Sending SWm 3GPP AAA FQDN Address in CSReq

Sending SWm 3GPP AAA FQDN Address in CSReq feature is CLI controlled feature. This feature is disabled by default.

Feature Description

Overview

- ePDG sends AAA origin-host and origin-realm to PGW in Create Session Request, so that PGW can contact same AAA server for a particular UE for S6b interface. Origin-host and origin-realm are received from AAA server in Diameter-EAP-Answer and Authorization-Authentication-Answer with AVP Origin-Host and Origin-Realm
- These values are sent in optional GTPv2 IE named "3GPP AAA Server Identifier", which is of type "Node Identifier" as defined in TS 29.274

Configuring Sending SWm 3GPP AAA IP Address in CSreq

Use the following configuration to configure Sending SWm 3GPP AAA IP Address in CSreq.

```
config
    context context_name
        call-control-profile ccp1
            remove epdg-s2b-gtpv2 send aaa-server-id
          end
```

Performance Indicator Changes

Below are the show commands outputs added as part of NPLI e2e for VoWiFi on ePDG and PGW feature.

show subscribers full epdg-service *service_name*

WLAN Location:

- SSID:
- BSSID:
- Civic Address:
- Operator PLMNID:
- RelayAgent Id:
- Circuit Id:
- Timestamp:

show epdg-service statistics

- S2B Context Not Found:

show config

- epdg-s2b-gtpv2 send ue-local-ip-port
- epdg-s2b-gtpv2 send wlan-location-info-timestamp
- epdg-s2b-gtpv2 send message mbr trigger mobike
- epdg-swm send message aar trigger location-retrieval

show call-control-profile full all

ePDG S2b GTPv2 IE Options:

- Sending UE Local IP and UDP Port
- Sending WLAN Location Information/TimeStamp

ePDG S2B GTPv2 Message Options:

Modify Bearer Request:

- Triggers
- Mobike

ePDG s2b Swm Message Options:

Authorization and Authenticate Request

- Triggers

   Location-retrieval