

AllSeen Alliance
Certification and Compliance Work Group (under TSC) Minutes
May 7, 2014
5:00pm PST
via WebEx

Presentation slides at:

https://wiki.allseenalliance.org/compliance/overview#meeting_minutes_and_presentations

Participants: Aaron Pulliam (QCE), Brett Preston (LF), Joe Speed (LF), Jun Zhang (Haier), Lisa Lammens (QCE), Takeshi Matsushita (Sharp), Telis Kaleas (QCE), Tolly Smith (Silicon Image)

Joe reviewed the Antitrust Compliance Notice and the Bylaws

Joe presented goals for the day's discussion, which included:

- a) Review & Vote on 5 Test Case Specs
- b) Review Release Timeline Example
- c) Review Certification Timeline Example
- d) Review Self Validation Test Set Up
- e) Homework for next meeting

5 Test Case Specs

About Feature Test Case Spec (Test Case 1)

Joe noted no comments have been received from the group to date, and called for a vote to approve.

About Feature, as currently written, was approved by Jun Zhang.

Matsushita-san asked if interface specs have been released already. Telis confirmed that the interface specs, as well as all About 1.0 specs, are on the AllSeen Alliance website.

Matsushita-san asked what is the criteria for determining whether each behavior is pass or fail. Telis noted that the criteria is spelled out based on the interface specs. Aaron added that what determines whether a test would pass or fail is detailed in the test case specifications.

Aaron added that it checks that the types that are returned for each of the values are according to what they are defined in the About interface spec. The intent is to cover so that somebody reading it understands what that test case is validating and what areas it covers.

Matsushita-san noted that it states that it has to support wi-fi network. Aaron clarified that for these test cases to run the device needs to be accessible over a wireless network. You could have a device plugged into your router that is available over the ethernet to run the tests on.

Joe asked if we could update to say wi-fi access point or directly connected via ethernet to the access point.

Matsushita-san asked for confirmation that if AllSeen core supports additional networks (zigbee, bluetooth, z-wave), then all specs will be updated accordingly.

Joe and Telis confirmed that as we have future releases, test plans will need to be updated accordingly.

Joe suggested that in 2.1 requirements, it says wi-fi access point, that it be updated to include direct connection via ethernet. He also recommended that in the notes or in the title, it should include which AllSeen release number this test case is for.

Matsushita-san approved About Feature, contingent on making two updates above.

Jun agreed that if About can work over other transports, then test case needs to cover scenarios.

Aaron confirmed that given current set-up, devices need to be on same subnet and multicast accessible

Tolly approved About Feature

Telis approved About Feature

Control Panel Service Test Case Spec (Test Case 2)

Joe introduced slide, including additional table of tests that were suggested by Jun (Haier), and called for a vote to add the 7 tests to Test Case 2

Jun approved additional tests.

Matsushita-san = Agreed with additional tests.

Matsushita-san had a question about missed test for controller device / controller behavior.

Telis confirmed that the behavior in the interface specs is not specified there.

Aaron noted that the testing is similar to a HTML page. The approach taken so far for validating things is that everything is correct and that we could render it, according to what was specified in interface spec.

Matsushita-san questioned if that means control panel specification does not specify the behavior, it means that certified device may ignore any controls from controller device or any certified device can be ignored?

Telis noted to remember that we are validating the source code that someone downloads from the alliance. Behavior you will find inside the code.

Matsushita-san's question is how to test the controller.

Aaron noted that the focus of these test cases would likely be on the device that was produced.

Tolly approved the 7 changes.

Telis approved the 7 changes.

Notification Service Test Case Spec (Test Case 3)

Joe introduced slide, including additional table that was suggested by Jun (Haier), and called for a vote to add to Test Case 3

Matsushita-san presented questions below:

- Shall DUT support English?
- Is there any design rule for indication of text by notification consumer?
- What is Invalid text?
- Why graphic, video, audio or other media are not tested?

Aaron noted we do not have any way to see what is supported on the device in terms of displaying languages. Currently only sending English.

Aaron noted that what is being tested right now is what's defined in the interface specification.

Aaron noted that Invalid text is giving an invalid language field (i.e. rather than EN for English, giving XYZ which is not a defined language).

*** Ran out of time, so Joe skipped ahead to Homework

Homework: Do a self test validation (see page 14 of PPT/PDF) and provide feedback.

Set-up environment was provided, in addition to links to Validation Test User Guide and Test Code.