

Timestamp Accuracy Improvement

- Feature Summary and Revision History, on page 1
- Feature Description, on page 2
- Monitoring and Troubleshooting, on page 2

Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	P-GW
Applicable Platform(s)	• ASR 5500 • VPC-DI • VPC-SI
Feature Default	Disabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	• *P-GW Administration Guide* • *Statistics and Counters Reference*

Revision History

Revision Details	Release
The **show active-charging flows full debug-info all** command is enhanced to display timestamp accuracy between VPP and session manager. For more information, see the *VPP Metric Enhancement* chapter in the *P-GW Administration Guide.*	21.27

Feature Description

When data packets get offloaded, the calculated ticks from the last arrived packet time lag behind the Starent Network Transmission (SNX) global tick time in the session manager. This results in non-synchronization of time between VPP and session manager. As the flow timeout is deducted incorrectly, the flow gets removed from the session.

The **show active-charging flows full debug-info all** command is enhanced to display the correct flow idle timeout.

Monitoring and Troubleshooting

This section provides information on how to monitor and troubleshoot using show commands available in support of this feature.

Show Commands and Outputs

This section provides information regarding show commands and their outputs for this feature.

show active-charging flows full debug-info all

Table 1: show active-charging flows full debug-info all Command Output Descriptions

Field	Description
Last Active Tick Time	Specifies the last active tick time for the data packet.
Current Tick Time	Specifies the current system tick time.