SG-Network TF Conf Call Notes - DRAFT

Date/Time: 13Dec2010, 2-3pm eastern
Participants:

Matt Gillmore (chair)	John Buffington
Ron Cunningham (vice-chair)	Jorjeta Jetcheva
Bill Godwin	Michael Northern
Bruce Kraemer	Mohammad Shakouri
Doug Gray	Rich Tolway
Gary Stuebing	Vincent Bemmel
Geoff Mulligan -audio	

Note: others may have been on the call, but the note taker did not catch names.

Agenda Items / Major Discussions:

Conf Call Roll Call – Matt discussed that one of the tasks the task force leadership is to do is maintain a roll call list of whom calls-in to the conference calls. Currently, the conference call notes only tracks those whom logon to GoToMeeting. Matt explained that the roll call history is used by OpenSG leadership to determine whom (as full members) would be legible (including additional conditions) for voting rights. Don Sturek sent an email 12Dec2010 of drafts of attendee information to SG Network TF conf calls and recent face-to-face meetings.

It was agreed:
- Matt and Ron would provide an accounting (based on conference call notes), whom at least participated via GoToMeeting for 2010 as an update to Don's draft, and starting with this conf call, would attempt to identify and track all whom were audio only on the conf calls e,g, a roll call.

Payload C-I-A Rationale – Matt introduced the completed draft of documenting the rationale for payload C-I-A risk values based on the style introduced last conference call. Another work session with CSWG is scheduled for Tuesday afternoon 14Dec2010. Ron summarized the updates to the previous version:
- included additional tab provided by Sandy Bacik (CSWG) with further clarification of NISTIR 7628 LIC descriptions and clarifications along with the LIC C-I-A values
- flagged specific columns recommended as those that SG Network would carry forward in it's documentation
- updates/corrections to previous payload descriptions and attribute values
- flagging a few payload C-I-A risk values that appear not to be supported by the rationale

It was agreed:
- the columns to be carried forward would include payload: name, type, description, attributes, CSWG and SG Network agreed LICs associated to a payload, SG Network's C-I-A risk values based ONLY on the application payload description/attributes, C-I-A risk value rationale. The working draft will all the other information columns would be retained in the archive.
- Matt and Ron would work through resolution of the apparent mismatch between C-I-A values and the new rationale statements

- the resultant rework of the document would be distributed for SG Network review and finalization

PAP 1 – Matt indicated that PAP 1 work activities have terminated. A follow-on work effort "IP Standards Working Group" a new SGIP working group lead by Matt Gillmore and Paul Molitor is being spun up to address e.g. more of the network management system standards. Info on this new working group is located at:
http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/IPStandardsWG#Abstract

PAP 2 – Matt indicated that PAP 2 is working to finalize and deliver the guidelines (revised scope) and spin down the PAP within the next couple of weeks. Bruce Kraemer indicated that his understanding is that there are 2 portions of the guideline that are in question e.g. the technology matrix and to a lessor degree some additional modeling needs. How those areas get either footnoted (or not) in the rev 1.0 of the guidelines is still being determined. It was noted that if industry wanted to have work continued (with NIST participation) to address additional work (updates/revisions) to the 1.0 guidelines, industry must make that formal request.
<u>Discussed:</u>
- potential alternatives to addressing the original objectives of PAP 2 and how that might be accomplished.
<u>It was agreed:</u>
- Matt and Bruce would work up a draft letter of request to continue work on addressing the PAP 2 guideline areas of e.g. technology matrix, additional modeling, fulfilling original objective of PAP 2 specific to guidance as to where and under what conditions wireless technology/standards had an appropriate role in smart grid.

To-Do's (description, lead person, current state)
1. **System Requirements Specifications –** normalize to other OpenSG SRS documents in style, target audience, and adding new use case content:
    - Comment/feedback template - Matt will send notification out to several groups to start using the template after performing some additional vetting of the process and template to a few testers.
    - core SRS editors/reviewers (Matt Gillmore, George Cosio, Klaus Bender, John Buffington, Ron Cunningham, Vincent Bemmel) – Need to continue to provide content especially for section 3
    - Actor Normalization (Andy Bordine) - sub-group to provide recommendations with primary focus on distribution actors with intent of establishing or reusing a good categorization of especially DA actors, but decompose a category only as needed to clarify documentation of use case business functional and volumetric requirements. Andy to work with Ron on the objectives and deliverables of this effort. Consider collaborating with Doug Houseman.
2. **SG-Network Deliverable(s) Release 5/6 potential use cases –** the next priority set of use cases requirements draft potentials (see below for partial list).
    - Updated use case and targeted release table – continue to review and comment on release 4.1 draft6, and continue to complete the remaining documentation for the next release.
    - Scan Previous use case requirements for consistent inclusion of error and other

management payloads and prepare needed payload requirement sets (Mike Corbett) Additional payloads have been drafted for the Premise Network Admin use case. Other use cases are being investigated.

- HAN (plus those for PLC technology consideration) – Matt Gillmore and Don Sturek to reach out to ASHRAE(?) and SAE(?) for their current use case documentation for incorporating into functional/volumetrics requirements deliverables. Dealing with document terms of use and access points.
- DA, divided into sub use cases:
  - Additional comm-paths added to already documented sub-use cases (Ron Cunningham) target for release 4.1
  - DA Maint, DSDR, Volt / Var – Distributed (Bill Godwin, Andy Bordine, Ron Cunningham) targeted for release 5.0
- Outage Mgmt (Matt Gillmore) add payloads for ultimate consuming actors of outage information targeted for release 4.1
- PHEV (Ron Cunningham & Vincent Bemmel) add "follow the money" payloads and others as extracted from SAE, targeted for release 4.1.
- PrePay (Ron Cunningham) add "follow the money" & SMS text & email payloads targeted for release 4.1
- Pricing – TOU, RTP, CPP (Vincent Bemmel & Ron Cunningham) – add in the pricing payloads, targeted for release 5.0
- Configuration Mgmt (Kory Fifield) targeted for release tbd. Matt to follow-up on this.
- Security key exchange – The reference diagram was updated for an additional actor "Security Key Mgr" with additional interfaces. Need to add payload, Matt will send inquiry out to group on what the appropriate "How Often" should be, targeted for release tbd
- Payload Implications, LIC, CIA vetting – continue to document the implications and work with the network-security sub team to vet payload LICs and C-I-A values based on the application payloads

3. **Functional/Volumetrics database (Jerry Armes, Klaus Bender, Kelly Flowers, Matt Gillmore, David Gosch, Ron Cunningham) –** working on comm-path and multi-actor parsing routine, network traffic hourly view, comm-path election, user profile and variable/scaling parameter presentment, updating the documentation, factoring in the input loading and queries because of the payload data fields being in a separate table.
4. **Analysis of 1800 MHz band for Smart Grid –** Need to schedule up a focus group working session to further link the utility business requirements and deployment topologies issues to a specific amount of xMHz spectrum from available spectrum bands.
5. **SG-Network Website Cleanup & Archiving –** Matt , Ron, to perform some website content and folder cleanup to make it easier to locate and find content.
6. **Deliverables Q/A Process and Format –** Implementation of Q&A process on hold pending completion of other higher priority tasks.

Next Working Session / Conf Call(s):
Monday 10 Jan2011 2-3pm eastern. 1st for 2011

URL https://www2.gotomeeting.com/join/**738908066**

Use microphone and speakers (if using VoIP) - a USB microphone/headset is recommended.

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