



OPNFV Release Note for the Brahmaputra release of OPNFV SFC

Release draft (571fe50)

OPNFV

June 20, 2016

CONTENTS

1	License	1
2	Abstract	3
3	Important notes	5
4	Summary	7
5	Release Data	9
5.1	Version change	9
5.2	Reason for version	9
5.3	Deliverables	10
6	Known Limitations, Issues and Workarounds	11
6.1	System Limitations	11
6.2	Known issues	11
6.3	Workarounds	11
7	Test results	13
8	References	15
8.1	OPNFV	15
8.2	OpenStack	15
8.3	OpenDaylight	15

**CHAPTER
ONE**

LICENSE

This work is licensed under a Creative Commons Attribution 4.0 International License. ..
<http://creativecommons.org/licenses/by/4.0> .. (c) Brady Johnson (Ericsson Inc.) and others

ABSTRACT

This document compiles the release notes for the Brahmaputra release of OPNFV SFC.

IMPORTANT NOTES

These notes provide release information for the use of SFC with the Fuel and Apex installer tools for the Brahmaputra release of OPNFV.

SUMMARY

The goal of the SFC Brahmaputra release is to integrate the OpenDaylight SFC project into an OPNFV environment, with either the Fuel or Apex installer. In subsequent releases, other OPNFV installers will be considered.

More information about OpenDaylight and SFC can be found here.

- [OpenDaylight](#) version “Beryllium”
- [Service function chaining](#)
- Documentation built by Jenkins
 - overall OPNFV documentation
 - Design document
 - this document (release notes)

RELEASE DATA

Project	sfc
Repo/tag	brahmaputra.1.0
Release designation	Brahmaputra base release
Release date	February 25 2016
Purpose of the delivery	Brahmaputra base release

5.1 Version change

5.1.1 Module version changes

This is the first tracked release of OPNFV sfc. It is based on following upstream versions:

- OpenStack Liberty release
- OpenDaylight Beryllium release
- Open vSwitch

5.1.2 Document changes

This is the first tracked version of OPNFV SFC. It comes with the following documentation:

- Design document
- Release notes (This document)

5.2 Reason for version

5.2.1 Feature additions

JIRA TICKETS:

New features ‘<https://jira.opnfv.org/issues/?filter=11002>‘

5.2.2 Bug corrections

JIRA TICKETS:

Bug-fixes ‘<https://jira.opnfv.org/browse/FUEL-99?filter=11001>‘

5.3 Deliverables

5.3.1 Software deliverables

No specific deliverables are created, as SFC is included with Apex and Fuel.

5.3.2 Documentation deliverables

- Design document
- Release notes (This document)

KNOWN LIMITATIONS, ISSUES AND WORKAROUNDS

OpenDaylight SFC relies on a version of Open vSwitch (OVS) with Network Service Headers (NSH). A version of OVS with NSH currently exists, but it is in a private branch. Extensive upstream work has been done to merge the NSH patches into mainstream OVS, but the work is still not complete. More information about this can be found in the OPNFV SFC design document.

6.1 System Limitations

No limitations beyond those in Fuel and Apex have been identified.

6.2 Known issues

JIRA TICKETS:

Known issues '<https://jira.opnfv.org/browse/SFC-27>'

6.3 Workarounds

TEST RESULTS

The Brahmaputra release of SFC has only undergone QA test runs with the Fuel installer and basic Yardstick tests, nothing SFC specific.

REFERENCES

For more information on the OPNFV Brahmaputra release, please see:

8.1 OPNFV

1. [OPNFV Home Page](#)
2. [OPNFV documentation- and software downloads](#)
3. [OPNFV Brahmaputra release](#)

8.2 OpenStack

4. [OpenStack Liberty Release artifacts](#)
5. [OpenStack documentation](#)

8.3 OpenDaylight

6. [OpenDaylight artifacts](#)
Authors Brady Johnson (brady.allen.johnson@ericsson.com)
Version 1.0.0