

# SG Security Webinar

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*Monday, June 6<sup>th</sup> – 3-4pm EDT*

Chair: Darren Highfill  
Vice-Chair: Bobby Brown  
Secretary: Nick Gerbino

## Agenda

1. Review Agenda / Call for Items of Business – Accepted/None
2. **Next Meeting: Monday, June 20, 2011, 3 PM – 4 PM**
3. Old Business
  - a. Subgroup updates
    - i. ASAP-SG
      1. Current activities
        - a. Blueprint update
        - b. How a utility uses a Security Profile
      2. Funding / additional profiles
        - a. Requesting more partners to join so work can continue
        - b. Work will end if more funding is not provided
        - c. DOE matches dollar for dollar funding provided by private industry  
Allen from Texas: IS there a prospectus?  
Bobby: Yes. Enernex will be releasing a press release on the WAMPAC SP
    - ii. CyberSec-Interop Task Force
      1. Conducted the first Lemnos "Plugfest" at EPRI in Knoxville last week. Vendors participating included Schweitzer Engineering Labs, n-Dimension, Cisco, Encore Networks, along with equipment from Ruggedcom and Garrettcom.
      2. The initial Plugfest was to prepare for an Lemnos demo at EPRI to electric utility owners in August.
      3. Updated the IPsec ICP (Interoperable Configuration Profile).
    - iii. Usability Analysis Task Force
      1. DM Security Profile – round 2

Activity	Start	Finish	Status
SG Sec WG comment period Comments from: Xanthus, FPL, APS, AEP, SAIC	5/16/2011	5/30/2011	Done
UA TF comment resolution	6/6/2011	7/11/2011	In progress
UA TF Present General Comments to SG Sec WG	6/20/2011	6/20/2011	
SG Sec WG review period	7/11/2011	7/17/2011	

SG Sec WG voting period	7/18/2011	7/24/2011	
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## 2. WAMPAC Security Profile

Activity	Start	Finish	Status
SG Sec WG comment period	5/16/2011	6/20/2011	In progress
UA TF analysis period	5/16/2011	6/20/2011	In progress
UA TF comment resolution	6/20/2011	7/25/2011	
UA TF Present General Comments to SG Sec WG	7/25/2011	7/25/2011	
SG Sec WG review period	7/25/2011	8/1/2011	
SG Sec WG voting period	8/1/2011	8/8/2011	

Rich Tolway: General statements were provided - how should they be handled?

John Lilley : indicate is it General or Overall in the spreadsheet as a single row.

Question is if these types of comments are actionable or not within the timeframe of the comment resolution period

Darren Highfill: TF not charge with rewrite of the document which may be the case of General comments. If the General comments can be linked to other specific comments received, it is then actionable. If the General comments are not linked to other specific comments, these comments should spur discussion prior to voting.

Darren Highfill: Add another step to the process. Present the General comments that are not actionable to the Open SG Security Working Group's next meeting.

John Lilley: Agreed. Can be done for the DMS SP for the next meeting, 6/20/2011

Tables above have been updated accordingly.

- iv. Embedded Systems Security Task Force
  - 1. Need a new general meeting to level-set subgroups
  - 2. Consider aggregating some groups to avoid splintering
  - 3. All were in agreement and that the TF Leadership needs to address items 1 and 2
- b. Ad-hoc tasks
  - i. OpenADR support
    - 1. Drawing new mappings
      - a. Virtual Top Node → Third Party
      - b. Virtual End Node → Custodian
    - 2. New mapping text
    - 3. Restructure the document after this exercise and reexamine the failure analysis to make sure use cases are still valid
    - 4. Distribute for review after revisions
  - ii. SG Network support (C-I-A rankings) – No new updates
- 4. External Engagements, Business, & Issues
  - a. NIST CSWG & PAPs
    - i. AMI Security Subgroup

1. New Co-Chair: Doug McGinnis
  2. Progress is being made on use cases
- ii. PAP10, PAP18, others?
    1. PAP10 meeting occurring concurrently
      - a. Discussing standardization of the energy service provider interface
    2. PAP18
      - a. WAMPAC Security Profile has been handed off to PAP18 as well as NAESB and NIST CWSG
- b. NERC CIP SDT
    - i. Brightline criteria introduced to define CCAs
    - ii. Upcoming meeting in the next few weeks
- c. IEC TC 57 WG 15
    - i. 62351 has new part 9 in development on key management
      1. Converging crypto and key management techniques to be consolidated under a single part
      2. Draft not completed yet
      3. Attempting to establish the Liaison D Relationship to get the working draft
    - ii. 62351 Part 5 key exchange mechanisms under review.
      1. Current mechanisms are essentially a modified version of ISO/IEC 11770-2, which in turn approximates Kerberos.
      2. Core members of WG15 have recently become concerned about translations and modifications made and are reviewing the protocol specification, which is also used by DNP3.
      3. Analysis happening in Design Principles Group within CSWG.”
- d. ICSJWG Solutions Technology Subgroup
    - i. Vulnerability handling and Disclosure Process –
      1. Resources committed to developing a document to put forth best practices for these items. But there has not been progress, however, it remains an action item.
      2. Issues with other meetings running concurrently with ICSJWG meeting.
      3. Monitor and if no progress, then Open SG WG may consider taking this work on.

Mike Ahmadi - EnegerySec working on this issue?  
Darren Highfill - May need follow-up to be addressed  
Mike Ahmadi - to post a message out to Utilisec-Tech and EngerySec
- e. NERC Cyber Attack Task Force – Tabled for next meeting

f. DOE-NIST-NERC collaboration: Risk Management Framework – Tabled for next meeting

5. New Business - None

6. AOB - None

7. Roll Call

Haynes,David	Aclara
Greenfield,Neil	AEP
Tolway,Rich	Arizona Public Service
Gerbino,Nick	Dominion
Ellison,Mark	DTE Energy
McCullough,Jeff	Elster
Forseth,Greg	Elster
Phiri,Lindani	Elster
Smith,Brian	EnerNex
Bacik,Sandy	EnerNex
Brown, Bobby	EnerNex
McGinnis,Doug	Exelon
Gassko,Irene	FPL
Ahmadi,Mike	GraniteKey LLC
Hedges,Ed	KCPL
Lawrence,Bill	Lockheed Martin
Fabro,Mark	Lofty Perch
Muston,Bill	Oncor
Lee,Viola	Pacific Gas & Electric
freund,mark	Pacific Gas & Electric company
Rivaldo,Alan	Public Utility Commission of Texas
Khera,Rohit	S & C Electric
Sorebo,Gib	SAIC
Highfill,Darren	SCE
Lilley,John	SDG&E, a Sempra Energy utility
Mackiewicz,Ralph	SISCO, Inc.
Pyles,Ward	Southern Co
Mollerstuen,David	Tendril
woods,craig	ViaSat
woods,craig	ViaSat
Bartell,Bruce	Xtensible Solutions