

RPI3_R4.3 Validation Report

Recommendation : **RECOMMENDED AS 4.3 RELEASE CANDIDATE**

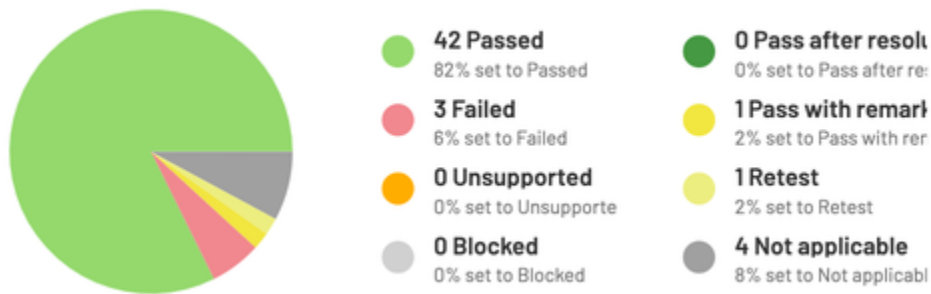
Summary:

- Successfully launched and validated Thunder along with various plugins
- Protected content playback was successful
- Cobalt / Netflix / AmazonPrime - Launch & playback was successful.
- Successfully validated the fixes for memory leaks identified during stress test scenarios.
- Wifi functionality was tested with non blocking issues
- Bluetooth pairing was successfully tested with Tech4Home RCU
- Successfully performed a minimal validation of the updated config : raspberrypi3_wpe_ml_defconfig

Test Scope:

- Focused testing on various plugins available in Thunder including Cobalt / Netflix / AmazonPrime
- Stability testing of Thunder was out of scope.

Test Results:



Detailed Test Results are available here

https://metrological.testrail.io/index.php?/runs/view/441&group_by=cases:section_id&group_order=asc&group_id=1797

Outstanding Bugs

- **Blocker :**
 - Nil
- **Major:**
 - <https://jira.rdkcentral.com/jira/browse/METROL-726>
 - <https://jira.rdkcentral.com/jira/browse/METROL-727>
 - <https://jira.rdkcentral.com/jira/browse/METROL-600>
 - <https://jira.rdkcentral.com/jira/browse/METROL-619>
 - <https://jira.rdkcentral.com/jira/browse/METROL-358>
 - <https://jira.rdkcentral.com/jira/browse/METROL-307>
- **Minor:**
 - <https://jira.rdkcentral.com/jira/browse/METROL-735>
 - <https://jira.rdkcentral.com/jira/browse/METROL-705>
 - <https://jira.rdkcentral.com/jira/browse/METROL-706>
 - <https://jira.rdkcentral.com/jira/browse/METROL-700>
 - <https://jira.rdkcentral.com/jira/browse/METROL-601>

Fixed Bugs

- **Major:**
 - <https://jira.rdkcentral.com/jira/browse/METROL-722>
 - <https://jira.rdkcentral.com/jira/browse/METROL-704>

Things to be addressed while releasing :

- Copy the vault files for Cobalt/ Netflix / playready DeviceCertificate to the provisioning path

Test Environment

Build Details:

- R4 => 3771095fd826fe11efb5426c9bbc45c7b19ec0da
- wpeframework-interfaces-8bdd62354f6497d9d769b29fa02d674c373d2a4e
- wpeframework-6fa31a946314fdbad05792a216b33891584fb4b5
- wpeframework-netflix-63ef13d98ce8c3f63935a799518dae013b70ef03
- wpeframework-amazon-97508084787102dc28a24e174ab07326e9395e05
- wpeframework-plugins-bed931668083f3ba634608472e960c105910c903
- wpeframework-cdmi-clearkey-39e6690feb0021c0ace930b82d65a9f23263f1f1
- wpeframework-provisioning-48e86ce8affdf0c3f6a37ed310a407820aa065aa
- wpeframework-cdmi-playready-6db28a0d13edfb1e9fb912578f8ccb155575eddd
- wpeframework-cdmi-widevine-375d6242c328e44d6dc42f6f423bb601a15d8276
- wpeframework-rdkservices-4d2226562f7732dacee9631022163bb4682460a7
- wpeframework-ui-aa8c9287cc34753d66eb9a2fd4c114d7dda78a19
- wpeframework-clientlibraries-50a850991d6e6208bbad7f0fa189f8c2c04429bf
- wpeframework-tools-13a2c71dec3cfab814a41b6a86dd8ea09ee17698
- netflix52 => a314bda4d1c59efac53815a7cc053314ae2c2947
- cobalt => a772cccf1da68623f3312bb8466860e2d1964f24
- amazon-backend => 4d898b95ed5adb7b3d459d891de577a32c72a586
- amazon-ignition => 1c01901fc15bdb46c7861b5324939b78466e1fd6
- wpewebkit => 48a6673fa6897be5d1feff94efc3c3598765d491

Platform:

RPI

Config:

- raspberrypi3_wpe_ml_defconfig

Linux Kernel => 5.15