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11-Digit MSISDN Support

Feature Summary and Revision History

Table 1: Summary Data

Applicable Product(s) or Functional Area	CPS
Applicable Platform(s)	Not Applicable
Default Setting	Enabled - Always-on
Related Changes in This Release	Not Applicable
Related Documentation	Not Applicable

Table 2: Revision History

Revision Details	Release
First introduced	22.1.0

Feature Description

The CPS now supports 11-digit MSISDN when it receives Gx_CCR-I to create the Gx session.

When `udc.msisdn.digit` parameter is set to 15 in `qns.conf` file and 11-digit MSISDN is sent as a part of the Gx session initiation request, then:

- QNS sends 10 digit MSISDN to UDC.

- Country code is removed in QNS and only 10 digit MSISDN session is stored.

- The removed country code is stored as prefix.

- UDC makes LDAP Query to MIND using 10-digits. MIND always stores the 10-digit MSISDN.

Dynamic Preemption-Capability and Dynamic Preemption-Vulnerability Support for Dedicated Bearers

Feature Summary and Revision History

Table 3: Summary Data

Applicable Product(s) or Functional Area	CPS
Applicable Platform(s)	Not Applicable
Default Setting	Disabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	*Not Applicable*

Table 4: Revision History

Revision Details	Release
First introduced	22.1.0

Feature Description

In CPS, with Dynamic Allocation Retention Priority (ARP) Functionality, Dedicated Bearers (Rx rule) QOS ARP Priority-Level (PL) value can be calculated based on the Default Bearer ARP Priority-Level, using the mathematical expression (for example D, D+2 and D-2).

In the CPS 22.1.0 release, the Dynamic ARP functionality is enhanced to support Preemption-Capability (PC) and Preemption-Vulnerability (PV) for dedicated bearers based on the default bearer PC and PV values.

The following new statistics are added:

- rx_dynamic_qos_<Media-Type>_ pc_<dynamic_PC>

- gx_default_qos_pc_<PC>

- rx_dynamic_qos_<Media-Type>_ pv_<dynamic_PV>

- gx_default_qos_pv_<PV>

For more information on statistics, see Statistics/KPI Additions or Changes.

KPI Support for Rx Binding DB Health Check

Feature Summary and Revision History

Table 5: Summary Data

Applicable Product(s) or Functional Area	CPS
Applicable Platform(s)	Not Applicable
Default Setting	Enabled - Always-on
Related Changes in This Release	Not Applicable
Related Documentation	Not Applicable

Table 6: Revision History

Revision Details	Release
First introduced	22.1.0

Feature Description

In CPS, if an IPv6 binding is not present in the binding-db, the Policy Control Rule Function (PCRF) determines status of IPv6 binding-db to take corrective action for the session.You can now initiate a message that results in querying the binding-db and allow the PCRF to take corrective action based on the response. The following new KPIs are added:

- Rxb AAA_<errorCode>

- Rxb AAA_<errorCode>

For more information on statistics, see Statistics/KPI Additions or Changes