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# I-0387: Auditing Of Audit Storage Failures

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NUMBER: I-0387  
STATUS: Posted for External Review  
TYPE: NIAP Interpretation

TITLE: Auditing Of Audit Storage Failures  
COMMENTS DUE BY: Friday, December 1, 2000 to [IWG@gibraltar.ncsc.mil](mailto:IWG@gibraltar.ncsc.mil)

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

## ISSUE:

If the audit storage fills due to lack of storage space for audit, it is difficult to create an audit record indicating that audit was disabled.

## STATEMENT OF INTERPRETATION:

When the audit storage is full, it is not necessary to audit storage failures.

## 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-0387-1, "Audit", is changed as follows:

Audit: FAU\_STG.NIAP-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 should not be approved until after I-0414 is approved.**