

Version 11.0.0.10

Release Date: March 22, 2016

Component Versions

1. NetEPC : 11.0.0.10
2. NetCLI : 11.0.0.10
3. NetCell : 11.0.0.10
4. NetEPC Management System (NMS) : 11.0.0.10

Resolved Issues

Issue #	Summary
12516	Memory consumption increases rapidly on continuous DL data to Idle UEs(not respond to Paging) causes the system unresponsive
12512	Re-Attach fails with Redundant MME via MME Load Balancer
12495	NetEPC HSS crashes while fetching the "Status page" information for large number of active subscribers
12491	Attached Subscriber De-registration from NetConsole failed
12490	NetEPC system got kernel panicked during long duration run in OCS mode
12483	APN link in subscriber monitoring page fails to display latest APN AMBR values after HSS initiated APN-AMBR modification for Idle UE
12475	MME Load Balancer is not updating the change in MME "Relative Capacity" in its Status page
12473	PGW behaves incorrectly when "Minimum Granted Unit" is set to 1 second with Time based charging
12452	Data continues to flow though dedicated bearer in a specific direction even after packet filter for that direction is deleted
12448	PLMN configuration change from NetConsole does not work
12408	SGsAP configuration of MME does not persist across MME system restart
12407	MME fails to send 'overload stop' message to eNodeB once it reaches the threshold value, causes attach failure
12050	Older Network Configuration file upload fails through NetConsole

Known Issues

Issue #	Summary
12566	Dedicated bearer gets deleted after QoS modification with UL-only or DL-only filter
12563	Periodic license checking failed in PGW after 6 hrs or more with online charging
12560	Session based fair usage policy is not working
12409	Netconsole shows some warning for software rollback procedure

Version 11.0.0.9

Release Date: February 15, 2016

New in this Release

1. Configuration of Services without charging

Component Versions

1. NetEPC : 11.0.0.9
2. NetCLI : 11.0.0.9
3. NetCell : 11.0.0.9
4. NetEPC Management System (NMS) : 11.0.0.9

Resolved Issues

Issue #	Summary
12377	Fair usage policy is not working for Month End Reset
12364	The Subscriber Monitoring Page of NetConsole does not reflect initial UL/ DL Data Flow
12358	All NetEPC nodes do not start automatically every time after reboot
12357	APN restriction value is not updated in create session request for new PDN connection with piggybacked bearer
12346	UE cannot receive downlink traffic after Idle Mode Mobility with MME relocation
12301	Network Triggered Service Restoration (NTSR) cannot be disabled for an APN once it is enabled
12291	Moving a Subscriber from Postpaid to Prepaid service does not work
12270	Neighbor SGW configuration in MME cannot be modified
12264	PGW terminates if thousands of UEs are attached after OFCS restart
11870	PGW doesn't support Handover procedures via Non-3GPP access

Known Issues

Issue #	Summary
12473	PGW behaves incorrectly when "Minimum Granted Unit" is set to 1 second with Time based charging
12448	PLMN configuration change from NetConsole does not work
12409	Netconsole shows some warning for software rollback procedure
12408	SGsAP configuration of MME does not persist across MME system restart
12407	MME fails to send 'overload stop' message to eNodeB once the load falls below the threshold value, causes UE Attach failure
12050	Older Network Configuration file upload fails through NetConsole

Version 11.0.0.8 Beta

Release Date: January 14, 2016

Component Versions

1. **NetEPC : 11.0.0.8**
2. **NetCLI : 11.0.0.8**
3. **NetEPC Management System (NMS) : 11.0.0.8**

Resolved Issues

Issue #	Summary
12241	SGW calculates packet length incorrectly in fragmented downlink data packets
12240	New CDR file is not generated when closure volume limit is reached
12176	Redirection of OCS user to Captive Portal due to low balance does not work
12146	PGW crashes after Emergency Attach
12143	Incorrect uplink 'Data Rate' and 'Total Bytes' display for IPv6 data traffic on PGW status page and subscriber monitoring page
12135	Network Configuration with different Subscription Profile could not be applied to HSS
12093	NetEPC system gets Kernel panic whenever PGW is restarted after SGW relocation
12073	Network Configuration could not be loaded properly
11928	Data rate decreases gradually for UEs if attached after a large group of UEs
11763	PGW does not always start on cold start of the complete EPC system

