**3GPP TSG-SA3 Meeting #99e *S3-201053-r2***

**e-meeting, 11 -15 May 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **DRAFT CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **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 |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** |  | | | | | | | | | |
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| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***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:*** | | GBA related services are still specificied as reference point interfaces. The integration of GBA to 5GC requires these interfaces to be specified in SBA form. | | | | | | | | |
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| ***Summary of change:*** | | GBA service interfaces are specified as an Annex to the 33.220.  Currently the following interactions are specified with reference point interfaces:  - BSF requests the authentication vectors from the HSS for the bootstrapping procedure. Therefore similar interfaces to the HSS need to be specified.  - NAF performs an authentication request to the BSF in order to authenticate the UE for the purpose of GBA and get the derived application key, lifetime etc.  - The network functions offering these new services (HSSand BSF) need to register to the NRF so that they are discoverable by any relevant network function.  The contribution includes a skeleton for the Annex in TS 33.220 for the introduction of SBA interfaces of GBA. | | | | | | | | |
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| ***Consequences if not approved:*** | | There are no SBA interfaces for GBA in 5GC. | | | | | | | | |
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| ***Clauses affected:*** | | Annex X (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  |  | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  |  | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  |  | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**\*\*\*\*** START OF CHANGES **\*\*\*\***

# Annex X (normative): Support of SBA in GBA

## X.1 General

Editor’s Note: More details to be specified.

### X.1.0 Overview

### X.1.1 Architectural Support

### X.1.2 Reference point to support SBA in GBA

### X.1.3 Service based interface to support SBA in GBA

## X.2 GAA/GBA SBA Services

Editor’s Note: More details to be specified.

Editor’s Note: For 5G, we only have the AUSF, UDM. Who will play the role of HSS is FFS.

Editor’s Note: Whether GBA AKA is still application in 5G-GBA is FFS.

#### X.2.1 HSS ServicesX.2.1.1 General

### X.2.2 BSF Services

X.2.2.1 General

## X.X SBI Capable NF Discovery and Selection

Editor's Note: The NF and detailed contents to be specified.

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