IDS Conference Call Minutes
March 4, 2021

This IDS Conference Call was stated at approximately 3:00 pm ET on March 4, 2021.

Attendees

Matt Glockner	Lexmark
Erin Huber	Xerox
Smith Kennedy	HP
Ira McDonald	High North
Alan Sukert	
Brian Volkoff	Ricoh
Bill Wagner	TIC
Steve Young	Canon

Agenda Items

- The topics to be covered during this Conference Call were:

  - Review of the discussions at 2/22/21 and 3/1/21 HCD iTC Meetings and the special 2/25/21 HCD iTC Meeting

  - Round Table Discussion

- Meeting began by stating the PWG Anti-Trust Policy which can be found at https://www.pwg.org/chair/membership_docs/pwg-antitrust- policy.pdf and the PWH Intellectual Property Policy which can be found at https://www.pwg.org/chair/membership_docs/pwg-ip-policy.pdf.

- Al reviewed what was discussed at the 2/22/21 2/22/21 and 3/1/21 Hardcopy Device international Technical Community (HCD iTC) Meetings and the special 2/25/21 HCD iTC Meeting. The 2/22/21 and 2/25/21 meetings were continuation of the discussions on Ricoh proposal to "not require encryption keys be encrypted on non-field replaceable nonvolatile storage as long as the device has some type of purge function" that the HCD iTC has been struggling with for several weeks.

  The 2/22/21 meeting reviewed the direction received from ITSCC (the Korean Scheme) at the 2/15/21 meeting concerning the "encrypt all non-volatile storage" requirement in the Essential Security Requirements (ESR) document. Basically, ITSCC's position is tat they will listen to any changes in other portions of the ESR such as use cases but not in the actual essential security requirements themselves.

  The rest of the 2/22/21 meeting was a discussion of the results of the vote on whether to submit a proposal to the ITSCC to propose a change to the ESR to accommodate the "Ricoh Proposal". The vote was:

  - 10 Votes 'Yes' (to submit a proposal)

  - 9 Votes 'No' (to not submit a proposal)

  - 1 Vote invalid (for being submitted after the time limit expired)

  Even though the Termes of Reference stated that it required a 2/3 majority to pass, Kwangwoo Lee indicated in his message announcing the vote that this would only require a simple majority to pass, so via this vote the HCD iTC agreed to submit a proposal to the ITSCC.

  The next step was what should be in the proposal. Kwangwoo Lee called a special meeting on 2/25/21 of all the entities that had voted 'Yes' plus the Editors and some select others to determine what should be in this proposal.

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Al then went through the minutes from this meeting which can be found at
https://ftp.pwg.org/pub/pwg/ids/minutes/2021-02-25 HCDiTC Temporary Meeting Minutes.pdf..
The key points that came out of this meeting were:

- ITSCC's main concern is that when an HCD is taken out of its operational environment both field replaceable and non-field replaceable non-volatile storage are equally vulnerable and thus must be equally protected.

- Even after all that had been said before, it wasn't until this meeting that the ITSCC's position became clearly understood – they will not accept any change to the "encrypt all non-volatile storage" requirement and vendors are just going to have to find a way to implement it.

- JBMIA (the Japanese Business Manufacturer's vendor association) was given the action to propose changes to the non-essential security requirements portions of the ESR to address the scenario when the HCD is taken out of its operational environment. These proposed changes will be discussed at the next HCD iTC Meeting on 3/8/21/.

At the 3/1/21 meeting the following were discussed:

- A subgroup has been formed to address the requirements for "hardware anchored integrity" led by Jerry Colunga of HP. The first meeting will be 9AM ET on March 9th. We'll probably lean heavily on the work of the Dedicated Security Components (DSC) iTC and the DSC cPP/SD.

- The Network Subgroup has completed all of its work. It has gone through all the secure protocol SFRs to sync with the ND cPP (including DTLS) and have proposed addition to the HCD cPP v1.0 of SFRs for X509 certificate validation/authentication, NTP and Cryptographic Key Establishment.

- Al and Kwangwoo Lee are going to meet off-line to discuss how the HCD cPP will address the issue of internationalization to ensure that the HCD cPP does not "contain requirements that have dependency on national conformity assessment schemes for crypto".

- We briefly discussed the results of the 2/25/21 special meeting.

- It was decided to wait on review of the Security Problem Definition (SPD) until any changes that might be necessary due to proposed ESR changes from JBMIA are discussed with the full HCD iTC.

- We went through the proposed HCD iTC schedule Al put together a couple of weeks ago. The key milestones in the proposed schedule are:
    - 3rd Internal Draft (cPP/SD) Available for Review: 4/19/21
    - 1st Public Draft (cPP/SD) Available for Review: 6/14/21
    - 2nd Public Draft (cPP/SD) Available for Review: 9/20/21
    - Final Draft (cPP/SD) Available for Review: 12/6/21
    - Final Documents (cPP/SD) Published: 2/14/22

Al indicated we are now maybe a couple of weeks behind. However, the consensus was that this schedule for now was reasonable enough and roughly right that it was OK'd, so it is now our approved schedule that we will be measured against.

- Round Table:

- Ira mentioned that DTLS v1.3 will be reviewed via telecom by the IESG in three weeks, which means it will probably be publish by June 2021.

- IETF 110 Online will be Mar 8-12, 2021 from 7A – 1P ET each day. See
https://www.ietf.org/how/meetings/110/

- **Actions:** None

Next Steps

- The next IDS Conference Call will be March 18, 2021 at 3:00P ET / 12:00N PT. Main topic will be a discussion with the Mass DOT on their interest in obtaining help from the IDS WG and a discussion by Paul Tykodi on 3-D related topics of interest to IDS members.