SG-Network TF Conf Call Notes - DRAFT

Date/Time: 06Aug2012, 4pm eastern
Participants:

>> Ron Cunningham (vice-chair)   Klaus Bender
>> Doug Gray
> Note: others may have been on the call, but the note taker did not catch names.

Agenda Items / Major Discussions: [text in blue, post the conf call additional information]
> **SRS – Section 4 Status** - Ron relayed a message from Matt Gillmore that he attempted to post the next draft out on the email reflector by next Monday. In 2 weeks, the intent is have all of section 4 (excluding the DA portion) documented.

> **SRS Work Review** – **Distributed Customer Storage Update** - Ron walked through the updated draft distributed last week. This updated includes: cleaning up a few actors descriptions; splitting out the energy/load limiting payloads into their own scenario; creating 2 new payloads for inclusion in the islanded storage scenario.

> **Business Application Payload Latency description/definition** - Ron walked through the email posted to the group on clarifying what was included in the SG Network TF business application payload latency requirements and how that relates to data flow links with multiple network nodes or multiple data flows that make up a complete end to end asymmetric message flow. It was noted that if there are already good sources that can be referenced that provide these latency descriptions and definitions, then they need to be identified. Otherwise this description/definition work will continue.
> Action Items:
> - Work with PAP02 to tighten-up and clarify the differences between the network latency parameters present and that need to be accounted for in the PAP02 wireless modeling tool.
> - Include that agreed to SG Network and PAP02 latency descriptions and definitions into the SG Network SRS and recommended for inclusion into the PAP02 documentation.

> **PAP02 Update** – Ron noted that during his working on SG Network SRS and PAP02 documentation for sect 6.5, that the deployment profile for PAP02 is missing some child rows due to the FAN Gateway – field and it's path back to the Operations Distr. SCADA – FEP was excluded and really needs to included as the DAP and the FAN Gateway – field actors are logically the same for use of the SG Network TF FAN and the intended scope was to include both the AMI Network and FAN traffic so that a shared wireless infrastructure (all the payloads that would cross the FAN and AMI Network with the in-scope endpoints) would be included in the assessment.
> Action Items:
> - Ron will update the PAP02 deployment profile diagram and include those missing child row requirements into the SG Network Requirements that get parsed and scaled for input into the wireless modeling tool.

To-Do's (description, lead person, current update)

I. **System Requirements Specifications –** the following items need to be updated:

    Matt & Ron provide pre-release version of the SRS and present to the SGAC's AWP by 27Aug2012.

    Matt to solicit guidance and How-Tos to allow the numerous figures and tables to be linked into the master SRS source document to allow easier updating of individual figures an tables, then allow the intended pdf format of the SRS regenerated as needed, versus all of the manual copy/paste format steps currently being performed.

    sect 2.1.4 Deliverables – Matt to add in brief descriptions of the primary tangible deliverables e.g. SRS, Requirements Table, Reference Diagram, Application Payloads Table

    sect 2.2.1.3 – Note: it is not expected that the mapping of the SG Network application payloads to CIM messaging will make it into the pending SRS deliverable unless resources to perform that are identified and volunteered or engaged.

    Sect 4:
- ⚔ Write the overview for each of the use cases
- ⚔ Section 4.*.3 needs Scenarios pasted in and described
- ⚔ NOTE that DA reference architecture is generic for DA use cases
- ⚔ Matt, <in progress> consolidate Distribution Grid Management & other DA use cases

    sect 5 Appendix
- ○ Ron to add 2 columns to the payloads (sect 5.5) and change the page orientation to landscape for that section.
- ○ Ron to work up content to explain the minimal requirements and dependencies when selecting which use cases and application payloads are appropriate for specific Deployment profiles.
- ○ Ron, <in progress> Add Method for adaptation of the requirements table information to specific analysis needs (Copy from NISTIR 7761v1 section 3, and modify)

II. **Requirements Table - Release 5.2? potential use cases and needs**
   A. 11 child requirement rows (Premise Network Admin & Firmware /Program Update use cases) need their payload name and type corrected
   B. Factor in the additional edits needed in the "How Often" content as identified in creating the profile and scaling the data for input into the PAP02 wireless modeling tool.
   C. Distributed DA Maint, DSDR, (Ron) Volt / Var control use case rqmts
   D. (Matt) Security payload overhead - addtl volumetrics (?)
   E. Security Key Exchange add payload rqmts
   F. PHEV and PrePay - add follow the money payload rqmts
   G. HAN (plus those for PLC technology consideration)

III. **Functional/Volumetrics database –** refer to "database-update-needs-29Aug2011.doc" file in the Rqmts-Database-wip folder for list of additional database coding needs.

IV. **SG Network TF artifacts Alignment with OpenSG & other Organization efforts** – Matt and Ron to work with SG Systems WG on determining those alignment steps. Alternatively to take proposal to OpenSG TC to address establishing a normalization

effort across OpenSG concerning architectural and semantics references used by the various groups. Note: Ron is carrying this same normalization request to the SGAC.

Next Working Session / Conf Call(s):
Monday 13Aug2012 4-5pm eastern – normal SG Network TF weekly call

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

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