Suppressing CCR-U Quota with Validity Timer

Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	• GGSN • P-GW • SAEGW
Applicable Platform(s)	All
Feature Default	Disabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	• *Command Line Interface Reference* • *GGSN Administration Guide* • *P-GW Administration Guide* • *SAEGW Administration Guide*

Revision History

Revision Details	Release
First Introduced .	21.20.16

Feature Description

The Validity-Time Attribute Value Pair (AVP) is primarily used in the following conditions:

1. Granted-Service-Unit (GSU)

2. Final-Unit-Indication (FUI)

This feature deals only with Granted-Service-Unit (GSU). The validity time AVP contains the time for which the GSU is valid. After the expiry of Validity-Time, an update request is sent to the server to get a new GSU.

When the GSU is zero,then the P-GW sends an update request towards the Credit Control Server for every packet it receives, inspite the validity timer is still running in the existing behaviour.

This existing behavior is enhanced, where there is no update request be sent towards Credit Control Server, even if GSU is zero and the validity timer is running. The new behavior is only valid when no Final-Unit-Indication AVP has come.

This is done by using the configuration command **suppress-ccru zero-gsu-with-validity-timer** to control the activity.

Suppressing CCR-U Quota with Validity Timer Running

Use the following configuration commands to suppress CCR-U quota with validity timer running:

```
configure
   active-charging-service service_name
      credit-control
       diameter suppress-ccru zero-gsu-with-validity-timer
       [ no ] diameter suppress-ccru
         end
```

NOTES:

- **suppress-ccru**—Specifies that the P-GW suppresses sending CCR-U message for Quota.

- **zero-gsu-with-validity-timer**—Specifies that the P-GW suppresses sending CCR-U for Quota for No GSU when the validity timer is running.

- **[no]**—Specifies that if previously configured, it disables the CCR-U suppression **zero-gsu-with-validity-timer** configuration.