Static IP Assignment from RADIUS

- Feature Description, on page 1
- How it Works, on page 1

Feature Description

In this feature, static IP address for a subscriber is assigned from RADIUS server during the initial authentication procedure. This feature leverages the static IP address (UE-requested) functionality available in CUPS.

How it Works

After the RADIUS server assigns static IP address to the session, the User Plane selection of static session is fixed as per chunk allocation to User Plane from the User Plane group that is associated to an APN.

If same static IP address range is used across multiple APN, then it's recommended to use same User Plane group in those APN.

For more information on static IP pool management, refer the IP Pool Management chapter in the *Ultra Packet Core CUPS User Plane Administration Guide or Ultra Packet Core CUPS Control Plane Administration Guide*.

Limitations

The following are the known limitations of the feature:

- Static IP Address Pool assignment from RADIUS isn't supported as part of this feature.
- SAEGW-C doesn't support IPv4v6 PDN type call with static address received from RADIUS, even if one of the IP addresses (either IPv4 or IPv6, or both) is static address.
- SAEGW-C doesn't support allow-static type pool configuration.
- Multi-PDN call with static IP address allocation isn't supported.