Pharos Home

Project: OPNFV Lab Infrastructure

The Pharos Project deals with developing an OPNFV lab infrastructure that is geographically and technically diverse. This will greatly assist in developing a highly robust and stable OPNFV platform. Community labs are hosted by individual companies and there is also an OPNFV lab hosted by the Linux Foundation that has controlled access for key development and production activities. The Pharos Specification defines a "compliant" deployment and test environment. Pharos is responsible for defining lab capabilities, developing management/usage policies and process; and a support plan for reliable access to project and release resources. Community labs are provided as a service by companies and are not controlled by Pharos however our goal is to provide easy visibility of all lab capabilities and their usage at all-times.

Pharos project proposal: Opnfv Testbed Infrastructure

Project Overview

INFO (source from pharos)

- Project: Testbed infrastructure (Pharos)
- Project Creation Date: January 8, 2015
- Project Category: Integration & Testing
- Lifecycle State: Mature
- Primary Contact: Jack Morgan <jack@jento.io>
- Project Lead: Jack Morgan <jack@jento.io>
- Jira Project Name: Testbed infrastructure project
- Jira Project Prefix: PHAROS
- Mailing list tag: [pharos]
- IRC: Server:freenode.net Channel:#opnfv-pharos
- Repository: pharos

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Link to TSC approval of the project: http://meetbot.opnfv.org/meetings/opnfv-meeting/
Link(s) to approval of additional committers:
http://lists.opnfv.org/pipermail/opnfv-tech-discuss/2016-May/010567.html
Via email, RT Ticket: 23593

Pharos Documentation

- Pharos Introduction on OPNFV webpage
- Introductory video on the OPNFV Pharos Project
- Pharos specification
- Configuration guide

Release Planning

Brahmaputra
Pharos specification (defines Pharos compliance)
Pharos Projects - LaaS and Dashboard

Colorado

- Pharos specification (added ARM support and updates [PHAROS-144])
- OPNFV installation instructions [DOCS-154])
- Pharos Projects - LaaS and Dashboard

Danube Release
Jerma Release

Pharos Projects

- **Lab As A Service** - This effort will provide projects with an easy way of getting started with OPNFV
  - Dashboard - Development Dashboard, Monitoring and Automation Framework for Pharos Community lab to handle requests for resources from the OPNFV community at large.
- **Validator** - Create a tool for the evaluation of OPNFV Community labs for Pharos compliance
- **Tealbox**

Community Labs

Labs are hosted by the Linux Foundation and Community organizations.

- Status of Community labs
- CI status [https://build.opnfv.org/ci/](https://build.opnfv.org/ci/)
- Lab Infrastructure support process - Infra Lab Support