New Attribute in P-GW CDR for Custom GTPP Dictionary

Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	P-GW
Applicable Platform(s)	• ASR 5500 • VPC-DI • VPC-SI
Feature Default	Enabled - Always-on (for customer-specific GTPP dictionary)
Related Changes in This Release	Not Applicable
Related Documentation	Not Applicable

Revision History

Revision Details	Release
In this release, new 5G NSA attributes are included in customer-specific P-GW GTPP dictionary.	21.11.3
First introduced.	Pre 21.2

Feature Changes

To support 5G NSA NR usage reporting functionality, Cisco has introduced additional containers for secondary RAT usage reports in P-GW CDR for a customer-specific GTPP dictionary.

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Important This feature is customer-specific, requiring a custom GTPP dictionary. For more information, contact your Cisco Account representative.

The following fields are now included in P-GW CDR for a custom GTPP dictionary.

Field	Tag Number	Category	Description	Format	Size (in bytes)	ASN1 Code
List of RAN Secondary RAT Usage Reports	73	OC	This field includes one or more containers reported from the RAN for a secondary RAT.	Sequence of RAN Secondary RAT Usage Report	Variable	0xbf49
RAN Secondary RAT Usage Report	73-0	M	This field includes one or more containers reported from the RAN for a secondary RAT.	Sequence	Variable	0x30
Data Volume Uplink	73-0-1	M	This field includes the number of octets transmitted during the use of the packet data services in the uplink direction reported from RAN. The counting and reporting from RAN of uplink data volumes is optional.	Unsigned Integer	9	0x81
Data Volume Downlink	73-0-2	M	This field includes the number of octets transmitted during the use of the packet data services in the downlink direction reported from RAN. The counting and reporting from RAN of downlink data volumes is optional.	Unsigned Integer	9	0x82
RAN Start Time	73-0-3	M	This field is a time stamp, which defines the moment when the volume container is opened by the RAN.	Timestamp	9	0x83
RAN End Time	73-0-4	M	This field is a time stamp, which defines the moment when the volume container is closed by the RAN.	Timestamp	9	0x84