ALLSEEN ALLIANCE

Technical Steering Meeting

July 28, 2014

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Reminder:

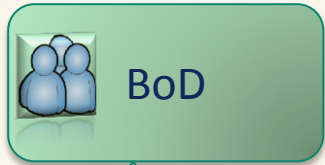**This call is being recorded**

Agenda

- Approve minutes from last call
- Welcome new members
  - ControlBEAM, Fortune Techgroup, FreeWings Technologies, Grid2Home, Legrand Group, MachineShop, Microsoft and Vedams
- C&C requirements for WGs
- 14.06 Status
- Other business?

Requirements for WGs C&C Updates

Telis C&C WG Acting Chair

JULY 28th 2014

C&C activity

Business Activity

BoD

C&C Committee

- Biz Strategies
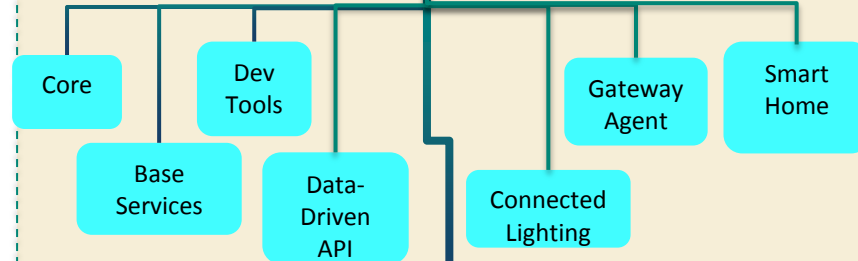- Compliance strategies
- Program Management Document (PMD)

Technical Activity

TSC

- Establish Technical Policies, processes and Requirements

Working Groups

Core

Dev Tools

Base Services

Data-Driven API

Gateway Agent

Smart Home

Connected Lighting

- Open Source code
- Service Frameworks Interface Definition
- Test case Specs
- Test Code

C&C TWG

- Certification process (technical solutions)
- Service Frameworks Conformance and Interoperability guidelines
- Validation/Conformance Tools
- C&C Certification test specs

C&C Working Group Information

- To access the wiki page please go to https://wiki.allseenalliance.org/compliance/overview
- To contact the Certification and Compliance Work Group, send an email to the   allseen-cc@lists.allseenalliance.org
- To join the Certification and Compliance Work Group Mailing List, please self-subscribe at https://lists.allseenalliance.org/mailman/listinfo/allseen-cc

