**Unisys Review of Kantara Service Assessment Criteria for 800-63-3**

**ID:** 2019-RQ-01 ver. 2.0

**Subject:** Impasse on KBV approval for IAL2

**Date:** 2019-06-27
**To:** Kantara Assurance Review Board, Kantara Identity Assurance Working Group

**From:** Roger Quint

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**Background:**

In an effort to evaluate compliance with the NIST 800-63-3 and determining the feasibility of KBV to pass compliance for IAL2, the latest Kantara Service Assessment Criteria V3 (filename “KIAF 1430 NIST SP 800-63A Service Assessment Criteria v3.0.pdf”) does not give a pathway for success and presents an impasse.

The items that create the issue are the following:

1. Item 63A#0250 says the binding to the evidence must be Strong.
2. Table 5-3 only accepts level Strong. For KBV authenticators in Unsupervised (Remote) proofing, item 63A-T5-3#strg does not give any room for success.
3. The NIST 800-63A specifications points to Section 5.3.2 to address KBV for IAL2. The heading specifically says:

“The following requirements apply to the identity verification steps for IAL2…”

1. The Kantara Service Assessment Criteria V3 does not carry the requirements of Section 5.3.2 allocated for KBV compliance. Those items are marked “n/a”.

**Recommendation for Kantara:**

Based on the need to leverage KBV to augment the approved identity elements, criteria which address Section 5.3.2 should be included in the Kantara SP 800-63A Service Assessment Criteria.

**Request to NIST**:

Please review the above and provide the community with a formal response against which application of SP 800-63 rev.3 can be confidently effected, e.g.in the form of an erratum to the necessary clauses of the suite as a whole.