**3GPP TSG-SA3 Meeting #107-e *draft\_S3-220886r1***

**e-meeting, 16 - 20 May 2022**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **TR 33.926** | **CR** | **draftCR** | **rev** | **<Rev#>** | **Current version:** | **17.3.0** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network |  |

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| ***Title:*** | Clarifications to the 5G MnF product class | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, HiSilicon | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | SCAS\_5G\_MF | | | | |  | ***Date:*** | | | 2022-05-16 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***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)* | |
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| ***Reason for change:*** | | The proposed introduction gives the impression that the MnF network product class follows different GNP model and may create unnecessary confusion. Therefore, it is proposed to align the description as much as possible with the original GNP model and clarify the relative differences if any and only if needed. Furthermore, there is an EN capturing an open issue related to MnFs and domains. | | | | | | | | |
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| ***Summary of change:*** | | Simplified the description of the 5G MnF NP class and clarified the aspects related to different types of MnFs and domains. | | | | | | | | |
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| ***Consequences if not approved:*** | | unclarities between the 5G MnF NP class with respect to the original GNP model . | | | | | | | | |
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| ***Clauses affected:*** | | X.1.1(new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 1st CHANGES \*\*\*\*\***

## X.1.1 Introduction

The present document captures the network product class descriptions, threats and critical assets that have been identified in the course of the work on 3GPP security assurance specifications. The main body of the present document contains generic aspects that are believed to apply to more than one network product class, while this clause covers the aspects specific to the MnF network product class.

A 5G MnF NP implement 3GPP-defined functions from various releases. As specified in TS 23.533 [x], a 5G MnF may support management services such as for performance management, configuration management or fault supervision services, etc.

By comparison to the Figure 4.3-1 (GNP model), a 5G MnF NP includesfunctions defined by 3GPP, other functions, operating system and hardware. According to clause 5.3 of TS 28.533 [x], there are two types of MnFs : cross domain MnF and domain MnF. Figure XX.1.1-1 shows MnF NPs as blackbox and typical interfaces supported by the both types of NPs These MnF types differ slightly in the types of interfaces they support as explained below.

The generic interfaces supported by both MnF NP classes are interfaces for remote management, local console, towards digital portal, to central AAA, to MnF in other domain. The cross domain MnF specific interfaces are interfaces towards external consumer, towards BSS, to TN management system. The domain MnF specific interfaces are interfaces to NF in the same domain.

**\*\*\*\*\* END OF CHANGES \*\*\*\*\***