- C&C WG meetings every week
  - The meeting is on:
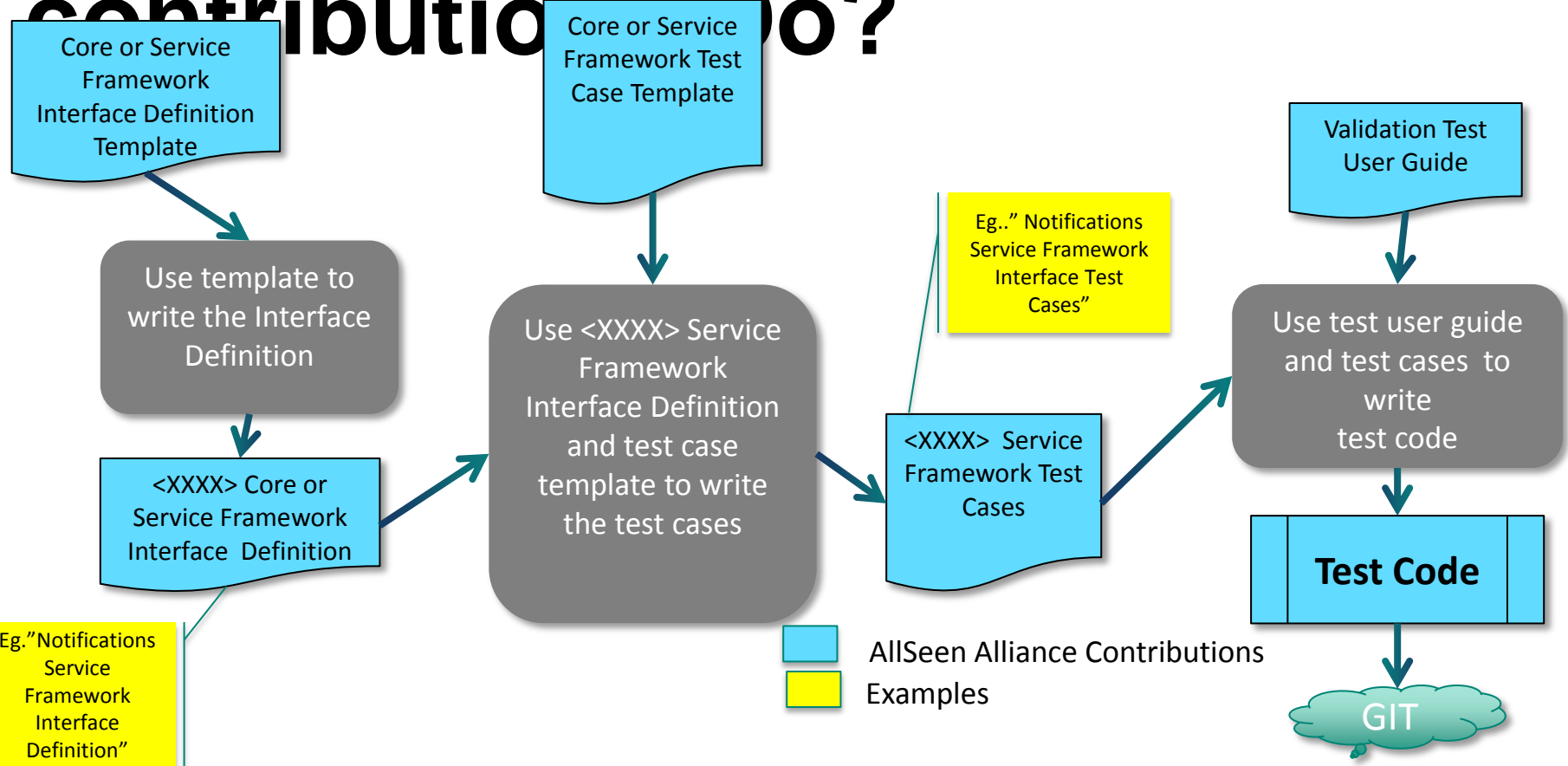 - Wednesdays   17:00PM - 18:00PM Pacific Time

Requirements for WGs

Committer or Contributor of Core (About...) and each Service Frameworks (Config, Control Panel, Notifications,Lighting,...) MUST Provide:

- The **source code** of the new (or updates) of core and Service Frameworks
- **Interface Definitions** associated with the Core Interfaces or Service Framework Interfaces
- **Test case Specs** which are written against the Interface Definition
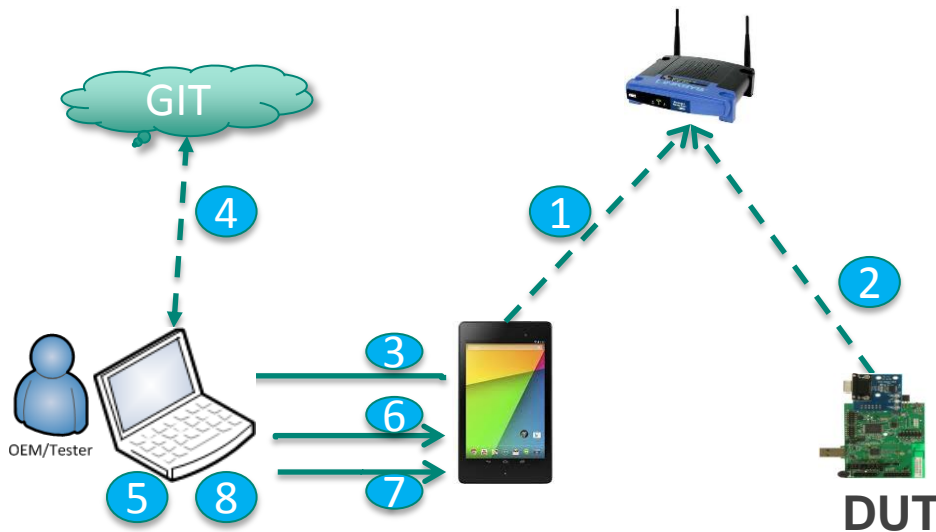- Provide **Test code** implementing the Test case Specs

C&C Process (Phase 1)

What the Core/Service contributions Do?

