

UtiliSEC WG & AMI-SEC Task Force Teleconference

Meeting Minutes

Thursday, May 7, 2009

Daren Highfill, Chair

Matt Carpenter, Vice-chair

Bobby Brown, Secretary

Andrew Wright/n-Dimension	Dave Dalva/Cisco Ed Goff/PGN	John Wood/SWRI Julie Brown/Entergy	Sandy Bacik/Sensus Steven Dougherty/Deloitte
Baiba Grazdina/Duke Energy	Frances Cleveland/Xanthus	Lindani Phiri/Elster Mark Freund/PG&E	Thomas Kropp/Nexant
Bobby Miller/Viasat	George Cosio/FPL	Mark Legleiter/Westar Energy	Tim Dronzinski/FPL
Brian McKay/Xcel Energy	Howard Lipson/SEI-CERT	Matt Thompson/GE	Viola Lee/PG&E
Brian Smith/EnerNex	James Pace/Silver Spring	Peter Haynes/Capgemini	Yacine Dalichaouch/Viasat
Carl LaPlace/Elster	James Blaisdell/Mocana	Paul Vettoretti/SBC	
Chris Kardos/Ecologic	John Lilley/SDG&E	Global	

Summary

Presentation and discussion was broken down into three sections: Administrative, Organizational and Technical. The *Administrative* portion discussed changes in procedure to assist moving through material and the vice-chair and secretary positions. The *Organizational* section of the meeting discussed updates to the ASAP-SG project and alignment with the NIST Smart Grid Security efforts. The *Technical* discussion reviewed the current draft of the AMI Security Profile and AMI-SEC Implementation Guide approach.

Documents

Meeting minutes, slide presentation, Draft AMI Security Profile and Implementation Guide approach are hosted on UtiliSec and AMI-SEC SharePoint sites under Meeting Minutes and Web presentation slides.

Administrative Discussion

The Chair opened the administrative with a brief overview of the organizational structure of UCA International Users Group including Open Smart Grid (OpenSG) Committee and UtiliSec. UtiliSec is focused on developing technology-agnostic requirements for securing smart grid applications and coordinating with other OpenSG activities.

Procedures

For future meetings, the chair discussed skipping the organizational structure discussion in lieu of using the hour allotted for the teleconference more efficiently and effectively.

Outreach/Engagements – External

The Chair asked for volunteers to finalize the AMI-SEC roadmap document to a 1.0 version. Sandy Bacik of Sensus volunteered to complete the effort. Darren, Chair, also noted that he was working on a one-page version of the roadmap for marketing the goals and work being done within UtiliSec/AMI-SEC.

The Chair discussed that the NARUC teleconference briefing discussing UtiliSec/AMI-SEC activities was well received. A presentation at the Seattle meeting is expected.

There is close coordination of UtiliSec/AMI-SEC and ASAP SG with the NIST Interim Roadmap activities. Many of the members in UtiliSec and related groups are assisting on the NIST efforts. NIST is having a workshop open to the public held May 19th and 20th at the Gaylord hotel in D.C. All are encouraged to attend.

OpenSG Internal Communication

The Chair asked for volunteers in helping establish communications between OpenSG groups. Viola Lee volunteered to coordinate the adoption of the communications procedure.

Vice-chair and Secretary Positions

The Chair announced that Matt Carpenter of InGuardians has been selected as Vice-chair; and Bobby Brown of EnerNex has been selected as Secretary for UtiliSec Working Group. These persons have been presented to the OpenSG Committee for final approval.

Organizational Discussion

ASAP-SG Updates

The Chair presented the working migrating from ASAP in 2008 to ASAP SG 2009. Currently a Smart Grid Specification and an AMI Security profile are in development. Applications will be selected moving forward on priority. It is anticipated that Network architecture may be the next Smart Grid application chosen. The ASAP SG process seeks to improve the availability to us and approach the AMI-SEC work developed in 2008, in addition to easing understanding and implementation.

There are four deliverables for ASAP SG: 1) White Paper, 2) Smart Grid Security Specification, 3) AMI Risk Analysis and Security Profile and 4) Usability Analysis. This work will align with the NIST Smart Grid work and help support the NIST activities. Resources allocated for this project include an architectural team, administrative support, utility domain experts and vendor domain experts.

Technical Discussion

Draft AMI Security Profile

Bobby Brown presented the current draft of the AMI Security Profile. Participants were asked to make comments and suggestion. The draft is at a very early stage, but the approach and methodology were asked to be considered. Comments were positive considering the methodology and approach. Members were asked to submit comments through the UtiliSec technical ListServ.

Draft AMI-SEC Implementation Example

James Ivers presented the approach for developing an example that will weave through the AMI-SEC Implementation Guide. SEI has selected the On-demand Meter Read use case as the example for showing how to use the documentation.

Action Items

- Sandy Bacik – volunteered to work on finalizing AMI-SEC Roadmap document
- Darren Highfill – One page version of the UtiliSec/AMI-SEC Roadmap
- Viola Lee – to coordinate internal communications procedure between UtiliSec/AMI-SEC and other OpenSG groups

Upcoming Meetings

Teleconferences

- Thursday, May 28 at 2:00pm EDT
- Thursday, June 18 at 2:00pm EDT
- Thursday, July 2* (two week span) at 2:00pm EDT

Face-to-Face:

- July 14th-16th hosted by AEP in Columbus, OH
- October 20th-22nd hosted by EnerNex in Knoxville, TN
- January 5-7, 2010 hosted by FPL in Miami, FL