



**ALLSEEN
ALLIANCE**

Technical Steering Meeting

October 20, 2014



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Reminder:

**This call is being
recorded**



Agenda

1. Approve minutes from previous meeting
2. Vote on Living Scenario Proposal
3. Security 2.0 Status Update



Best Practices for Project Releases

Mathew Martineau

Release Planning

Projects share their plans and status using the wiki.

- Plan: Provided early in the release cycle
- Status: Updates while work is in progress
- Review: Final results and test coverage information

Monitor the release plans and status for projects you depend on.

Example: <https://wiki.allseenalliance.org/release/14.06>

Details and templates:

<https://wiki.allseenalliance.org/release/process>

Release Practices

- As a project nears release time, create a release branch. Example: RB14.06, RB14.12
 - The release can be stabilized on this branch while other work continues on the master branch.
 - Make sure bug fix changes are merged or cherry-picked to the master branch
- When the release is ready, tag the final commit
 - Tag examples: “v14.06”, “v14.06a”, “v14.06.01”
- Update documentation including the wiki, allseenalliance.org, or other documents.

Release Practices

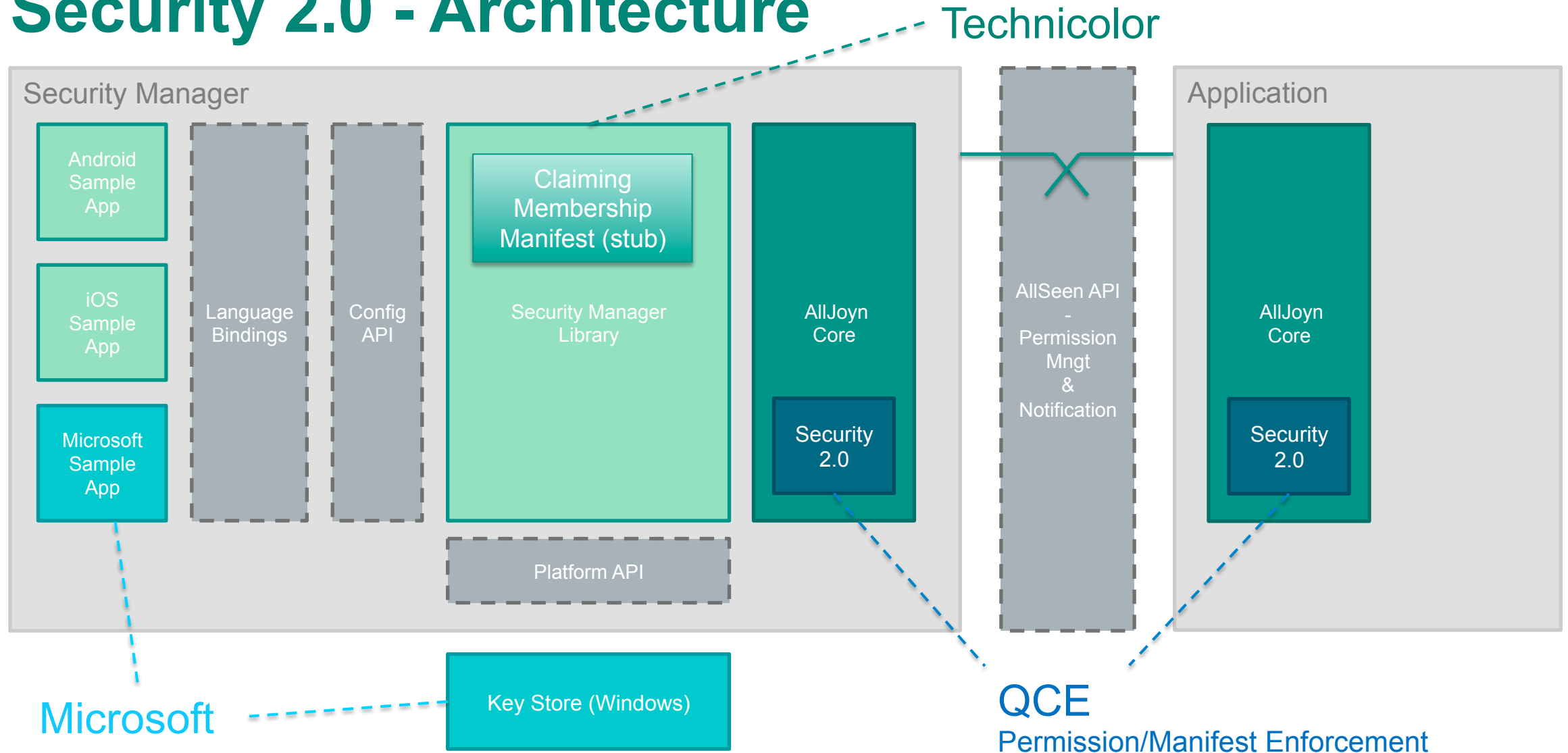
- Publish a source archive (.tar.gz or .zip) at <http://mirrors.kernel.org/allseenalliance/alljoyn>
 - Archives should be generated using Jenkins build automation or using the download links on <https://git.allseenalliance.org/cgit/>
 - Send email to allseen-infrastructure@lists.allseenalliance.org requesting to post your files
- Send questions to allseen-infrastructure@lists.allseenalliance.org



