

AllSeen Alliance

TSC Minutes

April 28, 2015

6:00am PDT

via WebEx

TSC Participants

Art Lancaster (Affinegy)

Greg Burns (QCE)

Alex Kjungho KIM (LG)

Bryant Eastham (Panasonic)

Brad Kemp (Beechwoods)

Chris Kava

David Kauffman (Honeywell)

David McBride (QCE)

Dominique Chanet

Dino Natucci (MSFT)

Inhwan Choi (LGE)

Johan Svenér (Sony)

John Cameron (LIFX)

Jose A Rodrigo (AT4 Wireless)

Jun Zhang (Haier)

Marcello Lioy (QCE)

Mathew Martineau (QCE)

Ogawa (Panasonic)

Ondrej Tomanek

Patrik Gonja

Takeshi Matsushita Ueda (Sharp)

Toru Ueda (Sony)

Trevor Cullen

Whitney True from The Linux Foundation took the minutes.

Antitrust Compliance Notice

Greg Burns reminded the TSC of its antitrust compliance notice.

Recording Notice

Greg Burns reminded that the call is being recording

Greg Burns introduced the agenda for the meeting:

- Approve minutes from April 20, 2015 meeting
- AllSeen Summit Planning Committee
 - Call for volunteers

- Security Sub-committee (SSC) Charter
 - Call for vote
- 3rd Party Process
 - Vote to approve
- 3rd Party OSS approval request
 - Z-wave device system bridge
 - BACnet Device system bridge
- Proposal for new TSC subcommittee: “Test Policy”
- Reporting/Approving changes to developer APIs
- Lighting Update

Approve minutes from the previous meeting

Greg Burns called for a motion to approve the minutes from the **April 20, 2015** meeting. Moved, seconded, than unanimously approved by TSC.

Call for volunteers for the AllSeen Summit Planning Committee

Confirmed date and location of the Summit: AllSeen Alliance Summit will be held Oct. 19-21 (Monday, Tuesday with 1/2 day on Wednesday) at Sheraton in Downtown Seattle.

Call to create a committee of volunteers from the Marketing Committee, TSC, and BoD to help plan content and confirm speakers for the 2015 Summit.

Those members interested in participating, please email events@allseenalliance.org

Proposed Security Sub-Committee (SSC) Charter

Working Group (WG) Chairs to nominate security champions for TSC approval

WG Chairs serve as security champions until willing champion identified & approved by TSC

So far only Marcello delegated responsibility, Greg Zaverucha accepted, pending TSC Approval.

Proposed Scope

- Engage other open-source groups to learn their approach. Set expectations for best-practices.
- Ensure security diligence in early/architectural stages of projects; work with IRB to leverage review process; work with Certification & Compliance WG to incorporate “security” as a required for Certification.
- Find low-cost/low-effort automated code review solution for TSC approval. Map other processes, such as handling vulnerability disclosure. Keep TSC informed of progress with at least quarterly reporting.
- Tracked pre-release security concerns in JIRA. Track post-release security concerns confidentially.

SSC coordination to be done via “mostly email” workflow.
SSC voting model: TSC model for simple majority and quorum.

Burns called for a vote via chat window. Vote unanimously approved. Working Group chairs were asked to nominate someone in their groups for sub-committee and to let Bryant Eastham know of interest.

3rd Party Process Overview

We have dependencies on code and interfaces. We can expect to use code from other OSS projects but we must make sure that any code we’re dependent on.

Marcello Liroy (QCE) is asked to walk through proposal sent to TSC at face-to-face meeting.

- Dependencies on third-party OSS may have product-related and maintenance implications.
 - For example, if a project wanted to create a dependency on GPL licensed code it might become difficult, if not impossible, for some members to ship products that use that project’s code.
 - Dependencies on third-party OSS need to be vetted to make sure they are acceptable to the membership.
 - The proposal has been submitted to TSC members a few weeks ago

Burns called for a vote via chat window. Vote unanimously approved.

3rd Party OSS Approval Request

Microsoft requests to include 3rd-party OSS projects into two DSB contributions. The OSS components are needed to show the capabilities of DSB. Having them in one project makes it easier for developers to create and build the DSB projects.

Why include the 3rd-party OSS?

Microsoft made changes to the code to enable the stacks to run on Windows platforms. Those changes are not available at 3rd-party OSS location yet. Our objective is to contribute those changes to the OSS project. Once this is achieved we could separate the 3rd-party OSS from the Microsoft DSB samples if needed.

