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# **Core Working Group**

**January 14, 2016**

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**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
- iOS: not working – has setup to do still
- 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 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, however, depending on whether or not WG is willing/able to get AJATS iOS working and support it, may not be relevant.

# 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
- Misc other items...



# 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: Should have a sense by the end of Jan, or early Feb
- Dan: will follow up with Greg Z on secure string changes as that currently is blocking std::string merge

# 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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