Network Device Interpretation # 202504

FAU_STG_EXT.1 Auditable Events

Status: ☒ *Active* ☐ *Inactive*

Date: *9-Jun-2025*

End of proposed Transition Period (to be updated after TR2TD process): *1-Jan-2024*

Type of Change: ☐ Immediate application ☒ Minor change ☐ Major change

Type of Document: ☒ *Technical Decision* ☐ *Technical Recommendation*

Approved by: ☒ *Network iTC Interpretations Team* ☐ *Network iTC*

Affected Document(s): *NDcPP v3.0e, NDcPP-SD v3.0e*

Affected Section(s): *FAU_STG_EXT.1, NDcPP v3.0e sections 2.1.1.2 and 2.1.1.3*

Superseded Interpretation(s): *None*

Issue:

CPP_ND_V3.0E - Table 2 has an auditable event for FAU_STG_EXT.1 - "Configuration of local audit settings."

Application Note 2 states, "All audit events defined in Table 2 have to be included in the ST as they are mandatory."

CPP_ND_V3.0E-SD 2.1.1.2 requires that the AGD "provides an example of each auditable event required by FAU_GEN.1"
CPP_ND_V3.0E-SD 2.1.13 states that "The evaluator shall test the TOE's ability to correctly generate audit records by having the TOE generate audit records for the events listed in the table of audit events and administrative actions listed above."

These Guidance and Testing EAs above suggest that being able to configure the TOE local audit settings are a requirement. However, this is inconsistent with the FAU_STG_EXT.1 SFR Guidance EAs: CPP_ND_V3.0E-SD 2.1.3.2 "If the storage size is configurable, the evaluator shall review the Guidance Documentation to ensure it contains instructions on specifying the required parameters."

For TOEs that are not able to configure the local audit settings (i.e. storage size, behaviour when the local audit storage is full) they will never generate an audit message.

Proposed resolution:

Suggest:
Making the Auditable Event for FAU_STG_EXT.1 in table 2 selection-based. Similar to PKG_SSH_V1.0 - TD0777 as an example.

or

Including details in an application note stating that the audit requirement is only required if the local audit settings are configurable.

Resolution:

*The NIT agrees with the issue and acknowledges that not all TOEs support the ability to configure local audit settings. Application Note 3 shall be updated as follows (additions in **bold text**):*

{old}

The ST author replaces the cross-reference to the table of audit events with an appropriate cross-reference for the ST. This must also include the relevant parts of Table 4 and Table 5 for optional and selection-based SFRs included in the ST. All audit events defined in Table 2 have to be included in the ST as they are mandatory.

The date and time information for any audit event should be recorded as part of each audit record to ensure the timing of the event can be unambiguously determined from the data contained in the audit record. The representation of date and time information recorded for each event needs to allow unambiguous determination of at least day, month and year information for the date and hours, minutes and second information for the time.

{/old}

{new}

*The ST author replaces the cross-reference to the table of audit events with an appropriate cross-reference for the ST. This must also include the relevant parts of Table 4 and Table 5 for optional and selection-based SFRs included in the ST. All audit events defined in Table 2 have to be included in the ST as they are mandatory. **If the TOE does not implement functionality that enables the administrator to configure local audit settings, then item FAU_STG_EXT.1 in Table 2 shall be considered 'trivially satisfied' and the ST author shall include an explanation that the local audit is not configurable in the TSS.***

The date and time information for any audit event should be recorded as part of each audit record to ensure the timing of the event can be unambiguously determined from the data contained in the audit record. The representation of date and time information recorded for each event needs to allow

unambiguous determination of at least day, month and year information for the date and hours, minutes and second information for the time.

{/new}

Rationale:

Not all TOEs implement the ability to configure local audit settings.

Further Action:

None

Action by Network iTC:

None