

# OPNFV Release Note for the Arno release of OPNFV when using Foreman as a deployment tool

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## Abstract

This document provides the release notes for Arno release with the Foreman/QuickStack deployment toolchain.

## License

All Foreman/QuickStack and "common" entities are protected by the Apache License (<http://www.apache.org/licenses/>)

## Version history

Date	Ver.	Author	Comment
2015-04-16	0.1.0	Tim Rozet	First draft

2015-06-02	0.1.1	Chris Price	Minor Edits
2015-06-03	0.1.2	Tim Rozet	Minor Edits

## Important notes

This is the initial OPNFV Arno release that implements the deploy stage of the OPNFV CI pipeline.

Carefully follow the installation-instructions which guide a user on how to deploy OPNFV using Foreman/QuickStack installer.

## Summary

Arno release with the Foreman/QuickStack deployment toolchain will establish an OPNFV target system on a Pharos compliant lab infrastructure. The current definition of an OPNFV target system is and OpenStack Juno version combined with OpenDaylight version: Helium. The system is deployed with OpenStack High Availability (HA) for most OpenStack services. OpenDaylight is deployed in non-HA form as HA is not available for Arno release. Ceph storage is used as Cinder backend, and is the only supported storage for Arno. Ceph is setup as 3 OSDs and 3 Monitors, one OSD+Mon per Controller node.

- Documentation is built by Jenkins
- .iso image is built by Jenkins
- Jenkins deploys an Arno release with the Foreman/QuickStack deployment toolchain baremetal, which includes 3 control+network nodes, and 2 compute nodes.

## Release Data

<b>Project</b>	genesis
<b>Repo/tag</b>	genesis/arno.2015.1.0
<b>Release designation</b>	arno.2015.1.0
<b>Release date</b>	2015-06-04
<b>Purpose of the delivery</b>	OPNFV Arno release

## Version change

### *Module version changes*

This is the first tracked version of the Arno release with the Foreman/QuickStack deployment toolchain. It is based on following upstream versions:

- OpenStack (Juno release)
- OpenDaylight Helium-SR3
- CentOS 7

### *Document version changes*

This is the first tracked version of Arno release with the Foreman/QuickStack deployment toolchain. The following documentation is provided with this release:

- OPNFV Installation instructions for the Arno release with the Foreman/QuickStack deployment toolchain - ver. 1.0.0
- OPNFV Release Notes for the Arno release with the Foreman/QuickStack deployment toolchain - ver. 1.0.0 (this document)

## Feature additions

JIRA REFERENCE	SLOGAN
JIRA: BGS-4	OPNFV base system install using Foreman/Quickstack.

## Bug corrections

JIRA TICKETS:

JIRA REFERENCE	SLOGAN
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## Deliverables

### Software deliverables

[Foreman/QuickStack@OPNFV](#) .iso file deploy.sh - Automatically deploys Target OPNFV System to Bare Metal

### Documentation deliverables

- OPNFV Installation instructions for the Arno release with the Foreman/QuickStack deployment toolchain - ver. 1.0.0
- OPNFV Release Notes for the Arno release with the Foreman/QuickStack deployment toolchain - ver. 1.0.0 (this document)

## Known Limitations, Issues and Workarounds

### System Limitations

**Max number of blades:** 1 Foreman/QuickStack master, 3 Controllers, 20 Compute blades

**Min number of blades:** 1 Foreman/QuickStack master, 1 Controller, 1 Compute blade

**Storage:** Ceph is the only supported storage configuration.

**Min master requirements:** At least 2048 MB of RAM

### Known issues

JIRA TICKETS:

JIRA REFERENCE	SLOGAN
JIRA: BGS-13	bridge br-ex is not auto configured by puppet

### Workarounds

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## Test Result

The Arno release with the Foreman/QuickStack deployment toolchain has undergone QA test runs with the following results:

TEST-SUITE	Results:
-	-

## References

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

<http://wiki.opnfv.org/release/arno>

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### Documentation tracking

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