

IEEE PSCC S4 WG: Standard P1711.2 Secure SCADA Communications Protocol

Chair: Mark Hadley

Output: Standard

Established:

Par Deadline: Dec 2017

Summary Minutes for Subcommittee Report

Minutes of May 8, 2017 Working Group S4 meeting

The meeting was held in conjunction with the S2 Working Group meeting and was well attended.

The most recent draft of the 1711.2 standard was reviewed. We discussed all of the comments in the document and identified several changes.

- 1) The Scope statement in the standard will be modified to match the scope statement in the PAR.
- 2) The Purpose section will be deleted and sent to Dave Whitehead to include in 1711.
- 3) The "trial use standard" text will be deleted.
- 4) The version number used in the SSCP header, Section 5.1, was discussed. The version number will be set to 1, and a Note will be used to discuss pre-1711.2 SSCP uses of that field.
- 5) The Diffie-Hellman Key Material Creation text in Section 4.5.1 will be modified to include NIST-recommended best-practices.
- 6) All NIST references will be reviewed (e.g. AP800-107, SP800-108, SP800-38A) for applicability.

A discussion on the use of an e-mail ballot was held. Given the goal to have the standard complete by the end of December, an e-mail ballot will be used to approve the draft for the MEC and sponsor ballot. The wording in the WG e-mail ballot will also include approval of all non-substantive editorial changes made by the MEC.

The Sponsor Ballot pool groups (ComSoc Standards Development Committee, PSRC, PSCC, and Computer Society committee with cyber security in its name) were identified. A 30-day review will be stated in the request. Working with Erin, a review to other interested IEEE reviewers will also be made.

Lastly, PNNL will provide the updated text to the WG for the e-mail ballot by May 19th, 2017.

Request for Sept 2017 S4 plans to meet with S2 in a single session for 20 people and a computer projector.