OPNFV project setup and general information

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Project Setup

Setup your Linux Foundation account

- The very first thing you need to do is create a Linux Foundation account that you will use for all the tools provided by the Linux Foundation. You also need this account to contribute to OPNFV projects.

- Creating a Linux Foundation account: https://identity.linuxfoundation.org/user/

- Contributors have to sign the contributor agreement and LF needs to add them to the project. Add your contributor agreement at https://gerrit.opnfv.org/gerrit/#/settings/agreements and ask LF via opnfv-helpdesk@rt.linuxfoundation.org to be added to the project.

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Git and Gerrit

- Email opnfv-helpdesk@rt.linuxfoundation.org and make sure that the repository for your project is setup.

- Ask the help desk to also push the LICENSE file and the INFO file with all the committers names are pushed to gerrit. – note: your wiki page will pull info from the INFO file, provide the list of committers in your email to the helpdesk.

- **Bonus** ask the Linux foundation to give the project committers and contributors the correct gerrit permissions.

- Make sure you detail the project alias that will be used to identify your project in gerrit [open_vswitch_for_nfv] might be too long.

- Also ask opnfv-helpdesk@rt.linuxfoundation.org to make your email topic tag your project alias.

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Wiki Page

- Main wiki page: https://wiki.opnfv.org/

- Setup your project wiki and make sure that the main wiki page points to it under approved OPNFV projects

- Easiest way to do this is to add your page to the table, save your changes (it will appear in red – then click on it and create the page).

Approved OPNFV Projects

(See the project wiki page template)

Requirements	Integration & Testing	Collaborative Development	Documentation
Fault Management (Doctor)	Continuous Integration (Octopus)	Software Fastpath Service Quality Metrics	OPNFV Documentation
Virtualized Infrastructure Deployment Policies (Copper)	Bootstrap/Get-started (BGS)	ONOS Framework (ONOSFW)	
Resource Management (Promise)	IPv6-enabled OPNFV	Moon Security Management Module	
High Availability for OPNFV (Availability)	Characterize vSwitch Performance for Telco NFV Use Cases	Service Function Chaining (sfc)	
Data Plane Acceleration (DPACC)	OPNFV System Configuration And Reporting (OSCAR)	NFV Hypervisors-kvm	
OpenStack based VNF Forwarding Graph	Testbed infrastructure (Pharos)		
Data Collection for Failure Prediction (Prediction)	Base system functionality testing (FuncTest)		
Resource Scheduler (RS)	Platform Performance Benchmarking (Qtip)		
Model Oriented Virtualization Interface (Movie)	Deployment Template Translation (Parser)		
Multi-Site Virtualized Infrastructure (Multisite)	Infrastructure verification (Yardstick)		
Smooth Upgrade (Escalator)	Juju OPNFV Infrastructure Deployer (JOID)		
Audit (Inspector)	Release Engineering (Releng)		
	Apex OPNFV installer		
	Compass OPNFV installer		
	Fuel based OPNFV installer		

Wiki Page cont.

- Follow existing project wiki layout.

- Wiki page should include:

  – A link to the project proposal

  – Key project facts (pulled from the INFO file).

  – A contributor list

  – A link to the meeting wiki.

  – A link to your project gerrit repo.

Meeting information

- Your meeting details must be added to: https://wiki.opnfv.org/meetings?s[]=meetings

Characterize vSwitch Performance for Telco NFV Use Cases (VSPERF) Project Team Meeting

- Weekly On Wednesday ⊕ 1500 UTC
- Chaired by Mike Lynch
- IRC channel: #opnfv-vswitchperf
- ⊕ https://global.gotomeeting.com/join/761901733
- See VSPERF for more details on IRC channel and meeting minutes

- Your meeting wiki must include an info section with the meeting details.

- If you would like to use IRC for your meeting setup an IRC channel on freenode.net and ask the Linux Foundation to add the meetbot to take meeting minutes.

Characterize vSwitch Performance for Telco NFV Use Cases: Team Meetings

Info

- Weekly Meeting Every Wednesday 09:00 PT (⊕ 1600) UTC
- GoToMeeting: ⊕ https://global.gotomeeting.com/join/761901733
- IRC:
  - freenode ⊕ https://freenode.net/
  - IRC channel: #opnfv-vswitchperf ⊕ http://webchat.freenode.net/?channels=opnfv-vswitchperf
  - MeetBot: ⊕ http://meetbot.opnfv.org/meetings/opnfv-vswitchperf/2015/

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JIRA

- Planning on using JIRA? You will need it if you are using git/gerrit.

- Email opnfv-helpdesk@rt.linuxfoundation.org to setup the JIRA project.

- Include your committer/contributor list and project alias in the email.

Project governance

- TSC charter https://www.opnfv.org/developers/technical-project-governance/tsc-charter
  - Strongly recommend reading this and in particular the LF bylaws on contributor promotions…
- Coding guidelines https://wiki.opnfv.org/developer/contribution_guidelines

General Info

OPNFV Tools

- Etherpad: a real time collaborative document editing tool
  - Link to list of Etherpads: https://gist.github.com/Aricg/fc50638076db783d3630
  - Link to the Etherpad entry page: https://etherpad.opnfv.org/

- IRC + Meetbot
  - MeetBot is a plugin to the IRC bot supybot to facilitate taking of notes during IRC meetings.
  - Documentation available at http://ci.openstack.org/meetbot.html)
  - MEETBOT LINK
  - Creating meeting minutes with meetbot https://wiki.opnfv.org/wiki/meetbot

- Gerrit and Git
  - Access Git repositories, review, and comment on the OPNFV code base.
  - GERRIT LINK
  - Getting started with your account, Gerrit & Git
  - Cloning a Repo and setting up gerrit: see section below

OPNFV Tools Cont.

- Wiki
  - This Wiki contains all of the developer level information for OPNFV.
  - [WIKI LINK](#)
- Jenkins
  - Continuous integration tool for OPNFV.
  - [JENKINS LINK](#)
- JIRA
  - Submit and track bugs related to OPNFV.
  - [JIRA LINK](#)
- Trello
  - **TODO**
- Issues/Questions: opnfv-helpdesk@rt.linuxfoundation.org

OPNFV Mailing lists

- **Technical Discuss**: This list is for general technical discussion about OPNFV. It's open to anyone to join (opnfv-tech-discuss@lists.opnfv.org)

- **Technical Steering Committee**: The TSC list is for the Technical Steering Committee members to discuss topics for the TSC. It's open to anyone to join the list and participate but should only be for topics relevant to the TSC. For general technical discussions, please use the general Technical Discuss mailing list (opnfv-tsc@lists.opnfv.org)

- **Marketing Committee MEMBERS ONLY**: If you're a member and interested in participating in the marketing committee, please subscribe to the list and your subscription request will be confirmed shortly (opnfv-marketing-committee@lists.opnfv.org)

Developer Resource page

- https://wiki.opnfv.org/developer
- Covers:
  - Understanding OPNFV Projects and Roles
  - Getting Setup with OPNFV Tools
  - Building, hacking and testing patches
  - Jenkins
  - Tips and Tricks
  - Coding Guidelines

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Resources

- Project ABC's: https://wiki.opnfv.org/developer/projects_abc

- Getting started with your account, Gerrit & Git

- List of OPNFV Developer tools: https://www.opnfv.org/developers/tools

- OPNFV Tools Training