**3GPP TSG-SA3 Meeting #114e ad-hoc *S3-240067-r2***

**Electronic meeting, online, 22 - 26 January 2024**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **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)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | SCAS\_5G\_Ph3 | | | | |  | ***Date:*** | | | 2024-01-15 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The vendor shall list the standard protocols which transfer security event logging data. The text should be changed to remove subjectivity (“standard protocols”, “secure protocol” and “secure standard protocol”). If there are protocols that are/are not permitted to be use, these should be listed. Reference to clause 4.2.3.2.4 was added. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Removes subjectivity (“standard protocols”, “secure protocol” and “secure standard protocol”). | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Unclear test specification | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.2.3.6.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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's revision history:*** | |  | | | | | | | | |

\*\*\* 1st CHANGE \*\*\*

##### 4.2.3.6.2 Log transfer to centralized storage

*Requirement Name*: Log transfer to centralized storage

*Requirement Reference:* In accordance with industry best practice

*Requirement Description*:

a) The Network Product shall support forwarding of security event logging data to an external system. Secure transport protocols in accordance with clause 4.2.3.2.4, shall be used.

b) Log functions should support secure uploading of log files to a central location or to an external system for the Network Product that is logging.

*Threat References:* TR 33.926 [4]

**Test Name**: TC\_LOG TRANS\_TO\_CENTR STORAGE

**Purpose:**

To ensure log shall be transferred to centralized storage.

**Procedure and execution steps:**

**Pre-Conditions:**

- The vendor shall list the protocols which transfer security event logging data (in accordance with clause 4.2.3.2.4).

- The session between network product and central location or external system for network product log functions has been set up.

- The tester has privilege to operate network product and related logs can be outputted.

**Execution Steps**

1. The tester configures the network product to forward event logs to an external system (according to bullet a) of requirement) and related logs are sent out.

2. The tester checks whether the used transport protocol is secure protocol (in accordance with clause 4.2.3.2.4).

3. The tester checks whether the central location or external system for network product log functions has stored the related logs.

4. The tester configures the network product for secure upload of event log files to an external system (according to bullet b) of requirement) and performs a log file upload.

5. The tester checks whether the used transport protocol for log file upload is a secure protocol (in accordance with clause 4.2.3.2.4).

6. The tester checks whether the central location or external system for network product log functions has stored the related logs.

**Expected Results:**

- The listed transport protocols are secure protocols.

- The used transport protocol for log file upload is a secure standard protocol.

- The tester finds that the central location or external system for network product log functions has stored the related logs.

**Expected format of evidence:**

A testing report provided by the testing agency which will consist of the following information:

- Settings, protocols and configurations used,

- Screenshot

- Test result (Passed or not)

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