OPNFV Releases and Scenario Editions

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Background and Objectives

• OPNFV test components and features at system level
  • This is a unique value OPNFV provides to component/feature developers, who can typically only run unit tests

• OPNFV scenarios provide rapid feedback to developers

• The faster the results of a scenario become available, the higher the value to a component developer
  • Providing system-level test-results quickly to (upstream) developers, allows for more rapid innovation and increases the relevancy of OPNFV to developers of components

• Accommodate for the fact that not all scenarios are created equal (some are complex, some are simple)
Approach: Scenario editions

• Per scenario schedules
  • Not all scenarios are of the same complexity: Allow for per scenario schedules; allow scenarios to define their own schedule

• Scenario editions:
  • Frequently (once per month) make completed scenarios available (i.e. publish results of deployment and testing)
  • Scenario schedules work in parallel to macro OPNFV release schedule
  • Completed scenarios that choose to do so fold into the next OPNFV release
Per Scenario milestones

- **Feature complete**: All features for a scenario are code complete. Unit tests are successful.
- **Installation ready**: Features and components for a scenario can be deployed using one of the installers. Integration into at least one of the installers is complete.
- **Test ready**: Test infra and Test cases for system level testing of features available and code complete.
- **Integration ready**: Combination of components in scenarios work “as designed”
- **Release ready**: Test runs complete, documentation ready etc.
6 months release cadence for OPNFV

Monthly editions of completed scenarios;
Scenarios that are available in time for a release can choose to participate in the release.

Scenario does not participate in OPNFV release

Scenario participates in OPNFV release

OPNFV and Scenarios Releases

OPNFV Release

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OPNFV Release