**3GPP TSG- Meeting #**

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

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|  |
| ***Title:***  |  |
|  |  |
| ***Source to WG:*** |  |
| ***Source to TSG:*** | SA1 |
|  |  |
| ***Work item code:*** | Pirates |  | ***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 canbe 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)* |
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| ***Reason for change:*** | The FS\_Resident resulted in consolidated requirements for CPN. The Pirates WID has been agreed to add these requirements to TS22.261. This CR adds an overview section to introduce CPNs |
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| ***Summary of change:*** | Adding overview text on Customer Premises Networks |
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| ***Consequences if not approved:*** | Missing overview of CPN to give context to requirements |
|  |  |
| ***Clauses affected:*** | 6.38.2 |
|  |  |
|  | **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 is dependent on CR0535 for definitions |
|  |  |
| ***This CR's revision history:*** |  |

### 6.38.2 Overview of Customer Premises Networks

A Customer Premises Network (CPN) is a network located within a premises (e.g. a residence, office or shop). It provides local connectivity for UEs and/or non-3GPP devices. Via an evolved Residential Gateway (eRG), the CPN provides connectivity to the 5G network.

The eRG can be connected to the 5G core network via wireline, wireless, or hybrid access. The eRG is an evolution of the 5G-RG.

A Premises Radio Access Station (PRAS) is a base station installed in a CPN. Through the PRAS, UEs can get access to the CPN and/or the 5G network. The PRAS can be configured to use licensed or unlicensed or both frequency bands.

Connectivity between the eRG and the UE, non-3GPP Device, or PRAS can use any suitable non-3GPP technology (e.g. Ethernet, optical, WLAN).

A CPN is at least partially configured and managed by an authorised administrator (e.g. the home owner).