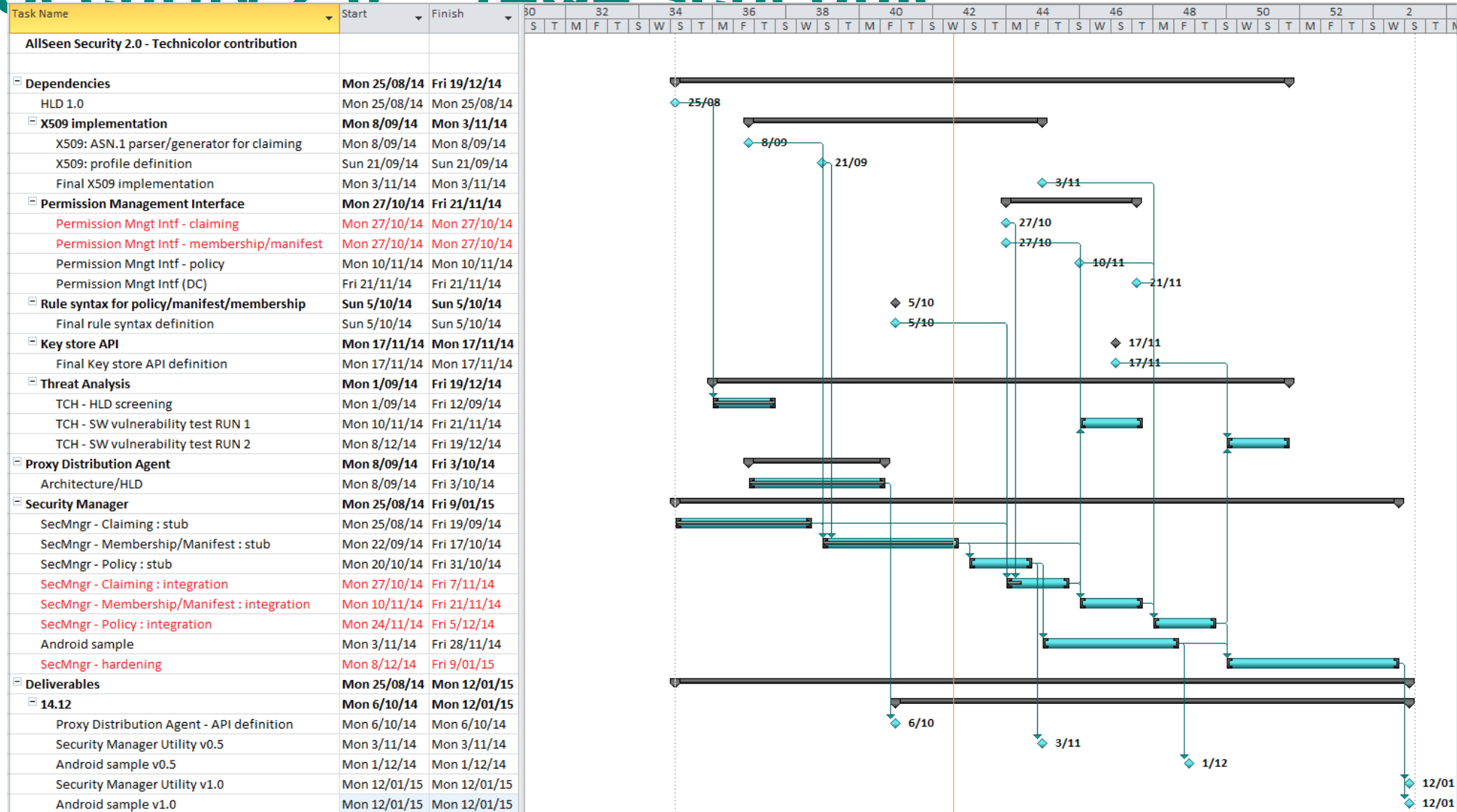
Security 2.0 Status

Technicolor

Security 2.0 - Architecture

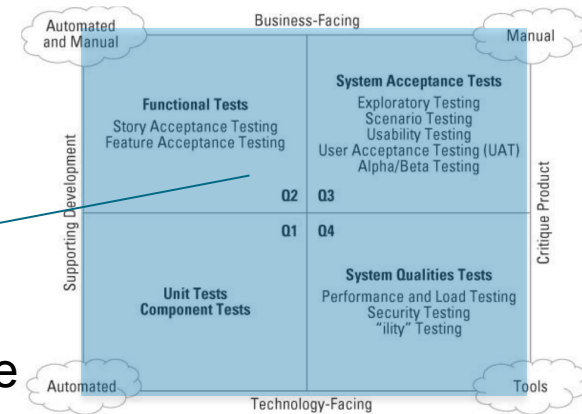


Security 2.0 – 14Q4 schedule



Security 2.0 – 14Q4 milestones

Security Mngr +
AllJoyn Core



- Security Manager
 - HLD update oct'14 done : Distribution of policy updates and membership certificate
 - Claiming : stub commit to core/securitymgr.git 19/9
 - Expected integration release date 17/10 >> 7/11 U/F tested (Q1 + Q2), 19/12 >> 12/1 scenario tested (Q3)
 - Membership/Manifest : stub commit to core/securitymgr.git 17/10
 - Expected integration release date 31/10 >> 21/11 U/F tested (Q1 + Q2), 19/12 >> 12/1 scenario tested (Q3)
 - Policy : stub commit to core/securitymgr.git 31/10
 - Expected integration release date 14/11 >> 5/12 U/F tested (Q1 + Q2), 19/12 >> 12/1 scenario tested (Q3)
- Threat Analysis – Security Testing (Q4)
 - HLD screening : done 29/9, report available
 - SW vulnerability test RUN 1 : 20/10/2014 – 31/10/2014 >> 21/11/2014
 - SW vulnerability test RUN 2 : 17/11/2014 – 28/11/2014 >> 19/12/2014

Security 2.0 – Open issues

- Permission notification is session based [QCE]
 - Session-less solution needed to start claiming integration (expected delivery 27/10)
- Authorization Data incomplete [QCE/TCH]
 - Final syntax to be agreed & extension for policy to be added (guild grouping/equivalence)
 - To be implemented both on application side as in the security manager
 - Solution needed to start membership/manifest & policy integration 10/11/2014
- Security 2.0 module doesn't host a session [QCE]
 - Proposal: host a session on a pre-allocated port to access the Permission Mngt Interface
 - Workaround: sample application hosts the session
- Bus Attachment : Session type selection ECDHE_NULL or ECDHE_DSA not possible [QCE]
 - Workaround: temporary use 2 Bus Attachments



Lighting Applications Project Proposal

Marc Alexander

Lighting Apps Proposal

- Purpose and intent of the project
 - Container project for Android and iOS sample applications that interact with the Lighting Service Framework,
 - Intended to make it easier for developers to create their own apps that use Lighting Service Framework
- Benefits
 - One place to go to find LSF applications
 - Developers will be able to quickly and more easily develop AllJoyn Lighting apps for Android and iOS by:
 - Leveraging the Java and Objective-C language bindings
