ATM VP Average Traffic Rate

The ATM VP Average Traffic Rate feature is a subscriber and VP traffic reporting feature that enables you to display the 5-minute traffic rates on virtual path (VP) counters.

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Finding Feature Information

Your software release may not support all the features documented in this module. For the latest caveats and feature information, see Bug Search Tool and the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the feature information table.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to www.cisco.com/go/cfn. An account on Cisco.com is not required.

Information About ATM VP Average Traffic Rate

ATM VP Average Traffic Rate

The ATM VP Average Traffic Rate feature is a subscriber and VP traffic reporting feature that enables you to display the 5-minute traffic rates on virtual path (VP) counters. This feature extends the **show atm vp** command to provide rate information. Minute counters on the ATM VPs support the **show atm vp** command.

The ATM VP Average Traffic Rate feature provides support for VP-based rate counters and enables you to display the average traffic load on the VP for the last 5 minutes. This feature is enabled by default and requires no configuration. The duration of the counters is set at 5 minutes average.

How to Display ATM VP Average Traffic Rates

Displaying ATM VP 5-Minute Traffic Rates

To display the 5-minute traffic rates, use the following command in privileged EXEC mode:

Command	Purpose
`Router# show atm vp [vpi]`	Displays statistical information, including the 5-minute traffic rate, for all virtual paths (VPs) on an interface or for a specific VP. • (Optional) *vpi* is the ATM network virtual path identifier (VPI) of the permanent virtual path. The range is from 0 to 255. The VPI is an 8-bit field in the header of the ATM cell.

Configuration Examples for ATM VP Average Traffic Rates

ATM VP 5-Minute Traffic Rates Example

The following example shows sample output from the **show atm vp** command. The output displays the 5-minute traffic rates for VP 10:

```
Router# show atm vp 10

ATM1/1/0 VPI: 10, PeakRate: 100000, CesRate: 0, DataVCs: 1, CesVCs: 0, Status: INACTIVE
VCD VCI  Type InPkts  OutPkts  AAL/Encap   Status
1   3    PVC      0       0    F4 OAM     INACTIVE
2   4    PVC      0       0    F4 OAM     INACTIVE
3  100   PVC   78310   78310  AAL5-SNAP    ACTIVE
TotalInPkts: 78310, TotalOutPkts: 78310, TotalInFast: 0, TotalOutFast: 0, TotalBroadcasts:

5 Min Average Output Rate: 0 packets/sec, 32 bits/sec
TotalInPktDrops: 0, TotalOutPktDrops: 0
Total subscribed rate of active VC's: 0
```

Additional References

Related Documents

Related Topic	Document Title
show atm vp command	*Cisco IOS Asynchronous Transfer Mode Command Reference*

MIBs

MIB	MIBs Link
No new or modified MIBs are supported by this feature, and support for existing MIBs has not been modified by this feature.	To locate and download MIBs for selected platforms, Cisco IOS XE software releases, and feature sets, use Cisco MIB Locator found at the following URL: http://www.cisco.com/go/mibs

Technical Assistance

Description	Link
The Cisco Support website provides extensive online resources, including documentation and tools for troubleshooting and resolving technical issues with Cisco products and technologies. To receive security and technical information about your products, you can subscribe to various services, such as the Product Alert Tool (accessed from Field Notices), the Cisco Technical Services Newsletter, and Really Simple Syndication (RSS) Feeds. Access to most tools on the Cisco Support website requires a Cisco.com user ID and password.	http://www.cisco.com/techsupport

Feature Information for ATM VP Average Traffic Rate

The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to www.cisco.com/go/cfn. An account on Cisco.com is not required.

Table 1: Feature Information for ATM VP Average Traffic Rate

Feature Name	Releases	Feature Information
ATM VP Average Traffic Rate	Cisco IOS XE Release 2.3	Enables you to display 5-minute traffic rates at the VP level. The following command was modified: show atm vp.