Preparation

- V2 health checks for all devices.
  - Failures with V1 jobs will be monitored.
- Retire devices which cannot or do not need to be V2.
  - Less KVM devices.
- Port frontends to the V2 REST API and Results export.
- Restrict submissions to V1 devices.
- Make more devices exclusive to V2.
- Not just about [validation.linaro.org](http://validation.linaro.org), community instances will be affected as well.
- Follow announcements on [lava-announce@lists.linaro.org](mailto:lava-announce@lists.linaro.org).
Method

- Production release will **disable** V1 submissions.
  - UI and XML-RPC V1 submissions will fail.
  - Queued V1 jobs will run to completion.
  - Dashboard, Bundles, BundleStreams, Filters and Image Reports will be retained for this release **only** and in **read-only** form.

- Admin actions will be needed to ease further steps.
  - Links between V1 test jobs and V1 results will be lost.

- Production release will **DELETE ALL V1 DATA!**
  - Dashboard no longer accessible. All bundles, bundlestreams, filters and image reports will be dropped from the database.
  - Results, Queries and Charts provide V2 replacements.
  - All V1 **dispatcher** code will be removed.
  - All V1 **dashboard** code will be removed.

- Follow announcements on **lava-announce@lists.linaro.org**.
V1 Data DELETION

- Yes, we really do mean to DELETE ALL YOUR V1 DATA!
  - Permanently.
  - On every instance which deploys this or future LAVA versions.

- Not just hidden or inaccessible.
  - Admins will not be able to give you access.
  - LAVA software team will not be able to give you access.
  - Lab are planning a static read-only instance with no devices as an archive of the V1 data. Image Reports and Filters would not be modifiable.

- Follow announcements on lava-announce@lists.linaro.org.
Timeline

- Lab team need to complete some rack changes.
  - Isolation of fastboot support.
- Test Writers can use staging.validation.linaro.org for V2 debugging and development.
  - Using LXC instead of MultiNode will involve some changes to test definitions as well as test job submissions.
  - lava-test-case-attach usage needs to be ported to the Publishing API using https://archive.validation.linaro.org/ (Artifactorial).
- Lab team to manage balance of V1 and V2 devices
  - Encourage use of V2 at expense of V1 device support.
- V1 submissions to be disabled once V2 jobs available.
- Three months V2 data before V1 data is deleted.
- Follow announcements on lava-announce@lists.linaro.org.
Documentation & Help

- Help us with the documentation.
  - Use the Index, Contents and Glossary to find things.
  - File bugs if the documentation is unclear, incomplete, confusing or ambiguous.
  - Talk about your use-cases.

- Everyone here should be on lava-users@lists.linaro.org.
  - Help each other.
  - Use the list to create an archive of information to help others and provide easier ways to attach logs, definitions and scripts.
  - IRC will quickly become saturated with multiple discussions on different topics to different users and teams.

- Where there are bugs, we will arrange hot fix releases.
  - Except during Linaro release weeks.

- Develop your tests between release weeks!

- Follow announcements on lava-announce@lists.linaro.org.
LXC Android

- Working test job examples running on staging.
- Some test definition changes:
  - To upgrade adb, need to first stop adb daemon used to deploy the test images.
  - Report test results immediately instead of waiting for bundle aggregation step which will not happen.
    - Check test script support around calling lava-test-case
  - Replace calls to lava-test-case-attach with Publishing API
Juno secondary deployment

- Replaces master image support with user-specified system and tools.
- Deploy and Boot user-specified initial image
- Deploy secondary image to USB drive
- Reboot
- TFTP kernel, dtb and ramdisk
- Reboot using /dev/sda
Questions
Thank You

#BUD17

For further information: validation.linaro.org
BUD17 keynotes and videos on: connect.linaro.org