Minutes: OpenSG Edge Conformance Task Group Conference Call 7

Date/Time: 17-Feb-2010 10:00-11:00 PST
Participants

Phil Beecher	Beecher Communications, Inc.
John Lin	Wireless Glue Networks, Inc.
Greg Ennis	Wi-Fi Alliance
Ken Holbrook	Itron
Art Anderson	PG&E
Bruce Muschlitz	Enernex
Rolf Bienert	ZigBee Alliance

 Agenda
1. Roll Call
2. Action Items

New Action Items

ID	Date	Description	Status
AI.12	20-Jan-2010	Reach out to Open ADE and Open ADR for conformance (Phil and John), ask for involvement; Ask for respective chairs to have a rep to call in. Invite to Listserv of OpenADE and OpenADR	Done
AI. 13	20-Jan-2010	Discuss with Phil/John on restructuring of GP document esp. sections >2.2.	Done
AI.14	20-Jan-2010	Phil to prep intro for 2/1 SG Conformity session	Done
AI.15	20-Jan-2010	Everyone: READ the GP and CPRM by F2F	Done
AI.I6	20-Jan-2010	Phil/John Call in info to be distributed ASAP for the F2F meeting	Done

4. Report from F2F

Six hours of meeting; Rev 4; review minutes of meeting
Work on Guiding Principals and CPRM.

5. Guiding Principals and CPRM
Definitions work needed in GP. Relevant to all task groups; submit to Bruce.
Action: Phil to submit definitions
Logos-- TBD for Bruce
IEC 6850 need to be purchased.
Bruce can provide details test documents through UCA.

Best Practices Structure--- need to be updated; it is for Product Certification

Bruce: BP: change to OSI stacks.
Change BP to OSI layer representation; each conformance and interoperability
PICS/PIXIT/TICS (which of bug fixes are implement)

Define inheritance so that not all tests need to be repeated
Action: John will update Best Practices diagram

Rolf: Use modular approach to testing as they are applicable

Phil: Deployment requirements defined further by Phil

Timeline: First half of the year.

Next F2F: 4/28-4/29 Washington DC
Try to get CPRM, BP in place in spring

6. Any Other Business. NIST SGIP TCC

Have joint sessions with ADE/ADR in future; request for chairs to get together
     especially before F2F meetings.
Get info and interfaces of ADE and ADR

Bruce: Where is the "edge".
Phil: Get context diagrams out of ADR/ ADE and define the EDGE.
Bruce: Definition of server/client.
Phil: Need to use the definition of ADR...
Bruce: Call it "OpenADR Server" and "OpenADR Client".

TCC trying to define itself---organization meeting. Not yet substantive work
     being done yet.

Next Call- 2/24

Roll Call
Done.

Action Items review

ID	Date	Description	Status
AI.17	2/17/2010	Phil to submit term definitions to Bruce	Pending
AI.18	2/17/2010	John to update Best Practice description to match OSI model	Pending
AI.19	2/17/2010	Phil to get context diagrams for ADE/ADR into GP	Pending

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Date/Time: 27-Jan-2010 10:00-11:00 PST**Participants**

Phil Beecher	Beecher Communications, Inc.
John Lin	Wireless Glue Networks, Inc.
Mark Freund	PG&E
Clint Powell	SCE
Chuck McParland	LBNL
David Mollerstuen	TendrilGerald Gray
	Enernex
Bruce Muschlitz	Enernex
Rolf Bienert	ZigBee Alliance

Simple IntegrationsSandy Bacik

 Agenda
1. Roll Call
2. Action Items

New Action Items

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		respective chairs to have a rep to call in. Invite to Listserv of OpenADE and OpenADR	
AI. 13	20-Jan-2010	Discuss with Phil/John on restructuring of GP document esp. sections >2.2.	Pending
AI.14	20-Jan-2010	Phil to prep intro for 2/1 SG Conformity session	Pending
AI.15	20-Jan-2010	Everyone: READ the GP and CPRM by F2F	TBD
AI.I6	20-Jan-2010	Phil/John Call in info to be distributed ASAP for the F2F meeting	Pending

