



# 3GPP Changes to the Gx Interface

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## Feature Information

### Summary Data

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