



Release 21.28 Features and Changes Quick Reference

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Release 21.28 Features and Changes

Features / Behavior Changes	Applicable Product(s) / Functional Area	Release Introduced / Modified
Adding Abort Except Subscription Withdrawn Statistics as CLR Types	MME	21.28.m10
Address Hold Timer Support	P-GW	21.28.m14
Collision Handling of Modify Bearer Request over Modify Bearer Request Drop and Retry	<ul style="list-style-type: none"> • P-GW • SAEGW • S-GW 	21.28.m4
Detecting Reuse of TCP Ports	P-GW	21.28.m15
Differential Charging with 5G NSA	MME	21.28.M0
Dynamic S-GW Selection for Interworking-5GC	MME	21.28.m7
Encrypt AES-GCM Algorithm	IPSec	21.28
Fetching the Target eNB based on the Target en-gNB ID without TAC	MME	21.28.m5
Handling Simultaneous Gy RARs from Different DRAs with Different RGs	P-GW	21.28
Handling Duplicate eNodeB Path	MME	21.28.M0
Handling CC-Request-Number AVP during Assume Positive State	P-GW	21.28.m7

Features / Behavior Changes	Applicable Product(s) / Functional Area	Release Introduced / Modified
Increasing CPU threshold from 30 to 70	StarOs	21.28.M0
Handling 5G to 4G TAU when n1-mode is not Supported	MME	21.28.m5
IP Source Violation	P-GW	21.28
IKEV2 VRF Support	StarOS	21.28.5
NAT Port Chunk Hold Timer Support	P-GW	21.28.m10
Processing APCO IE on Unsupported Container ID	ePDG	21.28.M0
Public Warning System Failure and Restart Indication Support on SBc Interface	MME	21.28
Recording the APN in the EDR Record	<ul style="list-style-type: none"> • SGSN • MME 	21.28.m10
Reject Sessions from Blocked APGROUPNAME	SaMOG	<ul style="list-style-type: none"> • 21.28.M5 • 21.28.M1
QCI67 Support	MME	21.28
Send 5G User Location Information to SMF+PGW-c	ePDG	21.28.m10
Separate Counters for All EAP Type for Success and Failure Events	SaMOG	21.28
Subscriber Session Continuation at SaMOG During Wi-Fi Frequency Band Change	SaMOG	21.28
Support for DH group 5 Encryption under IKESA and IPSEC Transform Set	ePDG IPSEC	21.28.m6
TMSI Based NRI Container IE	MME	21.28
TEID Collision with ULI Change	P-GW	21.28.m4
Security Enhancement	StarOS	21.28.1
SMS over NAS Messages on SGd Interface	MME LI	21.28.m18
UE-Usage-Type Based P-GW or SMF+PGW-C Selection	ePDG	<ul style="list-style-type: none"> • 21.28.5 • 21.28.6

Features / Behavior Changes	Applicable Product(s) / Functional Area	Release Introduced / Modified
Updating TAC Id to SGW on Delete Session Request	MME	21.28.Fm0
VLAN-aware VMs	P-GW	21.28.M0

