ONAP

OPEN NETWORK AUTOMATION PLATFORM

Proposal for Beijing Calendar & Development Best Practices

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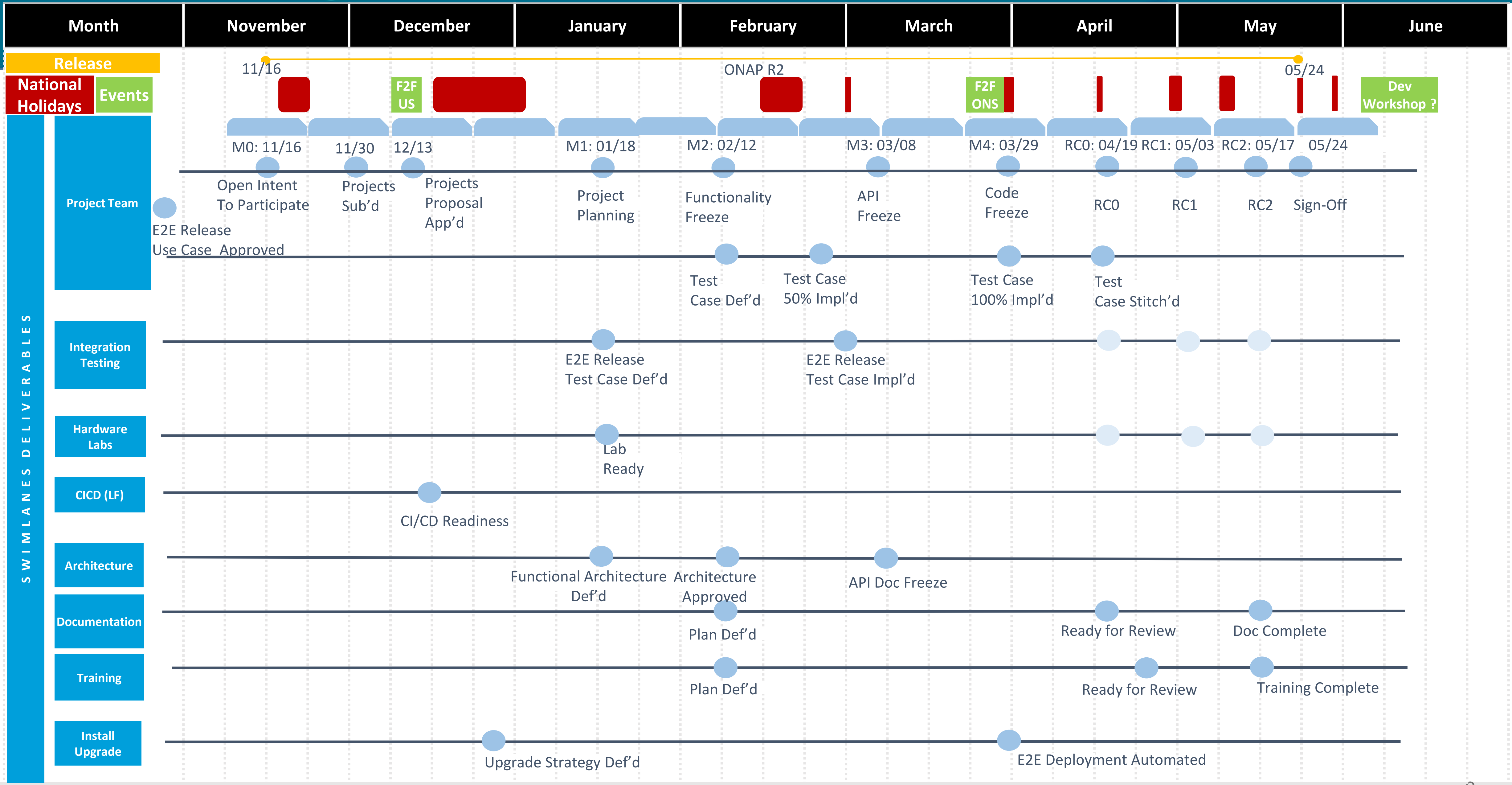
Agenda

- Beijing Release Calendar
- Changes on Milestones
- Branch Cut
- Code Coverage and CSIT goals
- Commit Process and Code Review
- Jira

ONAP Beijing Release Calendar (TSC Approved)



Month | November | December | January | February | March | April | May | June

Release

National Holidays

Events

11/16

ONAP R2

05/24

F2F US

F2F ONS

Dev Workshop ?

