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# I-0387: Auditing Of Audit Storage Failures

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TYPE: NIAP Interpretation  
NUMBER: I-0387  
STATUS: Ready to Send to Management/CCIMB

TITLE: Auditing Of Audit Storage Failures

SOURCE REFERENCE: CC v2.1 Part 2 Subclause 3.6 FAU\_STG.4  
CC v2.1 Part 2 Subclause 3.6 FAU\_STG.NIAP-0414-1

RELATED TO:  
[I-0348](#) Audit Data Loss Prevention Method May Be Site-Selectable  
[I-0414](#) Site-Configurable Prevention Of Audit Loss

## ISSUE:

If the audit storage fails due to lack of storage space for audit records, it is difficult to store an audit record in the audit trail indicating that subsequent auditable events will be ignored.

## STATEMENT

When the audit storage is full, the actions taken due to the failure only need to be recorded if conditions allow.

## SPECIFIC INTERPRETATION

To address this interpretation, the following change is made to CC v2.1, Part 2: (additions marked thusly; deletions marked ~~thusly~~)

- FAU\_STG.4 is relabeled as FAU\_STG.4-NIAP-0387. Unless otherwise noted in these changes, all normative and informative material associated with FAU\_STG.4 is incorporated unchanged into FAU\_STG.4-NIAP-0387, and all references to FAU\_STG.4 in the CC, CEM, or other Common Criteria documentation is changed to refer to FAU\_STG.4-NIAP-0387.
- Subclause 3.6, FAU\_STG.4, "Audit" is changed as follows:

Audit: FAU\_STG.4-NIAP-0387

The following actions should be auditable if FAU\_GEN Security audit data generation is included in the PP/ST:

a) Basic: Actions taken due to the audit storage failure, if conditions allow the audit to be recorded.

- FAU\_STG.NIAP-0414-1 is relabeled as FAU\_STG.NIAP-0387-1. Unless otherwise noted in these changes, all normative and informative material associated with FAU\_STG.NIAP-0414-1 is incorporated unchanged into FAU\_STG.NIAP-0387-1, and all references to FAU\_STG.NIAP-0414-1 in the CC, CEM, or other Common Criteria documentation is changed to refer to FAU\_STG.NIAP-0387-1.
- Subclause 3.6, FAU\_STG.NIAP-0414-1, "Audit", is changed as follows:

Audit: FAU\_STG.NIAP-~~0414~~0387-1

The following actions should be auditable if FAU\_GEN Security audit data generation is included in the PP/ST:

1. Basic: Actions taken due to the audit storage failure.

2. Basic: Selection of an action to be taken when there is an audit storage failure ,if conditions allow the audit to be recorded.

## **PROJECTED IMPACT:**

Negligible impact anticipated.

## **SUPPORT:**

This interpretation addresses a difficulty that exists in some cases of audit storage failure. In particular, this interpretation permits the audit record of the failure in such cases to not be recorded.

Note: This interpretation is being applied to the CC as modified by I-0414.