FDE Interpretation # 202207

Status: ☒ *Active*   □ *Inactive*

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

Approved by: ☒ *FDE iTC Interpretations Team*   □ *FDE iTC*

Affected Documents: FDE AA SD v2.0 + Errata 20190201, FDE EE SD v2.0 + Errata 20190201

Affected Sections: Section 2.1.2.2.3, Section 4.1.1.5.3 (respectively)

Superseded Interpretation(s):

Issue:

In the AA SD, the Tests for FCS_CKM.4(d) refer to "selection a)" and "selection b)" but the SFR does not identify any options as "a" or "b". Plus, with the nested bullet item selections, it is not easy to determine which options are being referenced. These are most likely references to the non-volatile storage selections ("logically addresses…" and "instructs…"). Please clarify what is being referenced by the Tests.

Resolution:

Editorial changes will be made to FDE AA SD v2.0 + Errata 20190201, Section 2.1.2.2.3, lines 45 and 46 and to FDE EE SD v.20 + Errata 20190201, Section 4.1.1.5.3, lines 207 and 208, to read as:

AA: "The following tests apply **only for the selection of "logically addresses the storage location…"**, since the TOE in this instance has more visibility into what is happening within the underlying platform (e.g., a logical view of the media). For the selection of "instructs the underlying platform…", the TOE has no visibility into the inner workings and completely relies on the underlying platform, so there is no reason to test the TOE beyond test 1."

EE: "For the selection of **"logically addresses the storage location…"**, the following tests are used to determine that the TOE is able to request the platform to overwrite the key with a TOE supplied pattern."

Rationale:

The FIT acknowledges that there is a lack of clarity in what is meant by "selection a" and "selection b" in both FDE SDs. The removal of "selection a" and "selection b" and replacement with the intended selections specified in FDE AA and EE cPPs v2.0 + Errata 20190201 will be made in order to ensure that there is no room for ambiguity in the interpretation of Tests for FCS_CKM.4(d).

Further Action:

None.

Action by FDE iTC:

None.