

IDS Conference Call Minutes October 29, 2020

This IDS Conference Call was stated at approximately 3:00 pm ET on October 29, 2020.

Attendees

Gerardo Colunga	HP
Erin Huber	Xerox
Smith Kennedy	HP
Ira McDonald	High North
Alan Sukert	
Bill Wagner	TIC
Steve Young	Canon

Agenda Items

- The topics to be covered during this Conference Call were:
 - Review of the discussions at the HCD iTC Meetings since that last IDS Conference Call on Oct 15th.
 - Status of the HCD Security Guidelines
 - Preparation for the upcoming IDS Virtual Face-to-Face Meeting (F2F) on Nov 4th
 - Round Table Discussion
- AI reviewed what was discussed at the Hardcopy Device (HCD) international Technical Committee (iTC) meetings since our last IDS Conference Call on October 15th. The key points discussed at the meeting were:
 - The main topic covered since the last IDS Conference Call was review of the 28 comments against the first draft of the HCD Supporting Documents (SD) for v1.0. To date the HCD iTC had addressed 24 of the 28 comments and hopes to address the final four comments at its next meeting on Monday night November 2nd. Jerry, who is responsible for the HCD SD, felt that the next draft of the HCD SD should get a lot more than the 28 comments the first draft received. It should be noted that the first draft of the HCD cPP for v1.0 had 68 comments against it.
 - Ira provided a high-level summary of the HCDC iTC Network Steering Group (SG) he is leading. The main points that Ira mentioned were that:
 - The SG plans to use the Network Device (ND) cPP and SD as the basis for the SFRs and Assurance Activities that will be recommended for inclusion in HCD cPP/SD v1.0. However, we have to recognize that an HCD is different from other network products like routers because HCDs do have server connections. So, the SG will have to look at the SFRs and Assurance Activities for the Secure Protocols carefully to make sure they are applicable for an HCD. We don't want to be in the situation the HCD TC was when developing the HCD PP where NIAP forced the TC to just "cut and paste" SFRs as is from the ND cPP and FDE cPPs into the HCD PP without any consideration as to whether they were applicable.
 - The SG will probably also include the mutual authentication requirements for TLS, although it is not clear whether any of the vendors currently implement mutual authentication for TLS.
 - Regarding the question of DTLS, Ira surveyed several vendors about whether they wanted DTLS. So far some have said no, while others have said that would be OK as long as it is made a selection. However, in no case did any vendor want to include DTLS for TLS 1.3.

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- Ira noted that Lachlan Turner of Lightship Securities had strongly supported using the ND cPP Secure Protocols. Lachlan mentioned that there were also several NIAP Technical Decisions against ND cPP v2.2e that we would have to be aware of. He also said that for the ESM PP NIAP had issued a Technical Decision forcing the ESM PP to include the NIAP TLS Package and a SSH Package that we think was the CCUG Crypto WG SSH Package; Lachlan warned NIAP might force the current approved HCD PP to do the same thing. Finally, Lachlan suggested that the HCD cPP/SD v1.0 also incorporate the following other SFRs from the ND cPP:

- FCS_COP.1/DataEncryption
- FCS_CKM.1
- FCS_COP.1/SigGen
- FSC_COP.1/Hash
- FSC_COP.1/KeyedHash
- FCS_RBG_EXT.1
- FIA_X509_EXT.1/Rev X.509 Certificate Validation
- FIA_X509_EXT.2 X.509 Certificate Authentication
- FIA_X509_EXT.3 X.509 Certificate Requests

Lachlan's implication was that we would be in a much better position to get NIAP approval for the HCD cPP/SD if we did use the Secure Protocol SFRs from the ND cPP.

- Ira then gave a brief update on the status of the HCD Security Guidelines. He plans to give a more complete status at next week's IDS F2F but he did indicate that he might have a small update to the guidelines at next week's IDS F2F to view but not to review.
- Al then gave a look at the planned agenda for next week's IDS F2F Meeting. Besides reviewing the HCD ITC Status and Ira's HCD Secure Guidelines status update, Al will present the presentation he and Paul Tykodi gave to the INCITS Digital Manufacturing Technical Committee on October 20th on "**Common Criteria and How It Could Be Applied to 3D Printing**". The talk shows how the work that went into developing the HCD PP might be applied to develop a similar PP for Additive Manufacturing and 3D printers.
- Round Table:
 - Some upcoming events are as follows:
 - Nov 11-12: CCUP Virtual Workshop
 - Nov 16-18: International Common Criteria Conference

Actions: None

Next Steps

- The next IDS Working Group Virtual Face-to-Face is scheduled for November 4, 2020 at 10:00AM EST / 7:00AM PST
- The next IDS Conference Call is tentatively scheduled for November 12, 2020 at 3:00P ET / 12:00N PT depending on the schedule for the CCUF Workshop on November 12th. Otherwise, because of Thanksgiving the next IDS Conference Call, and the last one for 2020, would be scheduled for December 12, 2020 at 3:00P ET / 12:00N PT.