
Version 9.3.0.10**Release Date:** March 06, 2014**New in this Release**

Component Versions

1. NetEPC : 9.3.0.10
2. NetEPC Management System (NMS) : 9.3.0.10

Resolved Issues

Issue #	Summary
9521	NetEPC PGW crashes during UE initiated bearer modification where TFT operation is 'add packet filter' when an external PCRF is used.
9476	MME sends incorrect SGW S1-u transport address to eNodeB after SGW relocation in idle mode mobility followed by DL data notification.
9497	Prepaid users are directed to OFCS by NetEPC PGW when an external PCRF is used.
9500	NetEPC SGW becomes unresponsive after receiving GTPv1u Error Indication with extension header.
9537	Piggybacked dedicated bearer creation using NetEPC PCRF fails.
9543	NetEPC PGW fails to forward downlink traffic for IPv6 UEs.

Known Issues

Issue #	Summary
9294	When NetEPC PGW enforces traffic shaping, data rate displayed in subscriber monitoring page of NetConsole is incorrect.
9550	NetEPC MME fails to establish Diameter session with an external HSS if the HSS does not include the supported vendor-specific applications in Auth Application ID AVP inside CER/CEA message.
9601	When piggybacked dedicated bearer is created using NetEPC PCRF, DNS server is incorrectly configured in the UE. Possible workaround: You need to manually set a working DNS server in the UE. If you have a rooted android phone, you can download and install "DNS Changer" app to do this.

Version 9.3.0.7**Release Date:** January 20, 2014**New in this Release**

1. Fedora 19 support: NetEPC is supported on Fedora 19 Linux with kernel version 3.11.9-200.

Component Versions

1. NetEPC : 9.3.0.7
2. NetEPC Management System (NMS) : 9.3.0.7
3. NetEPC HSS : 9.3.0.7

Resolved Issues

Issue #	Summary
9172	NetEPC OCS crashes if a Service with online charging is deleted while it is in active use by more than 1000 pre-paid subscribers connected to the network.
9333	NetEPC PGW crashes if Usage Monitoring is enabled after approximately 12-16 hours of operation.

Known Issues

Issue #	Summary
9476	MME sends incorrect SGW S1-u transport address to eNodeB after SGW relocation in idle mode mobility followed by DL data notification.
9294	When NetEPC PGW enforces traffic shaping, data rate displayed in subscriber monitoring page of NetConsole is incorrect.
9550	NetEPC MME fails to establish Diameter session with an external HSS if the HSS does not include the supported vendor-specific applications in Auth Application ID AVP inside CER/CEA message.

Version 9.3.0.4

Release Date: November 27, 2013

New in this Release

1. Online charging: The Online Charging Server (OCS) has been added as a NetEPC element.
2. Gx, Gy and Gz interfaces in PGW: Introduced as a beta release. Interoperability tests with PCRF and Charging Servers from other vendors are currently in progress.
3. Circuit-switched Fallback (CSFB): NetEPC supports CSFB to 3GPP access (GERAN and UTRAN) and CDMA 1xRTT for both voice call and SMS. Packet-switched (PS) handover is not supported in this release.
4. Interworking with GERAN and UTRAN: NetEPC supports inter-RAT PS handover to GERAN and UTRAN using S4 interface.
5. Local breakout Roaming.
6. Partial path failure.
7. PGW and Charging Server selection via DNS: NetEPC MME supports DNS lookup for PGW selection. NetEPC PGW supports DNS lookup for Charging Server (OCS / OFCS) selection.
8. Packet Capture: NMS uses *tshark* (www.wireshark.org) to capture protocol messages over the various network interfaces.
9. Service Restoration: NetEPC offers service continuity in the event of element failure through the use of redundant elements.

Component Versions

1. **NetEPC : 9.3.0.4**
2. **NetEPC Management System (NMS) : 9.3.0.4**
3. **NetEPC HSS : 9.3.0.4**