3GPP Changes to the Gx Interface

- Feature Information, on page 1
- Feature Changes, on page 2
- Limitations, on page 2

Feature Information

Summary Data

Status	Modified Functionality
Introduced-In Release	21.1
Modified-In Release(s)	21.2
Applicable Product(s)	P-GW, SAEGW
Applicable Platform(s)	ASR 5500
Default Setting	Yes, only for Customer specific Gx Dictionary.
Related CDETS ID(s)	CSCvc99275
Related Changes in This Release	Not Applicable
Related Documentation	P-GW Administration Guide SAEGW Administration Guide

Revision History

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

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

Feature Changes

Currently, P-GW sends 3GPP-User-Location-Info AVP in CCR-U for the event trigger Successful_Resource_Allocation, only if there is a change in the ULI. This feature has been implemented to comply with the 3GPP specifications. With this feature, P-GW sends 3GPP-User-Location-Info in CCR-U for the event trigger Successful_Resource_Allocation, even if there is no a change in the ULI. If the Resource-Allocation-Notification AVP is included in the Charging-Rule-Install AVP, 3GPP-User-Location-Information is included in the CCR-U sent towards the PCRF.

Limitations

Following are the limitations of this feature:

1. This feature works with diameter dictionary dpca-custom8.
2. Resource-Allocation-Notification AVP should be included within a Charging-Rule-Install AVP while installing/modifying rule.