



# SaMOG Packet Capture (PCAP) Trace Support

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## Feature Information

### Summary Data

<b>Status</b>	New Feature
<b>Introduced-In Release</b>	21.2
<b>Modified-In Release(s)</b>	Not Applicable
<b>Applicable Product(s)</b>	SaMOG
<b>Applicable Platform(s)</b>	ASR 5500 vPC-SI vPC-DI
<b>Default Setting</b>	Disabled
<b>Related CDETS ID(s)</b>	CSCva99100
<b>Related Changes in This Release</b>	Not Applicable
<b>Related Documentation</b>	SaMOG Administration Guide Command Line Interface Reference Guide

### Revision History



#### Important

Revision history details are not provided for features introduced before release 21.2.

Revision Details	Release	Release Date
New in this release.	21.2	April 27, 2017

## Feature Description

The PCAP trace output of the **monitor subscriber** and **monitor protocol** commands can be exported as a hexdump file for SaMOG sessions. The hexdump capture can be stored in a text file in a hard disk, and later transferred to an external server through SFTP using a PUSH or PULL method.

PCAP trace and hexdump file collection can be enabled or disabled under the **monitor protocol** and **monitor subscriber** commands.

For SaMOG, hexdump captures can be enabled for the following protocols:

- GTPv1
- GTPv2
- GTPU
- User L3
- Diameter
- Radius
- EoGRE
- PMIPv6

SaMOG subscriber information for PCAP trace can be specified using the following filters:

- By MSID/IMSI
- By callid
- By username
- Next-Call
- By IMEI
- By MSISDN
- Next-SAMOG Call

For more information on PCAP Trace, Refer the *Packet Capture (PCAP) Trace* chapter in the *ASR5500 System Administration Guide*.