

[REDACTED]

From: 'Andreas Kremser' via DIG-Comments <DIG-Comments@list.nist.gov>
Sent: Wednesday, September 18, 2024 12:38 PM
To: dig-comments@nist.gov
Subject: [dig-comments] SP800-63B public comments

Hello,

We are currently working through the proposed SP800-63 standards series and have noticed a view points that may use some more clarification:

- Please clarify how authentication intent may be demonstrated in machine 2 machine communication
- The mapping between FIPS140-3 levels and authentication assurance levels is unclear. For a given AAL it is clear what FIPS certification is required, but the reverse is not true. E.g. Which AAL should a FIPS140-3 level 4 device require? SP800-140E only restricts the authenticators and refers to SP800-63B as "framework" without recommending any AAL. E.g. This does not rule out the possibility to have a FIPS 140-3 L4 device only supporting AAL1 (or even weaker) authentication with MFA.

Thank you and best regards,
Andreas Kremser

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