



**None**

***Release arno.2015.1.0 (410a311)***

**OPNFV**

February 24, 2016



## CONTENTS

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Project Communication</b>	<b>3</b>
<b>3</b>	<b>Project Release Artifacts</b>	<b>5</b>
<b>4</b>	<b>Pharos Lab Process</b>	<b>7</b>
<b>5</b>	<b>Current Labs</b>	<b>9</b>
<b>6</b>	<b>Pharos project Key Facts</b>	<b>11</b>



## 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 focussed on 1) Deployment automation 2) Dashboards (for capability and usage) 3) *Virtual Labs* for developer on-boarding.

- Pharos page: <https://www.opnfv.org/developers/pharos>
- Pharos project Wiki: <https://wiki.opnfv.org/pharos>
- [Pharos Planning](#)



## PROJECT COMMUNICATION

- Jira
- Weekly Pharos meeting
- Weekly coordination meeting for Test related projects
- IRC: freenode.net #opnfv-pharos <http://webchat.freenode.net/?channels=opnfv-pharos>
- Mailing List: use opnfv-tech-discuss and tag your emails with [Pharos] in the subject for filtering





## PROJECT RELEASE ARTIFACTS

- Project Repository: <https://gerrit.opnfv.org/gerrit/#/q/pharos>
- Continuous Integration <https://build.opnfv.org/ci/view/pharos/>
- Documentation: <http://artifacts.opnfv.org/pharos/docs/>



## PHAROS LAB PROCESS

- Process for requesting lab access and support [https://wiki.opnfv.org/pharos\\_rls\\_b\\_support](https://wiki.opnfv.org/pharos_rls_b_support)
- Pharos Lab Governance and Policies [https://wiki.opnfv.org/pharos\\_policies](https://wiki.opnfv.org/pharos_policies)
- Status of Community labs [https://wiki.opnfv.org/pharos\\_rls\\_b\\_labs](https://wiki.opnfv.org/pharos_rls_b_labs)



## 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	<a href="https://wiki.opnfv.org/get_start">https://wiki.opnfv.org/get_start</a>	Portland, Oregon
2	Spirent	<a href="https://wiki.opnfv.org/pharos/spirent">https://wiki.opnfv.org/pharos/spirent</a>	Naples, CA
3	China Mobile	<a href="https://wiki.opnfv.org/lab2_chi">https://wiki.opnfv.org/lab2_chi</a>	Beijing, China
4	Dell	<a href="https://wiki.opnfv.org/dell_hos">https://wiki.opnfv.org/dell_hos</a>	Santa Clara, CA
5	Enea	<a href="https://wiki.opnfv.org/enea-pharos-lab">https://wiki.opnfv.org/enea-pharos-lab</a>	Kista, Sweden
6	Ericsson	<a href="https://wiki.opnfv.org/get_start">https://wiki.opnfv.org/get_start</a>	Montreal, Canada
7	Huawei	<a href="https://wiki.opnfv.org/lab4_hua">https://wiki.opnfv.org/lab4_hua</a>	Xian, China
8	Huawei	<a href="https://wiki.opnfv.org/get_start">https://wiki.opnfv.org/get_start</a>	Santa Clara, CA
9	Intel	<a href="https://wiki.opnfv.org/get_start">https://wiki.opnfv.org/get_start</a>	Hillsboro, Oregon
10	Orange	<a href="https://wiki.opnfv.org/opnfv-orange">https://wiki.opnfv.org/opnfv-orange</a>	Lannion, France
11	Orange	<a href="https://wiki.opnfv.org/opnfv-orange">https://wiki.opnfv.org/opnfv-orange</a>	Paris, France
12	ZTE	<a href="https://wiki.opnfv.org/zte-nj-testlab">https://wiki.opnfv.org/zte-nj-testlab</a>	Nan Jing, China



## PHAROS PROJECT KEY FACTS

### Key Project Facts are maintained in the Pharos INFO file

- Project: Testbed infrastructure (Pharos)
- Project Creation Date: January 8, 2015
- Project Category: Integration & Testing
- Lifecycle State: Mature
- Primary Contact: Trevor <trevor.cooper@intel.com>
- Project Lead: Trevor <trevor.cooper@intel.com>
- Jira Project Name: Testbed infrastructure Project
- Jira Project Prefix: PHAROS
- Mailing list tag: [pharos]
- IRC: Server:freenode.net Channel:#opnfv-pharos
- Repository: pharos
- Committers:
  - Trevor Cooper<trevor.cooper@intel.com>
  - Fu Qiao <fuqiao@chinamobile.com>
  - Sheng-ann Yu <sheng-ann.yu@ericsson.com>
  - Wenjing Chu <Wenjing\_Chu@DELL.com>
  - Chris Donley <C.Donley@cablelabs.com>
  - Morgan Richomme <morgan.richomme@orange.com>
  - Erica Johnson <erica.johnson@iol.unh.edu>
  - Hui Deng <denghui@chinamobile.com>
  - Prabu Kuppuswamy <prabu.kuppuswamy@spirent.com>
  - Sean Chen <s.chen@huawei.com>
  - Saikrishna M Kotha <saikrishna.kotha@xilinx.com>
  - Eugene Yu <yuyijun@huawei.com>

Revision:

Build date: February 24, 2016

Revision:

Build date: February 24, 2016