**3GPP TSG-SA5 Meeting #158S5-247264**

Orlando, FL, U.S.A., 18 - 22 November 2024

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **28.310** | **CR** | **0057** | **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 |  |

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| ***Title:*** | Rel-18 CR TS 28.310 correction of requirements | | | | | | | | | |
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| ***Source to WG:*** | Ericsson LG Co | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | EE5GPLUS\_Ph2 | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***Release:*** | | |  |
|  | *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)* | |
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| ***Reason for change:*** | | Same requirement labels are used for different use cases requirements 28.310. Requirements related to “capacity booster cell overlaid by candidate cell(s)” are referred to in several places. Since the same label are used for “energy saving compensation activation and deactivation” it is not clear which requirement is relevant. | | | | | | | | |
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| ***Summary of change:*** | | Correct the requirment lables to match the use case. | | | | | | | | |
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| ***Consequences if not approved:*** | | Having the same lable for different requirements makes traceability impossible to follow. | | | | | | | | |
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| ***Clauses affected:*** | | 5.2.3.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

***First change***

#### 5.2.3.1 Requirements for capacity booster cell overlaid by candidate cell(s)

**REQ-ESCOL-FUN-1:** The management service producer responsible for energy saving should have the capability allowing its authorized consumer to configure the cell overlaid relations, and energy saving policies, and to enable or disable the function for a NR capacity booster cell to enter energy saving mode.

**REQ-ESCOL-FUN-2:** The management service producer responsible for energy saving should have the capability to send notifications to the authorized consumer to indicate the energy saving mode has been activated or deactivated in the NR capacity booster cell.

**REQ-ESCOL-FUN-3:** The management service producer responsible for energy saving should have the capability allowing its authorized consumer to collect the traffic load performance measurements of NR capacity booster and candidate cells.

**REQ-ESCOL-FUN-4:** The management service producer responsible for energy saving should have the capability allowing its authorized consumer to request the NR capacity booster cell to enter the energy saving mode.

**REQ-ESCOL-FUN-5:** The management service producer responsible for energy saving should have the capability allowing its authorized consumer to deactivate the energy saving mode of a NR capacity booster cell.

**REQ-ESCOL-FUN-6:** The management service producer responsible for energy saving should have the capability allowing its authorized consumer to configure one or more related cells as the candidate cells to take over the coverage when the original NR capacity booster cell is going into energy saving mode.

**REQ-ESCOL-FUN-7:** The management service producer responsible for energy saving should have the capability allowing its authorized consumer to request the NR capacity booster cell to leave the energy saving mode.

#### 5.2.3.2 Requirements for switch off edge UPFs during off-peak hours

**REQ-SOUPF-FUN-1:** The management service producer responsible for energy saving should have the capability allowing its authorized consumer to collect the traffic load performance measurements of its edge UPFs.

**REQ-SOUPF-FUN-2:** The management service producer responsible for energy saving should have the capability allowing its authorized consumer to administratively prohibit selected edge UPFs from performing services for its users, either with immediate effect or only when no more users are using these UPFs.

#### 5.2.3.3 Requirements for energy saving compensation activation and deactivation procedures

**REQ-ESCOMP-FUN-1:** The Domain-centralized ES shall support the procedure to initiate energy saving compensation activation to one or multiple cells.

**REQ-ESCOMP-FUN-2:** The Domain-centralized ES shall support the procedure to initiate energy saving compensation deactivation to one or multiple cells.

**REQ-ESCOMP-FUN-3:** The distributed ES function shall support the procedure to initiate energy saving compensation activation to one or multiple cells.

**REQ-ESCOMP-FUN-4:** The distributed ES function shall support the procedure to initiate energy saving compensation deactivation to one or multiple cells.

***End of changes***