



# 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, on page 1](#)
- [Configuring Sending SWm 3GPP AAA IP Address in CSReq, on page 1](#)
- [Performance Indicator Changes, on page 1](#)

## 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