SWIMLANES DELIVERABLES

Project Team

M0: 11/16 – Open Intent To Participate

11/30 – Projects Sub'd

12/13 – Projects Proposal App'd

M1: 01/18 – Project Planning

M2: 02/12 – Functionality Freeze

M3: 03/08 – API Freeze

M4: 03/29 – Code Freeze

RC0: 04/19 – RC0

RC1: 05/03 – RC1

RC2: 05/17 – RC2

05/24 – Sign-Off

E2E Release Use Case Approved

Test Case Def'd

Test Case 50% Impl'd

Test Case 100% Impl'd

Test Case Stitch'd

Integration Testing

E2E Release Test Case Def'd

E2E Release Test Case Impl'd

Hardware Labs

Lab Ready

CICD (LF)

CI/CD Readiness

Architecture

Functional Architecture Def'd

Architecture Approved

API Doc Freeze

Documentation

Plan Def'd

Ready for Review

Doc Complete

Training

Plan Def'd

Ready for Review

Training Complete

Install Upgrade

Upgrade Strategy Def'd

E2E Deployment Automated

Changes: Milestones

- M1 Project Planning
  - Project Planning available for review by Jan 8. We want to give time to review the plans.
  - Security goals: Specify what CII badging level the project expects to meet?
  - Platform Maturity: Specify the target to meet?
- M1 Labs Readiness
  - Labs should be ready at same time as release planning
  - Integration Team will permanently test the whole solution

Changes: Milestones

- M2 Functionality Freeze
  - Architecture is approved

Changes: Milestones

- M4-RC0: Code Freeze-Release Candidate 0
  - 3 weeks instead of 2
  - **Week 1**:
    - Project Teams gather to perform their pairwise testing and fix bug.
    - Teams are self-organized and may take any opportunity at any time during development cycle to pairwise.
  - **Week 2 and 3**:
    - Project Teams “Show & Tell” to Integration the outcome of their testing.
    - Project Teams may need to re-iterate as bugs are found.
    - This is orchestrated by Integration.

Branch Cut

- RC0-Sign-Off: Branch Cut
  - When shall we cut the Branch?
    - Or when shall we decide to cut the branch?
  - LF creates Branch and update Jenkins Jobs (consistent across all projects)

- At Sign-Off:
  - LF tags release artifacts (consistent across all projects)
  - PTL bumps the version Digits

Code Coverage and CSIT

- In Amsterdam, 30% code coverage for all repo. Goal for Beijing: 50%
  - For discussion

- In Amsterdam: Team were empowered to define their CSIT suite.
  - What approach for Beijing?
  - How much more?

Note: LF infra to support Python

Commit Process and Code Review

- Commit Process
  - No Self Commit allowed for committers
  - 36 Business Hours. To clarify:
    - To provide feedback. Once feedback is provided the timer is set to 0
    - To respect the effort of the contributor
    - Deferring review: PTL sets a note in Gerrit on the reasons the defer merge.
  - Commit body must document the rationale on the changes: that will help the reviewer and your change to get code through quickly
- Code Review
  - Anyone can review code and provide -1,0,+1
  - Only Committers can provide -2,+2
  - PTL can delegate Code Review to anyone they trust

Jira

- Make the following fields mandatory:
  - Affects Version/s: Project version(s) for which the issue is (or was) manifesting
  - Fix Version/s: Project version(s) for the issue to be fixed
- PTLs are in the driving seat:
  - PTL can change bugs priority
  - PTL decides what go into the Sprint
  - PTL decides on Fix Version
  - PTL can remove items from a Sprint
- As a reporter, do not add a bug in the Current Sprint.
  - If a bug is critical, place it on the top of the Product Backlog (you can also kindly email the PTL)

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谢谢