SG-Network TF Conf Call Notes - DRAFT

Date/Time: 28Nov011, 4pm eastern
Participants:

Matt Gillmore (chair)	John Buffington
Ron Cunningham (vice-chair)	Jorjeta Jetcheva
Bruce Kraemer	Michael Northern
David Gosch	Tim Godfrey
Doug Gray	Vincent Bemmel
Jerry Armes	

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

Agenda Items / Major Discussions:

IETF Applicability Statement for the Routing Protocol for Low Power and Lossy Networks (RPL) in AMI Networks – Matt asked Jorjeta if she had a anything to report from the recent IETF meetings she attended wrt to SG Network TF's focus. The one item that came to mind was the earlier submission of a draft Applicability Statement on RPL.
Action Item:

- Jorjeta will post out a link to the latest draft of the RPL Applicability Statement and if anyone has any feedback, please provide that back to Jorjeta or any of the other submitters of the draft.

Requirements Table 5.1 - Corrections based on Vetting Macro Results – Ron reported on validation of the Requirements Table vetting macro being applied to the proposed changes as called out in "SG Network System Requirements Specification v5.1.drafta.xls" demonstrated at one of the recent SG Network TF face-to-face work sessions. The bottom-line was that the vetting macro was functioning as designed and that there was in deed still a bracket imbalance error in one of the parent rows Data Flow Ref pseudo code. That error was corrected in what was shared with the group. It was also reiterated that the other flags that the vetting macro threw up were still legitimate, as the child records that were flagged for deletion had not yet been deleted from the file and the false positive on the interface + interface pseudo code entries that the macro was not designed to differentiate from the data flows. Ron indicated that drafta candidate for 5.1 is as corrected version of the 5.0 content at this time.
Agreement & Action Item:

- The Requirement Table drafta candidate for 5.1 will be frozen to allow it to be used to allow the SRS to be sync'd with it's content, and 5.1 to be released concurrent with the SRS.
- Ron will post the "SG Network System Requirements Specification v5.1.drafta.xls" with updated pivot tabs to the appropriate SG Network TF work-in-progress folder.

SRS Edits – Matt summarized the current state of the SRS and showed the current section 4 sub-sections that now align with the use-cases (scenarios) as documented and labeled in the Requirements Table. The last major work is focused on section 4.
Action Items:

Matt will:
- update the use case and comm-path alternatives diagrams in the sub-sections of section 4 with the current diagrams based on Reference Diagram 5.0a
- create sub-section sub-item stubs for those previously missing use cases
- post out the revised SRS to the SG Network TF SRS-wip folder by the next conference call, at which time, sub-sections will be doled out for reviewers to perform content vetting against the Requirements Table 5.1 as well as clean up of the sub-section content and text.

PAP2 Update – Bruce & Doug provided status of the SDO sub-team efforts. The team expects to complete the rework of section 4 and most of section 5 by end of the year from the SDO perspective. Ron thanked Doug for the working up initial introduction of the model-area wireless assessment tool in section 5. Section 6 rework is dependent on exercising the spreadsheet based model-area wireless assessment tool and folding in other key observations out of section 5. Ron also indicated that at the 12Dec2011 SDO sub-team conference call, the major touch points between the profiled SG Network Requirements and the wireless assessment tool will be detailed especially concerning: requirements data aggregation and input and proxy for network link latency.

To-Do's (description, lead person, current update)
I. **System Requirements Specifications –** the following items need to be updated:
    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, 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: May include Margaret Goodrich's input on CIM mapping to payloads, if available in time for SRS publishing. Margaret showed examples of mapping several SG Network payloads to CIM. Margaret and Ron to work out the refining the mapping process to reduce the resource requirements. Note: it is not expected that this CIM mapping will make it into the current SRS deliverable.

    sect 2.2.1.4 – Matt will update section with text to describe the process that also used the use case Reference Diagrams and the recent Requirements Table Ref Diagram to Requirements Table vetting processes

    sect 2.2.1.5 – move the Requirements Table "Illustrative" figure from sec 3.1.1 into sub-section of 2.2.1.5 near the discussion on the Requirements Table and column descriptions, which might end up decomposing the figure further

    sect 4 – Matt insert current use case and comm-path options diagrams into appropriate sub-sections and stub out the new sub-sections sub items.

    sect 5 Appendix
- Matt to add acronyms (abbreviations) from Requirements Table 5.0 "HowOften-abbrev-xref" tab into section 5.2
- Matt to re-copy 5.5 into the document from Requirements Table 5.0
- Matt to evaluate 5.5 change to landscape page formatting

II. Requirements Table - Release 5.2? potential use cases and needs
   A. Distributed DA Maint, DSDR, (Ron) Volt / Var control use case rqmts
   B. (Matt) Security payload overhead - addtl volumetrics (?)
   C. Security Key Exchange add payload rqmts
   D. PHEV and PrePay - add follow the money payload rqmts
   E. HAN (plus those for PLC technology consideration)
III. **Functional/Volumetrics database (**Jerry Armes, **Klaus Bender, Kelly Flowers, Matt Gillmore, Mark Thompson, Ron Cunningham) –** refer to "database-update-needs-29Aug2011.doc" file in the Rqmts-Database-wip folder for list of additional database coding needs.

Next Working Session / Conf Call(s):
Monday 05Dec2011 4-5pm eastern – normal SG Network TF weekly call
   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**