Core or Service Framework Interface Definition Template

Core or Service Framework Test Case Template

Validation Test User Guide

Use template to write the Interface Definition

Use <XXXX> Service Framework Interface Definition and test case template to write the test cases

Eg..." Notifications Service Framework Interface Test Cases"

Use test user guide and test cases to write test code

<XXXX> Core or Service Framework Interface Definition

<XXXX> Service Framework Test Cases

Test Code

Eg."Notifications Service Framework Interface Definition"

AllSeen Alliance Contributions

Examples

GIT

Example: Self Validation Test Setup and Executing Test Cases

PC Software	Minimum version requirement
Java SE Development Kit (JDK)	1.6
Android SDK	API/Platform 16
Apache Maven	3.1.1
Git (required to download code from the validation repository)	N/A

1. Configure a Nexus Tablet (Android test device) to connect to Personal Access Point. Nexus 7 Tablet is the device on which the tests are executed

2. Onboard the Device Under Test (DUT) to Personal Access Point. DUT is the device against which tests will be executed

3. Connect the Nexus 7 Tablet to a PC/Laptop (Win 7) via USB cable

4. Download the test code from GIT repository on to PC/Laptop

5. Compile the test code and build test app on the PC/laptop

6. Deploy the test app to the Nexus 7 Tablet

7. Execute command on the PC/Laptop to start the execution of tests on Nexus 7 Tablet against the Device Under Test

8. View and analyze the test results produced on the PC/Laptop

Links and Examples

- Service Framework Interface Definition Template

https://wiki.allseenalliance.org/compliance/overview?&#templates

- EXAMPLE :<XXXX> Core or Service Framework Interface Definition

  https://allseenalliance.org/docs-and-downloads/documentation/alljoyn-notification-service-framework-interface-specification

- Core or Service Framework Test Case Template

https://wiki.allseenalliance.org/compliance/overview?&#templates

- EXAMPLE: <XXXX> Core or Service Framework Test Cases

  https://wiki.allseenalliance.org/_media/compliance/alljoyn_notification_service_framework_test_case_specifications.pdf

- Validation Test User Guide

https://wiki.allseenalliance.org/_media/compliance/alljoyn_validation_test_user_guide.pdf

- **Test Code (delivered)**

Two-Phased C&C Program

Background

- Members are asking for a mark to use today
- Other consortia have run into this challenge and used a two phased approach– the best chance of interoperability for devices prior to having a full interoperability program available
- Interoperability requires a significant amount of work, effort
- AllSeen Alliance could execute on a two phase approach
  - **Phase 1**: Companies get to use "Designed for AllSeen" text on or with a product that passes self certification with a 3rd party authority confirming results
    - Limit for time period until Phase 2 is ready and then no longer allow usage
  - **Phase 2**: Full program requires passing services compliance tests + interoperability procedures tested by a lab -> get to use AllSeen Certified logo mark
    - When ready, implement full testing process and require full testing for use of the logo mark
    - Do not allow use of the "Designed for AllSeen" option any more

**C&C Committee
C&C WG**

Updates

C&C update

- Phase 1
  - Marketing co-chair selected Phase 1 text lock-up
  - Good progress on website copy with Celery
  - Good progress on validation tool with Weaved, Vedams
  - Phase 0 soft launch w members on stage.allseenalliance.org
- C&C RFP
  - Vendor selected

C&C **WG Vendor Selection**

1. C&C WG reviewed responses and scorecard
2. C&C WG unanimous consensus on the review call
3. C&C WG selection is AT4 Wireless
4. C&C WG recommends proceeding quickly with AT4 Wireless

Reasons for AT4 Wireless selection:

- Least expensive
- Open Source experience
- Labs to cover different geos
- Continua Health validation tool can be repurposed for AllSeen Alliance very quickly
- They have Android Java skills
- Positive feedback from members that have worked with them

Scorecard, RFP and responses here https://wiki.allseenalliance.org/members_private/cc_rfp_responses

C&C Phase 2

•Expecting there will be 2 fees:

•Lab test fee – charged by 3rd party lab to perform certification testing

•Certification mark fee – a fee to AllSeen Alliance also known as "listing fee"

•Question re Certification mark fee:

1.Should it be free for members?