Date of Next Meeting

4. Inclusion of OpenADE, OpenADR into Guiding Principles and creating separate CPRM docs for ADE, ADR, and HAN

    Introduction of Chuck McParland of LBNL

5. Agenda for F2F Meeting:
08:00-10:00 : Opening Stuff, Guiding Principles, CPRM
                10:30-12:00 : CPRM (continued)
                13:00-15:00 : Abstract Test Cases
        2/4   13:00 -15:00   Joint meeting: OpenADE, OpenADR, OpenHAN

    a) Overview of Edge Conformance GP
    b) Overview of CPRM
    c) Status-Use Cases:OpenHAN, OpenADR, OpenADE
    d) Timelines

Boot Camp: all participants can attend any session.
Abstract Test Case: Fully automated; no human intervention
Devices may have test control interface
Audit points may be required based on devices
Bruce: Goal be unambiguous tests
Chuck: Want to track closely and test end to end of OpenADR to edge.
            Mon (bootcamp) / Thr (afternoon)

Need Technical Use Cases in Thursday session (and feedback as necessary)

6. Any Other Business.
Next Call- 2/8, chaired by JLIN.

Roll Call
   Done.

Action Items review

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Minutes: OpenSG Edge Conformance Task Group Conference Call 5

Date/Time: 20-Jan-2010 10:00-11:00 PST**Participants**
John Lin   Wireless Glue Networks, Inc.
Art Anderson   PG&EGary Aumaugher   EPRIRolf Bienert   ZigBee AllianceZahra Makoui   PG&E Sandy Bacik   Enernex
Bruce Muschlitz   Enernex

Agenda
1. Roll Call
2. Action Items
3. Inclusion of OpenADE, OpenADR into Guiding Principles and creating separate CPRM docs for ADE, ADR, and HAN
4. Agenda for F2F Meeting:
   2/3: 08:00-10:00 : Opening Stuff, Guiding Principles, CPRM
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         a) Overview of Edge Conformance GP
         b) Overview of CPRM
         c) Status-Use Cases:OpenHAN, OpenADR, OpenADE
         d) Timelines
5. Any Other Business.

Roll Call
   Done.

Action Items review

ID	Date	Description	Status
AI.9	6-Jan-2010	John to prepare a session on Abstract Test Cases	Pending
AI.10	13-Jan-2010	Zahra to contact Greg Robinson /Brent w.r.t. NAESB activity	Closed
AI.11	13-Jan-2010	Phil contact P2030 to get equivalent Certification Scheme diagram	~~Defer to status~~

AI.10: NAESB not putting together STD testing/cert. Few labs testing on their own. Greg Robinson to work within SG Conformity.

Inclusion of OpenADE, OpenADR into Guiding Principles and CPRM

   GP: how/where to include - F2F clear inputs.
   1- GP: document structure to modify / include ADE/ADR portions?
      Sections 2.2 and beyond are OpenHAN centric at this point.
   OpenADE (Zahra) interface issues
   OpenADR is mainly server description for DR and Price events; this is outside of Edge; concentrate on receiving side (edge).   Conformity wrt OpenADR is not Edge issue per se. Edge conformity should concentrate on edge devices.

   Addressing issue of "conformity" for OpenADR and OpenADE: somewhere receiver

side conformance needs to be addressed. Need more input from respective experts.

NIST (Zahra): CIM will be used as basis for OpenADR/ADE/HAN. Extensions to CIM will be proposed via IEC, TC 57 WG 14. Enterprise Conformance shall address conformity w/ CIM.

CIM and Generic Architecture topic remains wrt OpenADR/ADE/HAN and CIM, and under what conceptual framework are we going to consider the issue of conformity---that which covers all relevant elements of the required architecture.

Agenda for F2F meeting.
    2/3: 08:00-10:00 : Opening Stuff, Guiding Principles, CPRM
        10:30-12:00 : CPRM (continued)
        13:00-15:00 : Abstract Test Cases
    2/4 13:00 -15:00   Joint meeting: OpenADE, OpenADR, OpenHAN
                a) Overview of Edge Conformance GP
                b) Overview of CPRM
                c) Status-Use Cases:OpenHAN, OpenADR, OpenADE
                d) Timelines

Target: Have acceptable GP (not wording, but conceptual / task list / heartburns)
      Procedurally for publishing a doc: list of comments , clear it, and then send   it for approval.
Rolf will be absent from 2/3
Gary will be absent

Call in information will be distributed; Internet will be available. GotoMeeting is going to be assumption.

