

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](#)

Lab Infrastructure support process - [Infra Lab Support](#)

Key Project Facts

INFO (source from pharos)

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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

Committers:

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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
https://lists.opnfv.org/pipermail/opnfv-tsc/2018-February/004105.html
Via email, RT Ticket: 23593
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Pharos Documentation

- [Pharos Introduction on OPNFV webpage](#)
 - [Introductory video on the OPNFV Pharos Project](#)
 - [Pharos specification](#)
 - [Configuration guide](#)
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Release Artifacts and Planning

Brahmaputra

- Pharos specification (defines Pharos compliance)
- Lab infrastructure (tools for management and testing)
- Lab management (process and support)

Colorado

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

Danube Release

- POD Descriptor file ([TBD](#))

Euphrates Release

- tbd
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Pharos Projects

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

Labs are hosted by the Linux Foundation and Community organizations.

- Status of [Community labs](#)
 - CI status <https://build.opnfv.org/ci/>
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