2.Should it be free for 1st year?

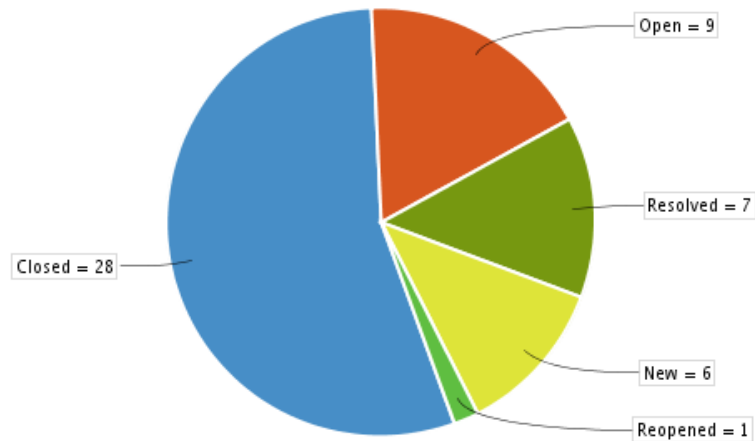•Question re Lab test fee:

1.Consider underwriting Lab's cost so testing is free? For members?

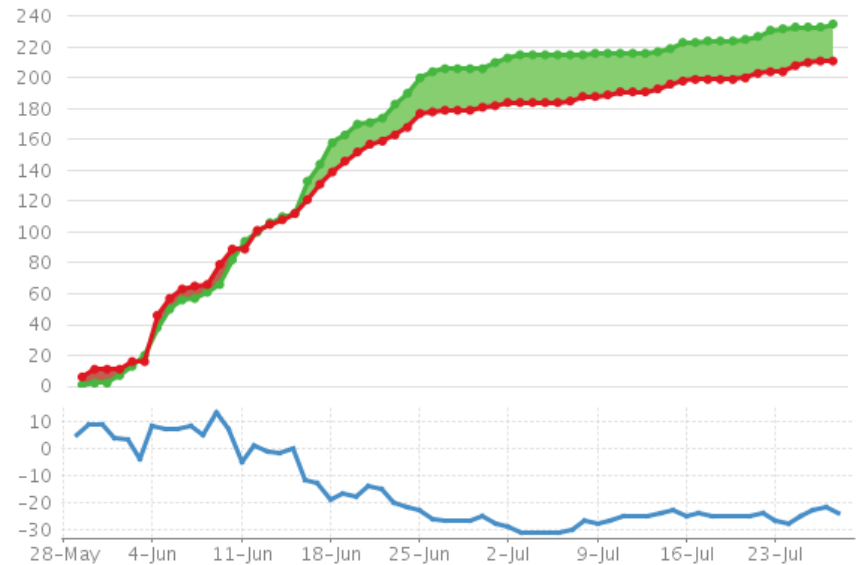2.Probably can't decide until costs are known

14.06 Status

14.06 Status for 7-28-14

- Jira status
  - Post-beta, 51 bugs identified and assigned to v14.06
  - V14.06 Post-Beta Dashboard
    - https://jira.allseenalliance.org/secure/Dashboard.jspa?selectPageId=10402
  - V14.06 Overall Dashboard
    - https://jira.allseenalliance.org/secure/Dashboard.jspa?selectPageId=10200
- Tests and characterizations
  - System stability (ongoing)
  - NGNS Cache Refresh (completed July 7)
  - NGNS stress and performance (Completed July 21)
    - About performance comparison
  - Core regression testing (start July 28)
- AllJoyn v14.06 final targeted for early August
  - Team is currently on track

JIRA Charts

Core post beta

Created vs. Resolved Chart: 14.06 Core & Base Services P1/P2 Issues (no UDP)

Technical Steering Meeting

Thank You.