Known Issues

Issue #	Summary
12358	All NetEPC nodes do not start automatically every time after reboot
12346	UE cannot receive downlink traffic after Idle Mode Mobility with MME relocation
12301	Network Triggered Service Restoration (NTSR) cannot be disabled for an APN once it is enabled
12291	Moving a Subscriber from Postpaid to Prepaid service does not work
12270	Neighbor SGW configuration in MME cannot be modified
12264	PGW terminates if thousands of UEs are attached after OFCS restart
11870	PGW doesn't support Handover procedures via Non-3GPP access

Version 11.0.0.6 Beta

Release Date: December 03, 2015

New in this Release

1. Control Plane performance improvement: Up to 10x faster signaling on suitable hardware compared to release 10.2.
2. HeNB Gateway with S1-MME and S1-u interfaces.
3. Location Services (LCS): SLg and SLs interfaces in MME to GMLC and E-SMLC. SLh interface in HSS to GMLC.
4. VoLTE: SRVCC Handovers with 3GPP Access networks.
5. GERAN and UTRAN support in HSS with S6d interface.
6. LIPA and SIPTO support in MME and HSS.
7. Configurable DSCP marking on Uplink and Down link traffic over S1u, S5u and SGi interfaces.
8. Untrusted non-3GPP Access Network support in HSS/AAA and PGW.
9. Trusted non-3GPP Access: Support for HSS-initiated procedures.
10. NetCLI: Command Line Interface to configure and control NetEPC.

Component Versions

1. **NetEPC : 11.0.0.6**
2. **NetCell : 11.0.0.6**
3. **NetCLI : 11.0.0.6**
4. **NetEPC Management System (NMS) : 11.0.0.6**

Known Issues

Issue #	Summary
12176	Redirection of OCS user to Captive Portal due to low balance does not work
12143	Incorrect uplink 'Data Rate' and 'Total Bytes' display for IPv6 data traffic on PGW status page and subscriber monitoring page
12135	Network Configuration with different Subscription Profile could not be applied to HSS
11928	Data rate decreases gradually for UEs if attached after a large group of UEs
11763	PGW does not always start on cold start of the complete EPC system
12093	Kernel panic whenever PGW is restarted after SGW relocation
12146	PGW crashes after Emergency Attach
12073	Network Configuration could not be loaded properly

Version 11.0.0.2 Beta

Release Date: December 03, 2015

New in this Release

1. NetCell: Integrated eNB and EPC.
 - b) Includes MME, SGW, PGW, HSS, PCRF.
 - c) Supports 64 simultaneously attached users.

Component Versions

1. NetCell : 11.0.0.2
2. NetEPC Management System (NMS) : 11.0.0.2

Version 10.2.0.12

Release Date: December 14, 2015

Component Versions

1. NetEPC : 10.2.0.12
2. NetEPC Management System (NMS) : 10.2.0.12

Version 10.2.0.11

Release Date: November 26, 2015

Version 10.2.0.9

Release Date: September 11, 2015

Version 10.2.0.7

Release Date: July 02, 2015

Version 10.2.0.6

Release Date: May 01, 2015

Version 10.2.0.5 Beta

Release Date: March 23, 2015

Version 10.2.0.2 Beta

Release Date: February 25, 2015

New in this Release

1. MBMS-GW with M1, Sm, SG-mb and SGI-mb interfaces. MBMS support in MME.
2. MME Load Balancer to distribute eNBs that do not support S1-Flex.
3. 3GPP AAA Server co-located with NetEPC HSS.
4. Inter working with IMS.
5. Trusted non-3GPP Access.
6. Off-peak Charging.
7. Event-based Online Charging.
8. Network Monitoring Dashboard.