
I-0423: Some Modifications To The Audit Trail Are Authorized

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TITLE: Some Modifications To The Audit Trail Are Authorized
WOULD SUPERSEDE: [I-0371](#)
COMMENTS DUE BY: Some Modifications To The Audit Trail Are Authorized
Thursday, December 7, 2000 to IWG@gibraltar.ncsc.mil

SOURCE REFERENCE: CC v2.1 Part 2 Subclause 3.6 FAU_STG
CC v2.1 Part 2 Subclause C.6 FAU_STG

RELATED TO: [I-0371](#) Some Modifications To The Audit Trail Are Authorized
[I-0370](#) Clarification Of ``Audit Records''
[I-0422](#) Clarification Of ``Audit Records''

ISSUE:

The FAU_STG family does not currently distinguish between authorized and unauthorized modifications to the audit records. The modification controls imposed appear to be related only to unauthorized modifications.

STATEMENT OF INTERPRETATION:

Only unauthorized modifications are prohibited. Modifications to audit records performed in accordance with TSF policy are permitted.

SPECIFIC INTERPRETATION:

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

- FAU_STG.1-NIAP-0422 is relabeled as FAU_STG.1-NIAP-0423. Unless otherwise noted in these changes, all normative and informative material associated with FAU_STG.1-NIAP-0422 is incorporated unchanged into FAU_STG.1-NIAP-0423, and all references to FAU_STG.1-NIAP-0422 in the CC, CEM, or other Common Criteria documentation is changed to refer to FAU_STG.1-NIAP-0423.
- In Subclause 3.6, FAU_STG.1.2-NIAP-0422 is replaced with the following:

FAU_STG.1.2-~~NIAP-0422~~ The TSF shall be able to [selection: prevent, detect] unauthorised modifications to the audit records in the audit trail.
- In Subclause 3.6, FAU_STG.2.2-NIAP-0422 is replaced with the following:

FAU_STG.2.2-~~NIAP-0422~~ The TSF shall be able to [selection: prevent, detect] unauthorised modifications to the audit records in the audit trail.

PROJECTED IMPACT:

Negligible impact anticipated.

SUPPORT:

This interpretation brings the elements into conformance with the words in the Part 2 Annex, by making it explicit that only unauthorized modifications are to be prohibited.

Note that the ability to perform authorised modifications of the audit data is a management function addressed by FMT_MTD.1; these changes would be auditable in accordance with the audit section of FMT_MTD.1.

Notes:

- In the criteria changes, International English is used for conformity with the underlying component.
- This interpretation is being applied to the CC as modified by I-0422.
- This interpretation is superseding a previously-approved formal interpretation primarily to reflect modifications to the interpretation format. The intent of the interpretation has not been changed, although some specifics of the criteria changes or the support may have been clarified or corrected.