

Target system requirements

Release: OPNFV Brahma Putra

This document lists requirements for the target system that an installer creates. Different from the requirements document on user-experience, this document focuses on the key hardware and software components the different deployment tools install and/or configure.

Hardware components

Software components

Minimum base Operating System distribution supported:

GENESIS-4: Installers support either Centos 7 or Ubuntu 14.04 as target system base OS

Components/features installed for OpenStack:

GENESIS-53: OpenStack Heat should be installed.

Minimum base OpenStack distribution supported:

GENESIS-7: Installers must support OpenStack Liberty release

SDN Controller:

GENESIS-6: Installers support OpenDaylight Lithium Release

GENESIS-49: Installers support for ONOSFW

VM Controller:

Hypervisor:

GENESIS-8: KVM Support

GENESIS-50: nfv-kvm installation requirement Virtual forwarder: =====

GENESIS-46: SFC support

The SFC project needs a version of OVS that supports Network Service Headers (NSH). The required end-system state for the B-release will be an official OVS patch that Intel is preparing that will provide full OVS 2.4 support. This official OVS patch is not available yet. Until this official patch is available, there is a patch available in a private branch that we will have to use during the life cycle of the B release. This private OVS branch does not support all of the OVS 2.4 features. The private OVS branch can be obtained as follows:
git clone <https://github.com/priteshk/ovs.git> git checkout nsh-v8

Installer Documentation:

GENESIS-34 <<https://jira.opnfv.org/browse/GENESIS-34>>: Installers should provide a user guide

GENESIS-35 <<https://jira.opnfv.org/browse/GENESIS-35>>: Installers should provide release notes for an OPNFV release as part of the documentation provided