New Action Items

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		sections >2.2.	
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AI.15	20-Jan-2010	Everyone: READ the GP and CPRM by F2F	
AI.I6	20-Jan-2010	Phil/John Call in info to be distributed ASAP for the F2F meeting	

Date of Next Meeting
   27 January 2010

Minutes: OpenSG Edge Conformance Task Group Conference Call 4

Date/Time: 13-Jan-2010 10:00-11:00 PST**Participants**Phil Beecher
        Beecher Communications Consultants Ltd (absent)Clinton Powell SCE Rolf
Bienert   ZigBee AllianceZahra Makoui   PG&E Sandy Bacik
        Enernex
Steve van Ausdall   SCE/Xtensible
 Agenda
      1. Roll Call
      2. Action Items
      3. Inclusion of OpenADE, OpenADR into Guiding Principles and CPRM
      4. Agenda for F2F Meeting.
      5. Any Other Business.

Roll Call
    John Lin sends apologies

Action Items review

ID	Date	Description	Status
~~AI.6~~	~~9-Dec-2009~~	~~Zahra to contact Ed or Albert so Phil can reach out to obtain OpenADR use cases~~	~~done, Phil to get Use Cases~~
AI.7	6-Jan-2010	Phil contact HomePlug to get equivalent Certification Scheme diagram	Defer until February
~~AI.8~~	~~6-Jan-2010~~	~~Phil to convert documents and store documents in legacy formats (not docx)~~	~~Done~~
AI.9	6-Jan-2010	John to prepare a session on Abstract Test Cases	

Inclusion of OpenADE, OpenADR into Guiding Principles and CPRM

Phil reviews Guiding Principles Document - looking for input. Sandy suggests adding NEMA, NAESB and NERC to 1.3 Organizational Interfaces. (Sandy co-chairs NERC security sub-group). NERC is concentrating on bulk power. Steve describes possible test / cert activity within NAESB. Zahra will contact Greg Robinson and Brent for more information. P2030 should probably also be included. No need to formalize organizational interfaces as there is significant overlap between participants.

It was suggested that Edge Conformance TG survey similar documents from other organizations and ensure coordination. However, it is unnecessary for Edge TG to be proactive in reaching out to orgs like Wifi Alliance at the moment.

Discussion about contents of documents)also in SG-Conformity Working Group tele-meeting) Currently both Guiding Principles document and CPRM are biased towards HAN. Need to solicit input from Participants of OpenHAN, OpenADE and OpenADR. Guiding Principles document is biased towards Zigbee. Either generalize or include other examples. Receive input from other groups before updating.

Agenda for F2F meeting.

Items for inclusion:

Review Guiding Principles document and CPRM.
Session on Abstract Test Cases.
Joint session will present overview of documents, assess Use Cases, look at timelines and plan how Edge Conformance will work with OpenADE, OpenADR and OpenHAN.

New Action Items

ID	Date	Description	Status
AI.10	13-Jan-2010	Zahra ro contact Greg	

		Robinson /Brent w.r.t. NAESB activity	
AI.11	13-Jan-2010	Phil contact P2030 to get equivalent Certification Scheme diagram	
AI.8	13-Jan-2010	Phil to convert documents and store documents in legacy formats (not docx)	Done
AI.9	6-Jan-2010	John to prepare a session on Abstract Test Cases	

Date of Next Meeting

20 January 2010 – Phil probably cannot chair, will request John Lin to chair.

Minutes: OpenSG Edge Conformance Task Group Conference Call 3

Date/Time: 6-Jan-2010 10:00-11:00 **Participants**Phil Beecher   PG&EClinton Powell SCE Greg Steinmetz   AEP John Lin   Wireless Glue Rolf Bienert   ZigBee Bobby Brown   Enernex Zahra Makoui   PG&E Sandy Bacik   Enernex

 Agenda   1. Roll Call   2. Guiding Principles Document   3. Face to Face meeting - agenda items   4. Any Other Business

2. Guiding Principles

Phil has updated Guiding Principles document

1.1 refers to interoperability requirements between different networks (WiFi, HomePlug, ZigBee, etc.) within the HAN – document updated to clarify.

