Iruya Release Planning

Please direct any questions
to info@opnfv.org

LINUX FOUNDATION
COLLABORATIVE PROJECTS

Introduction

- There are several issues influencing the Iruya release
  - Decrease in the installer base leaves many projects without an installer, or a means to execute CI, and requires OPNFV to reconsider how CI is implemented
  - In particular, installer status impacts the Dovetail project, which supports OVP, which has been identified by the Board as a critical priority for OPNFV.
  - The community is eager for an improved release process that better supports CI/CD and individual project releases
  - The CNTT initiative announced at ONS offers an opportunity for OPNFV to play a critical role in VNF validation. However, input from GSMA required to get started may not be available for months.
  - ONAP may not be ready for another DDF event until March 2020 due to changes to their release cadence.

Decrease in installer base

- After the Hunter release, only one installer will remain.
- It's too risky to base OPNFV on a single vendor-specific installer.
- XCI seems to be a viable option to move forward
  - 2+ years of development
  - Already used by several OPNFV projects
  - Vendor neutral
  - Enables support for GSMA profiles using a single foundation
- If not XCI, what are the options?
  - Supporting multiple CI flavors risks reproducing issues we've had in the past and complicates support for GSMA profiles.
- Consolidating support for XCI will focus and drive developer support
- The TSC must provide direction for the community for the Iruya release.

OVP and the Dovetail project

- The Dovetail project supports OVP, which has been identified by the Board as a critical objective for OPNF, and is central to the CNTT initiative announced at ONS.
- Dovetail has relied on OPNFV installers for self-validation during development, as part of CI.
- Like many other OPNFV projects, Dovetail requires a new CI framework, including a means to conduct self-validation.
- Using the same CI used as the basis for implementation of GSMA profiles seems to make sense.

New release process

- Just over a year ago, the TSC approved a set of goals and principles for a CD release process.
- Approval and adoption of the new process will take time.
- See separate presentation for details of the new process.

CNTT Initiative

- The Common NFVi Telco Taskforce (CNTT) was announced at ONS.
- CNTT includes 10 international telecom companies with a goal of establishing common NFVi, based on a small number of profiles.
- OPNFV and OVP are central to the workflow envisioned by CNTT
- The CNTT will establish a project within OPNFV to coordinate with GSMA and to implement the GSMA profiles.
- Ideally, the GSMA profile implementation will be part of the Iruya release; however, the input from GSMA may not occur until the 3rd quarter.
- Does this argue for extending the release cadence for the Iruya release?

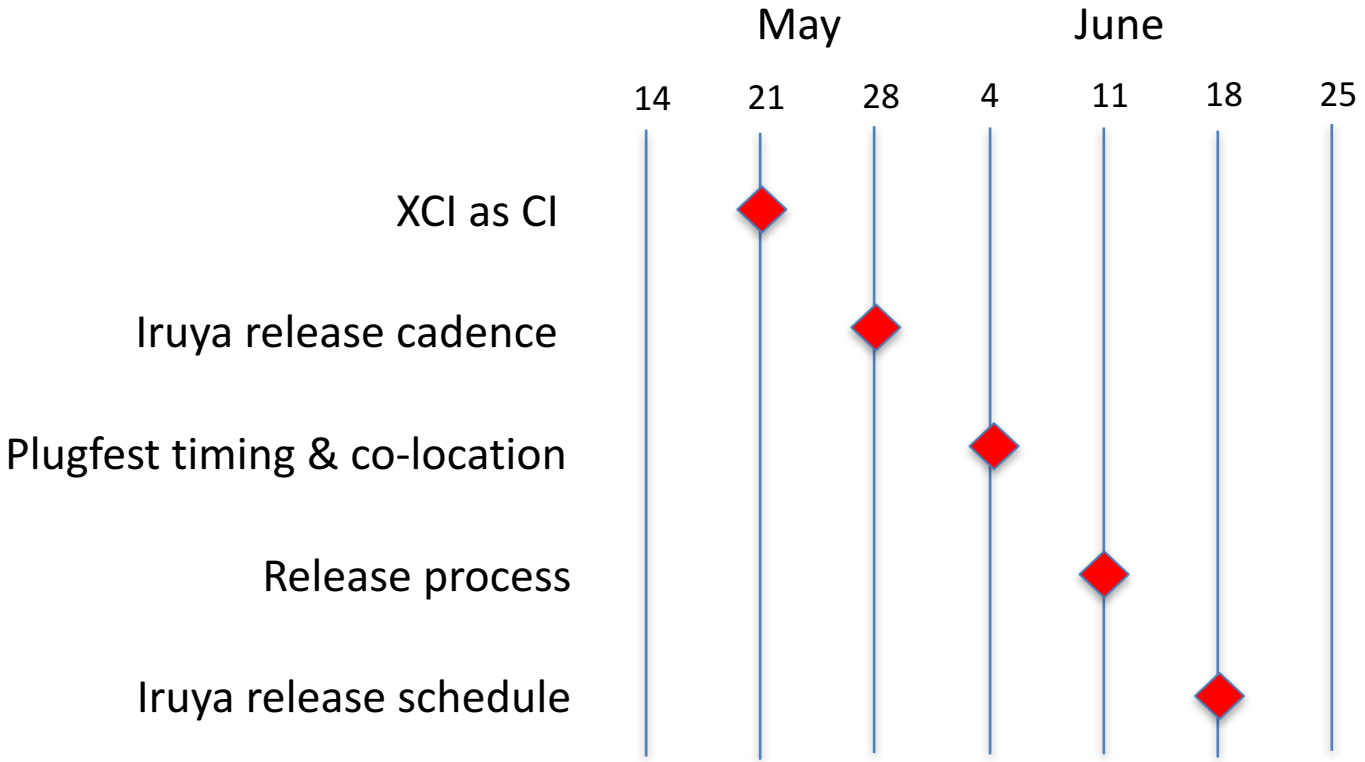
Changes to ONAP release cadence

- This will affect the upcoming release cycle
- ONAP will likely not be ready for a DDF until March, 2020 (this is speculative and unofficial)
- Does the OPNFV TSC wish to conduct another co-located DDF + Plugfest at that time?
  - May be convenient if the Iruya release is pushed out to accommodate implementation of GSMA profiles
  - If the TSC wishes to keep the usual 6 month cadence, then an OPNFV-only event could be planned for late 2019.

Summary of TSC decision points

1. XCI as CI platform for OPNFV
   - If not, need an alternative immediately
2. Iruya release cadence
   - Additional time to accommodate GSMA profile implementation, or stay with traditional cadence
3. Timing of next OPNFV Plugfest and co-location with ONAP
4. Release process
5. Iruya schedule

Plan for a plan



Questions?

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