SG-Network TF Conf Call Notes - DRAFT

Date/Time: 29Nov2010 & 06Dec2010, 2-3pm eastern
Participants: 29Nov2010

Matt Gillmore (chair)	Jorjeta Jetcheva
Ron Cunningham (vice-chair)	Kuor Hsin Chang
Andy Bordine	Mark Van Wyhe
Jerry Armes	Michael Northern
John Buffington	Vincent Bemmel

06Dec2010

Matt Gillmore (chair)	Jerry Armes
Ron Cunningham (vice-chair)	John Buffington
Cheong Siew	Jorjeta Jetcheva
David Gosch	Vincent Bemmel
Doug Gray	

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

Agenda Items / Major Discussions:

Payload Implications (29Nov & 06Dec2010 agenda item) – Ron described an alternative approach (Ron's email 29Nov2010), as to how the payload C-I-A rationale (aka implications content) might be restructured to put more detail and explanation to the C-I-A risk values that SG Network assigned based on the application payload. Matt facilitated work the group through a split of the Implications column into potentially 12 discreet columns with the intent of being able to use yes/no responses or at least selections from repeating text phrases to document the rationale. After considerable discussion it was noted that to do the job well, would probably require this further level of assessment and include the f"failure mode" assessment along with impact of scale. Unfortunately, the consensus was this would significantly divert SG Network TF from what had already been accomplished and keep it from finishing it's primary deliverables.

It was agreed to:
- Matt and Ron would discuss/determine alternatives to documenting the C-I-A rationale.

Matt and Ron walked through a modified approach to documenting the SG Network C-I-A risk value rationale that was introduced to the 2nd working session that with CSWG Thursday 02Dec2010. Ron drafted up 19 payloads C-I-A Rationale based on that technique and it was described during the conference call. Matt wondered whether the process could be scripted/programmed to reduce the effort. Ron was not confident of success as the rationale's text was heavily dependent upon the payload description, payload attributes, and use case which a payload by payload determination versus simply taking the C-I-A value, the description, payload attributes, use case and turning that into a reliable script.

It was agreed to:
- Matt and Ron will continue to document up the C-I-A rationale but would

welcome others stepping forward to complete the documentation for the remaining 150+ payloads

- Matt indicated he would hack on some scripts to see if this could be semi-automated using some identifiable patterns. Ron will add in the use case reference into the template
- The old "Implications" column would be replaced by the C-I-A Rationale column/content, AND a separate table would be included in the Requirements Table spreadsheet for the payload's name, description, attributes, LIC, C-I-A values, C-I-A Rationale AND those columns would be removed from the main requirements table tab. This will require an update to the Requirements Database to accommodate, but is expected to simplify some of the reporting and data entry needs.

ToDos / Punch List (06Dec2010 agenda item) – Matt walked though the high priority items seeking status e.g. Requirements Table, SRS, Requirements Database, Security. Ron stated he thought we ought to be able to get the 4.1 release out by end of Jan2011.

It was agreed to:
Requirements Table –

- Ron would get back to work on it after getting the Payload C-I-A rationale process and some additional content well underway.
- Matt would work on getting Pricing, Security key exchange (including adding another actor [key manager] to the reference diagram, and further decomposition of payloads down to the specific HAN device documented up.
- Matt would send out inquiry to group and security concerning frequency for updating encryption/signing keys (AMI versus versus HAN?)

Requirements Database –

- Jerry indicated he is working on updating the documentation specific to the ACCESS 2000/2003 usage with a few notes on issues to getting that partially functioning in 2007. This includes indicating that there are significant differences in the ActiveX implementations between ACCESS 2000/2003 and the latter 2007/2010 that is not expected to be addressed in the official final release by SG Network TF.
- Jerry also indicated that the parsing routines to handle the increased complexity of the parent row data flow reference pseudo code was forcing a complete rewrite to make the routines easier to accommodate potential future changes.

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 – 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 13Dec2010 2-3pm eastern, **last for 2010**
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.
Or, call in using your telephone. **Mute phone when not in the conversation**.

Dial **714-551-0021**
Access Code: **738-908-066**