



Pharos Project Information

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OPNFV

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INTRODUCTION

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.

A requirement of Pharos labs is to provide *bare-metal* for development, deployment and testing. This is resource intensive from a hardware and support perspective while providing remote access can also be very challenging due to corporate IT policies. Achieving a consistent *look and feel* of a federated lab infrastructure continues to be an objective. Virtual environments are also useful and provided by some labs. Jira is currently used for tracking lab operational issues as well as for Pharos project activities.

Future lab capabilities are currently focused on:

1. Automatic resource provisioning
2. Dashboards (for capability and usage)
3. *Virtual Labs* for developer on-boarding

PROJECT COMMUNICATION

- [Pharos page](#)
- [Pharos project Wiki](#)
- [Pharos Planning](#)
- [Pharos Jira](#)
- [Bi-weekly Pharos meeting](#)
- [Weekly INFRA WG meeting](#)
- [Weekly coordination meeting for Test related projects](#)
- [IRC: freenode.net #opnfv-pharos](#)
- [Mailing List: use opnfv-tech-discuss and tag your emails with \[Pharos\] in the subject for filtering](#)

PROJECT RELEASE ARTIFACTS

- Project Repository
- Continuous Integration
- Documentation

PHAROS LAB PROCESS

- Process for requesting lab access and support <https://wiki.opnfv.org/display/pharos/Pharos+RIs+B+Support>
- Pharos Lab Governance and Policies <https://wiki.opnfv.org/display/pharos/Pharos+Policies>
- Status of Community labs <https://wiki.opnfv.org/display/pharos/#PharosHome-Overview>

CURRENT LABS

An interactive map of OPNFV lab locations, lab owners and other lab information is maintained on the [Pharos Wiki](#)

#	Hosted by	Home page	Location
1	Linux Foundation	https://wiki.opnfv.org/display/pharos/Lflab+Hosting	Portland, Oregon
2	Spirent	https://wiki.opnfv.org/display/pharos/Spirentvctlab	Nephoscale, CA
3	China Mobile	https://wiki.opnfv.org/display/pharos/Lab2+Chinamobile+Hosting	Beijing, China
4	Dell	https://wiki.opnfv.org/display/pharos/Dell+Hosting	Santa Clara, CA
5	Enea	https://wiki.opnfv.org/display/pharos/Enea-pharos-lab	Kista, Sweden
6	Ericsson	https://wiki.opnfv.org/display/pharos/Ericsson+Hosting+and+Request+P	Montreal, Canada
7	Huawei	https://wiki.opnfv.org/display/pharos/Lab4+Huawei	Xi an, China
8	Huawei	https://wiki.opnfv.org/display/pharos/Huawei+Sc+Hosting	Santa Clara, CA
9	Intel	https://wiki.opnfv.org/display/pharos/Intel+Hosting	Hillsboro, Oregon
10	Orange	https://wiki.opnfv.org/display/pharos/Opnfv-orange	Lannion, France
11	Orange	https://wiki.opnfv.org/display/pharos/Opnfv-orange	Paris, France
12	ZTE	https://wiki.opnfv.org/display/pharos/ZTE+SH+Testlab	Shanghai, China
13	Okinawa Open Lab	https://wiki.opnfv.org/display/pharos/OOL+TestLab	Okinawa

PHAROS PROJECT KEY FACTS

Key Project Facts are maintained in the Pharos INFO file in the project repo

- Can be viewed on the project [wiki INFO](#)
- Project key facts in [repo INFO](#)