 2.2 Best Practice Structure: includes additionally NIOT and RPT; no conflict exists in SE 2.0 structure.

Picture for ZigBee IP and SE 2.0; PLC of HomePlug and others are not displayed in OpenOffice – Phil will fix.

Network Interop: Liaise with Open SG Communication Group to pull in requirements **3. F2F Meeting** -> Edge Conformance group has 4 hours + OpenADE, OpenADR, OpenHAN joint session.

Rolf can only attend on Monday and Tuesday.Work Item: Abstract Test Case session Work Item: Zahra--- OpenHAN, but also OpenADE, OpenADR. OpenADR - Edge Conformance is relevant for OpenADR client. Work Item: CPRM.   Zahra: expand CPRM to include OpenADR and OpenADE too. Consider CPRM as one document and have subsection for ADR, ADE, and HAN. Modify Guiding Principle (next week's call) to enable inclusion of ADR, ADE work item into CPRM. Perhaps session at F2F for discussion of SE 2.0 cert structure. **Action Items (**renumbered for consistency and to facilitate tracking)

ID	Date	Description	Status
~~AI.1~~	~~2-Dec-2009~~	~~Phil Beecher to update TG Scope and Charter and send to Bruce to post~~	~~done~~
~~AI.2~~	~~2-Dec-2009~~	~~John Lin: send out existing ZB/HP CPRM to Phil for eventual distribution; Zahra / Rolf checking on copyrights~~	~~done~~
~~AI.3~~	~~2-Dec-2009~~	~~John Lin can copy/paste from ZB/HP CWG document to a new OpenSG CPRM-like draft sample document~~	~~done~~
~~AI.4~~	~~9-Dec-2009~~	~~Phil to post draft CPRM via Bruce~~	~~done~~
~~AI.5~~	~~9-Dec-2009~~	~~Phil to get started with Bruce on Guiding Principals document~~	~~done, first draft posted~~
~~AI.6~~	~~9-Dec-2009~~	~~Zahra to contact Ed or Albert so Phil can reach out to obtain OpenADR use cases~~	~~done, Phil to get Use Cases~~
AI.7	6-Jan-2010	Phil contact HomePlug to get equivalent Certification Scheme diagram	
AI.8	6-Jan-2010	Phil to convert documents and store documents in legacy formats (not docx)	
AI.9	6-Jan-2010	John to prepare a session on Abstract	

Test Cases
Call Next Week: Inclusion of OpenADE, OpenADR into Guiding Principles and CPRM

Minutes: OpenSG Edge Conformance Task Group Conference Call 2

12/9/09 10:00-11:00 Phil Beecher: PG&E Bruce Muschlitz: Enernex John Lin: Wireless Glue Rolf Bienert: Global Inventures/ZigBee Clint Powell: SCE Zahra Makoui: PG&E 1. Roll call2. Scope/Charter 3. Work plan Action Item Review: Update Charter done CPRM update done Zahra: Copyright check done 2. Scope and Charter reviewed: Responsibility should be in TG charter and not WG charter. WG charter: high level overview CPRM copy into OpenSG sample document Zahra: Let's get it approved so it can be sent to WG. Phil: Modify it so it can be pushed up asap. 3. Work Plan

      3.1 Guiding Principles document

          Phil to get started with Bruce, start free form and tidy up later.