 - Using the functional sample applications as an example

Lighting Apps Project Scope and Functionality

- Features and functionality to be developed
 - Java and Objective-C language bindings that wrap the existing Lighting controller client
 - Android and iOS applications that allow the user to view and interact with the lamps, lamp groups, presets, scenes, and master scenes present in the Lighting System
- How will the development be staged
 - Will be staged in Alliance Jenkins once Lighting Jenkins is available
- What AllJoyn interfaces will be developed
 - No new AllJoyn interfaces are proposed
- What is the completion criteria
 - On-going feature development based on committee/customers' requests

Project Details

- Dependencies
 - AllJoyn Core (core/alljoyn.git)
 - AllJoyn Lighting (lighting/service_framework.git)
- External Dependencies
 - For Android development: Android SDK and NDK
 - For iOS development: Xcode and associated libraries
 - Other platforms as required
- Proposed Project Name and Working Group
 - lighting/apps.git
 - Will reside in the existing Connected Lighting WG
- Release date
 - First release is proposed for October 31st 2014

Committers/Contributors

- Bharanee Rathna, Engineer, LIFX
- Marc Alexander, CTO, LIFX
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- Jason Fullen, Engineer, Qualcomm Connected Experiences
- Niral Bhalodia, Engineer, Qualcomm Connected Experiences
- Kenny Fok, Director, Qualcomm Connected Experiences



Have We Been Busy!

Commit Activity

Project	13-12	14-01	14-02	14-03	14-04	14-05	14-06	14-07	14-08	14-09	14-10	Total
compliance/tests	0	0	0	0	0	2	5	19	3	4	5	38
core/ajctl (adj)	31	37	37	11	9	19	59	33	33	31	1	301
core/alljoyn	23	34	48	27	18	168	230	92	79	106	114	939
core/alljoyn-js	0	0	0	0	0	0	0	16	19	24	6	65
core/openwrt_feed	0	0	3	6	0	4	0	5	13	2	4	37
core/securitymgr	0	0	0	0	0	0	0	0	0	1	1	2
data/datadriven_api	0	0	0	0	0	0	1	15	0	0	0	16
devtools/codegen	1	1	1	6	8	1	7	2	3	1	1	32
gateway/gwagent	0	0	0	0	0	0	14	30	7	1	1	53
lighting/service_framework	0	0	0	0	0	12	12	12	8	16	7	67
multimedia/audio	0	1	0	0	0	0	0	0	5	1	0	7
services/base (adj)	29	70	123	59	56	73	95	26	4	2	9	546
services/base_tcl (adj)	14	35	62	29	13	31	38	12	6	4	4	248
smarthome/homeservice	0	0	0	0	0	0	0	0	1	0	0	1
Total	141	283	459	226	173	414	594	300	191	199	166	2352



Thank You

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