**3GPP TSG- Meeting # *S5-244928***

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **28.622** | **CR** |  | **rev** | **1** | **Current version:** |  |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network | **X** | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Rel-18 CR TS 28.622 add area scope in QMC | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, Ericsson | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eQoE | | | | |  | ***Date:*** | | | 2024-03-28 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-18 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The agreed CR S5-242207 is not implemented. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add the missing corrections on the attribute areaScope. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | It would be unclear to perform signalling based QMC in specific area. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.3.54.1, 4.3.54.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

***Start of First change***

### 4.3.54 QMCJob

#### 4.3.54.1 Definition

The QoE Measurement Collection provides capability for collecting QoE information from:

- UEs which are in the specified area in case of Management Based Activation or

- an individual UE in case of Signalling Based Activation.

The QoE Measurement Collection enables collection of application layer measurements from the UE for specified end user service type. The supported service types are:

- Streaming services, see TS 26.247 [51].

- MTSI services, see TS 26.114 [52].

- VR services, see TS 26.118 [53].

A QMCJob instance represents the job for collecting QoE measurements according to the job parameters. For details of the QoE measurement collection configuration parameters see clause 5 of TS 28.405 [50]. A QMCJob instance can be name-contained by SubNetwork or ManagedElement.

A QMC Job is activated by creating a QMCJob object instance in the MnS producer. For details of Management Based Activation of QoE Measurement Collection see clause 4.5 and for details of Signalling Based Activation of QoE Measurement Collection see clause 4.6 of TS 28.405 [50]. The attributes pLMNTarget are only relevant when Management Based Activation is used and the attribute qoETarget is only relevant when Signalling Based Activation is used. All other attributes are common for both Management Based Activation and Signalling Based Activation.

When a MnS consumer wishes to deactivate a QMC Job, the MnS consumer shall delete the corresponding QMCJob instance.

NOTE: If the reporting is ongoing, when a request to delete a QMCJob instance is received, the reporting does not end. The QMCJob instance is deleted, when the last reporting for the QMC Job expires.

The jobId attribute presents the job identifier of a QMCJob instance. The jobId can be used to associate multiple QMCJob instances. For example, it is possible to configure the same jobId value for multiple QMCJob instances required to produce the data (e.g. Streaming services and MTSI reports) for a specific network analysis.

#### 4.3.54.2 Attributes

The QMCJob IOC includes attributes inherited from Top IOC (defined in clause 4.3.29) and the following attributes:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute Name | S | isReadable | isWritable | isInvariant | isNotifyable |
| serviceType | M | T | T | F | T |
| areaScope | CM | T | T | F | T |
| qoECollectionEntityAddress | M | T | T | F | T |
| pLMNTarget | CM | T | T | F | T |
| qoETarget | CM | T | T | F | T |
| qoEReference | M | T | T | F | T |
| jobId | O | T | T | T | T |
| sliceScope | CM | T | T | F | T |
| qMCConfigFile | M | T | T | F | T |
| mDTAlignmentInformation | O | T | T | F | T |
| availableRANqoEMetrics | O | T | T | F | T |

#### 4.3.54.3 Attribute constraints

|  |  |
| --- | --- |
| Name | Definition |
| areaScope (support qualifier) | Condition: This attribute shall be supported when the QMC is targeting specific area(s). |
| pLMNTarget (support qualifier) | Condition: This attribute shall be supported when Management Based Activation is used and if network sharing is deployed. |
| qoETarget (support qualifier) | Condition: This attribute shall be supported when Signalling Based Activation is used. |
| sliceScope (support qualifier) | Condition: This attribute shall be supported when the QMC is targeting specific slice(s). |

#### 4.3.54.4 Notifications

The common notifications defined in clauses 4.5.1 and 4.5.2 are valid for this IOC, without exceptions.

***End of change***