      Bruce: Beware of scope creep John: Interested parties? Interested: Utilities-but who; ZigBee Alliance; HomePlug Alliance

      3.2 Certification Program Reference Manual
      Will be posted to SharePointPhil: SFO meeting discussion item

      SE 2.0 need to be MAC/PHY agnostic. Need to go into detail for SE 2.0 for ZigBee/HP as first, but not exclusive

      3.3 Test Details
      Bruce: Not develop detailed test plans, but derive documents to write tests Zahra: Let's work out the first documents, and then determine where it should land in terms of other groups: i.e. defer it; leave it open Bruce: List of responsibility and interfaces (get groups and interfaces) John: Evolutionary process Zahra: Let's not rule out things yet... Phil: Certification process and detailed tests different point Phil: Collating and evaluating use cases: Started; who for OpenADR?Zahra: Contact: Ed or Albert Bruce: Abstract use case would be a good work product Phil+Bruce: Get high level agreement to reduce iteration of test specification Bruce: Put into charter abstract test cases

4: Action Item
      4.1 Phil to post draft CPRM via Bruce
      4.2 Phil to get started with Bruce on Guiding Principals document
      4.3 Zahra to contact Ed or Albert so Phil can reach out to obtain OpenADR use cases.

Minutes: OpenSG Edge Conformance Task Group Conference Call 1

12/2/09 11:00-12:00 PST
ParticipantsPhil Beecher   PG&E Bob Old   Siemens Bruce Muschlitz   Ennernex John Lin   Wireless Glue Rolf Bienert   Global Inventures/ZigBee Steve Van Ausdall   Xtensible (UCA) Zahra Makoui   PG&E Clint Powell   SCE Art Anderson   PG&E **Agenda** 1. Assign Scribe 2. Roll call 3. Vice chair 4. Review Charter 5. Work plan 6. Any Other Business 1. Assign Scribe: John Lin volunteers 2. Roll Call: per Participant list above; Bob Old of Siemens will no longer be joining. 3. Vice Chair: John Lin, Wireless Glue Networks, Inc. volunteers. There were no objections. 4. Review of Charter Phil Beecher presents Task Group Charter, changed reference into Edge Conformance, removed references to security group, most chapters are identical; very few changes. Zahra: WG charter needs to be approved by committee Bruce: How about reducing TG charter by referencing WG charter, and describing only the differences? Phil: Sounds like a good idea – this is a good idea – it will reduce the size of document and avoid anomalies between scope and charters. Revision to be posted tomorrow, for next week's meeting; Bruce will then post it. NB: UCA SG Conformity Edge Conformance website is the place to post. 5. Discussion Work Plan Phil: Requirement from existing Use cases. -Phil: Collate use cases for other TG, identify, filter. --Scope: ADR, ADE, HAN; each should have use cases. --Collect use cases. --Suggestion: try to take original use cases, and reduce to essential elements requirement for conformity. --reduce down 90%? --What is definition of edge conformity? Must cover HAN, ADR, ADE aspects. --Determine intra-dependencies of these groups --Determine inter-dependencies between the groups --Define comprehensive test requirements for full conformity --Remove redundancy, and identify gaps. --Gaps in each, and between groups -What is process we will go through? Summary of Suggestions discussed: i. start framework ii. describe testing requirements: guiding requirements: users standpoint, device standpoint iii. be careful of Scope Creep for the SG Conformity Edge Conformance TG work items iv. Scope Creep: What shall be our scope...?   - comes out of charter- edge conformity: chapter 2: not too open / closed   - work plan needed- defines scope   - things that need to get done-   - Work item suggestion: develop a Guideline document for adoption by all interested parties.   - Adoption of Guideline will mitigate conflict in future   --Let's start (20pg) high level and agree on it.   --Write requirements for thousand page documents...   --OpenHAN: 9 guiding principles: took several months of discussions   --Make shorter document then could drive larger documents.   --Make sure that document can be agreed to so we can point to it. v. How do we include ADE, ADR? 6: Any Other Business -Set Meeting frequency: 1/week   10:00-11:00 Wednesdays, 6PM GMT, 10AM PST -Currently 9 participants -Zahra will send invite SG Conformity; Phil sends invite Edge Conformance -NB: OSG a (Conformity); OSG b (Edge) -NB: Clint: SE leadership call conflict w/ SG Conformity (will alternate) Action Items:

AI-1) Phil Beecher to update TG Scope and Charter and send to Bruce to postAI-2) John Lin: send out existing ZB/HP CPRM to Phil for eventual distribution; Zahra / Rolf checking on copyrights AI-3) John Lin can copy/paste from ZB/HP CWG document to a new OpenSG CPRM-like draft sample document