapers
Total constituents	Total number of resource constituents for all shared shapers
Total number of shared shapers that are disabled (in failover mode) due to lack of resources	Total number of shared shapers that are disabled (in failover mode) due to lack of resources
Compound shared shapers are [not] supported	Indication of whether compound shared shapers are supported; determined by installed hardware

- Related Topics**
- Configuring a Scheduler Hierarchy
 - Configuring Simple Shared Shaping
 - Configuring Compound Shared Shaping
 - Configuring Interface Sets for QoS
 - Configuring Interface Supersets for QoS
 - show qos shared-shaper

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