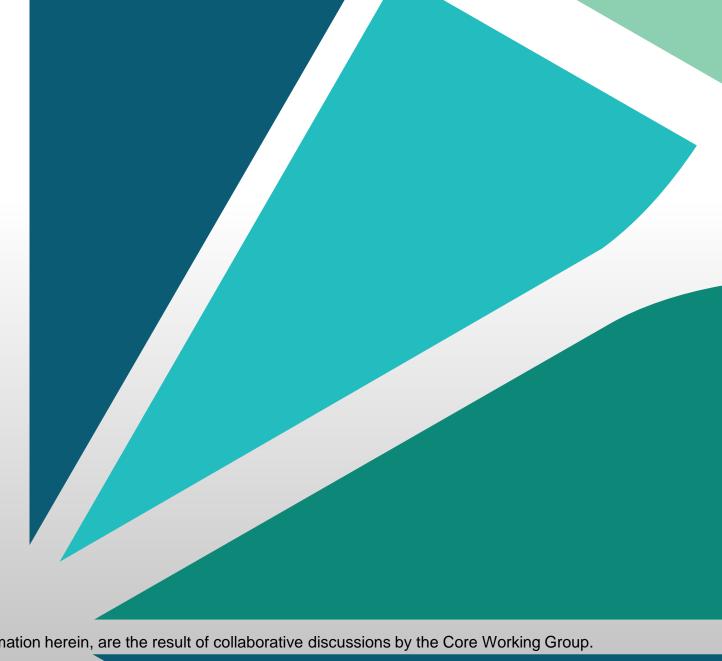


# **Core Working Group**

**January 21, 2016** 



The contents of this document, and the interfaces described, and all the information herein, are the result of collaborative discussions by the Core Working Group. This summary documents the final consensus of the team.



#### Reminder:

## This call is being recorded

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### **Agenda**

- 1. AJATS Status
- 2. 16.04 Platforms
- 3. Roadmap Prioritization
- 4. Review Action Items
- 5. Post Mortem action items

#### **AJATS Status**

- Android: working
- Linux: working
- Windows: All but authentication tests working
  - Switched from SSH to JNLP but the crypto tests still are failing
  - Could MSFT help figure out what is going on?
- iOS: not working has setup to do still
  - Unlikely to get completed
- Is the Team willing to support this infrastructure?
  - Means looking at test results
  - Means helping to keep it up and running
    - Addressing issues should things break

## 16.04 Platform Discussion Heads up: decisions will need to be made

- Does Microsoft want to put in the work to make VS2015/Win10 official at the Alliance level?
  - Action: Dan Mihai to provide prioritized list of what exactly Microsoft would like to see supported by the ASA (release test)
    - Specifically: Win7, Win10 inbox RN + ASA SDK, Win10 ASA SDK and RN → would like these to be prioritized
  - Dan will send to the WG mail list for the verification path
  - Action: Need proposal for what is needed in the verification path
    - Arvind: will prepare a slide for next weeks (1/28) meeting
  - Action: If MSFT believes that new test-cases are required, they will need to be contributed by MSFT
- iOS 9 / Mac OS 10.11?
  - Testing for this is covered under existing contract

#### **Roadmap Prioritization**

Sent mail to the mailing list: only one response +1 on adding dynamic API for TCL

#### - TCL:

- Beef up to be able to replace SCL
  - Layer to make make API more dynamic (i.e. create AJ objects on the fly)
  - Make the Library re-entrant, this would likely included ability to handle multiple messages
- Refactor interaction of ARDP with data path
- Make mDNS packet assembly less fragile

#### Router

- Use performance study to identify goals for scalability: any updates?
- Modify IO architecture to make completely asynchronous
  - help reduce thread count
  - General scalability, performance improvement would be expected
- IPv6 support
- Marcello: Add Dave's items to this list.



### **Action Items**

#### **Action Items**

- Proposal to outline the process for changing APIs
  - Has been handed over to Brian Rockwell
    - will craft proposal for review by Core WG and then presented to TSC
  - Expectation that this will be reviewed with WG in January.
- Arvind (MSFT) to create Wiki process page linked off of Core WG wiki
  - Remove references to java from mandatory binding list for 16.04 timeframe
  - Hope to have something by the end of Jan.
- Ry (LF): Need to have Alliance running Windows 10 when RTM'd
  - Running the unit tests on the Windows 10 cannot seem to pass
    - Only one set of tests are failing, MSFT has worked with Ry.
    - Issue appears to be the combinations of Windows 10 and the version of VM ware
- MSFT: 16.04 work items, should have a sense by the end of Jan, or early Feb.
  - Sec2.0 scenarios, working on C binding for Core Sec2.0

#### **Action Items**

- Add a way in JIRA to track compatibility issues and proposals
  - Proposal is the use a label: "compatibility impact" in the Jira ticket
  - Committers should require for these sorts of change that the release notes be updated
  - Marcello to document this process in the Core Process wiki
- Define process to require regression/unit tests for bugs
  - Marcello to add description of Committers requiring unit test for bug fixes to Core Wiki
- Define process for handling "Technical Debt"
  - Example: Took a shortcut to make a release and not loosing track of this to fix the shortcut
  - Jira items to track when things are missing e.g. feature added, but missing from Java binding
  - If shortcut is taken: could create a Jira task to track the problem



### **Thank You**

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