**3GPP TSG-SA WG6 Meeting #64S6-245345**

**Orlando, USA, 18th – 22nd November 2024 (revision of S6-245194)**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.180** | **CR** | **0010** | **rev** | **1** | **Current version:** | **18.0.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Updates to clauses 2 and 3 (References, Definitions, Abbreviations) to support access agnostic IOPS | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Ericsson | | | | | | | | | |
| ***Source to TSG:*** | SA6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | Generic\_IOPS | | | | |  | ***Date:*** | | | 11-Nov-2024 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The current IOPS specification is focused only on support for LTE. This CR is one of several CRs focused on making the IOPS specification generic. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Changing the Reference, the Definitions and the Abbreviation sections so that all 3GPP access methods are applicable to support IOPS. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | IOPS is not access agnostic and only LTE is supported. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 2, 3.1, 3.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\* \* \* First Change \* \* \* \*

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 23.401: "General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access".

[3] 3GPP TS 23.280: "Common functional architecture to support mission critical services ".

[4] 3GPP TS 23.468: "Group Communication System Enablers for LTE (GCSE\_LTE); Stage 2".

[5] 3GPP TS 23.379: "Functional architecture and information flows to support Mission Critical Push To Talk (MCPTT); Stage 2".

[6] 3GPP TS 23.282: "Functional architecture and information flows to support Mission Critical Data (MCData); Stage 2".

[7] 3GPP TS 23.002: "Network Architecture".

[8] 3GPP TS 23.203: "Policy and charging control architecture".

[9] 3GPP TS 22.346: "Isolated Evolved Universal Terrestrial Radio Access Network (E-UTRAN) operation for public safety; Stage 1".

[10] 3GPP TS 23.281: "Functional architecture and information flows to support Mission Critical Video (MCVideo); Stage 2".

[11] 3GPP TS 22.280: "Mission Critical Services Common Requirements (MCCoRe); Stage 1".

[23.289] 3GPP TS 23.289: "Mission Critical Services over 5G System; Stage 2".

[23.501] 3GPP TS 23.501: "System architecture for the 5G System (5GS)".

[23.247] 3GPP TS 23.247: "Architectural enhancements for 5G multicast-broadcast services".

[23.503] 3GPP TS 23.503: "Policy and charging control framework for the 5G System (5GS); Stage 2".

# 3 Definitions and abbreviations

## 3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**IOPS MC system:** The collection of application functions and enabling capabilities required to support mission critical services in the IOPS mode of operation.

**IOPS mode of operation:** Provides the ability to maintain a level of communications for MC users in case the backhaul connection is lost.

**IOPS 3GPP system:** It is a group of 3GPP core entities that are either co-sited with or co-located in an IOPS capable base station.

**Broadcast/multicast session:** Is either the MBMS bearer in EPS or the MBS session in 5GS.

**Unicast session:** A unicast session is either a unicast bearer in EPS, or a unicast PDU session in 5GS.

For the purposes of the present document, the following terms given in 3GPP TS 23.280 [3] apply

**MC service**

**MC service client**

**MC service group**

**MC service ID**

**MC service user**

**MC service UE**

**MC user**

## 3.2 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in 3GPP TR 21.905 [1].

APN Access Point Name

DNN Data Network Name

IOPS Isolated Operation for Public Safety

EPC Evolved Packet Core

EPS Evolved Packet System

MBMS Multimedia Broadcast and Multicast Service

MC Mission Critical

PLMN Public Land Mobile Network

\* \* \* End Of Change \* \* \* \*