**3GPP TSG-CT WG1 Meeting #123-eC1-20vxxx**

**Electronic meeting, 16-24 April 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.501** | **CR** | **2158** | **rev** | **1** | **Current version:** | **16.4.1** |  |
|  | | | | | | | | |
| *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:*** | Routing indicator update in an SNPN | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | Vertical\_LAN | | | | |  | ***Date:*** | | | 2020-04-19 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Routing indicator update should be applicable in an AKA-based SNPN. | | | | | | | | |
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| ***Summary of change:*** | | It is clarified that the routing indicator update is possible in an SNPN. | | | | | | | | |
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| ***Consequences if not approved:*** | | Routing indicator update is not possible in an SNPN. | | | | | | | | |
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| ***Clauses affected:*** | | 4.11 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

## 4.11 UE configuration parameter updates

The 5GS in a PLMN supports updating UE parameters via NAS signalling. The feature enables the HPLMN to securely and dynamically re-configure the UE configuration parameters stored on the USIM and the ME.

In this release of the specification, updates of the following USIM configuration parameters are supported:

- routing indicator.

In this release of specification, updates of the following ME configuration parameters are supported:

- default configured NSSAI.

The 5GS in an SNPN supports updating UE parameters via NAS signalling. The feature enables the SNPN to securely and dynamically re-configure the UE configuration parameter stored on the USIM if the UE used the USIM for registration to the SNPN.

In this release of the specification, updates of the following USIM configuration parameters are supported:

- routing indicator.

The update of UE configuration parameters is initiated by the network using the network-initiated downlink NAS transport procedure as described in subclause 5.4.5.3. The ME acknowledgement of successful reception of the updated UE configuration parameter information is sent back to the network using the UE-initiated uplink NAS transport procedure as described in subclause 5.4.5.2.