The first two bridges that MSFT will contribute to the Alliance is Z-Wave and BACnet.

Open Z-Wave Stack

Why needed? The Z-Wave Device System Bridge uses the Open Z-Wave Stack to access Z-Wave devices. The Open Z-Wave stack provides an API set to access the devices without deep knowledge of the Z- Wave protocol.

OSS Information:

- OpenZWave, v1.3
- License: LGPL (<https://github.com/OpenZWave/open-zwave/blob/master/license/license.txt>)
- <https://github.com/OpenZWave/open-zwave>

BACnet Stack

Why needed? The BACnet Device System Bridge uses the BACnet Stack to access devices on a BACnet network. The BACnet stack provides an API set to access the devices without deep knowledge of the BACnet protocol.

OSS Information:

- BACnet stack, v0.82
- License: MIT
- <http://sourceforge.net/projects/bacnet> • <http://bacnet.sourceforge.net>

TSC decides to call for vote with assumption BoD will approve; revisions can be made later. Burns requests calls for vote.

****Lioy asks to confirm via meeting minutes that this is a linkage to Zwave/BACnet to third party OSS projects. Burns will send note to BoD ensuring there are no objections.**

Proposal for new TSC Sub-Committee “Test Policy”: (David McBride, QCE) discussion. We’ve been actively working to transfer test artifacts and assets to the Alliance. Recently discussed management and release testing. In the course of those discussions, it became apparent that we needed an organization within the Alliance to deal directly with those issues.

Two major areas that the committee would deal with.

1. Manage and direct contractor support
 - a. POC for release testing and automated test system hosting
 - b. Provide direction, track status, and resolve issues
2. Establish test policy for
 - a. Release testing
 - b. New feature testing
 - c. Unit tests
 - d. Continuous integration

- e. Format and content of test plans and test cases
- f. Roles and responsibilities for TestLink

Art Lancaster asks question: what is the interaction between the sub-committee and the working group?

McBride reports details will need to be worked out as part of the charter.

Bruns confirmed we need to draft a charter and then work within charter to flesh out details.

Burns asks for volunteers to help McBride draft the charter. Natucci and Lancaster report MSFT and Affinegy would like to help.

Reporting/Approving changes to developer APIs (Dino Natucci, MSFT)

Focus on changes that will break existing app functionality that worked with last major release of AllJoyn.

MSFT proposes that you add a new API along existing API to follow existing deprecation process. This best serves older APIs. MSFT would like to request reporting and approval of changes to the developer APIs if/when they will cause a breakage.

Natucci reminds TSC that as the Alliance matures and more companies take dependences on the core code, this becomes more important to be mindful of. Confirms it is just up for discussion at this point, not called for a vote.

Intent is to maintain app compatibility.

- Discuss process regarding changes in developer APIs
 - These can potentially impact other dependent projects
- Options
 - Notify TSC allowing for a period of time for feedback
 - Require a TSC vote for changes in developer APIs

Lighting 14.12 Released (John Cameron, LIFX)

The Lighting Services project team from Qualcomm and LIFX is please to announce v14.12 release completion:

- Support for the 14.12 About framework in core.
- Verified against the 14.12b core and 14.12 base services releases.
- Added OpenWRT BB & CC Controller Service reference builds in Jenkins
- Release notes: https://wiki.allseenalliance.org/lighting/lighting_14.12_release_review

Lighting Service Framework 1.0

- Lamp service
- lighting controller service
- sample apps
- lighting apps
- lighting SDK
- luminarie

LSF 1.1 Enhancements

Feature
Migrate the whole of LSF to AllJoyn Core 14.12 and 15.04 and validate scalability and performance.
Lighting Controller in Android and iOS <u>SDK's</u> (Bundled Lighting Controller)
Sample Apps for Android and iOS built on Lighting SDK
Sample App for Android built with On-boarding SDK and UI enhancements
Lighting SDK support for creating groups, presets, and scene, state change callback

Natucci asks why is Lighting migrating to core? Cameron confirming that it will support, not be 'part' of core.

LSF 1.1 Next Steps

Natucci asks if 1.1 will be approved by IRB? Cameron confirms that 1.0 is just going to IRB approval now and 1.1 will as well.

iOS/Android:

- Feature-complete June 2015, release October 2015.
- Timeline limited by QA resources. Member companies invited to contribute eg:

- Test automation development • SDK integration trials

- Other platforms:

- Linux/C++ SDK: not scheduled yet, member companies encouraged to contribute.

Greg Burns closed the call.