



Infoblox IPAM Driver for Docker Release Notes

INTRODUCTION

Infoblox IPAM Driver for Docker is a Docker Engine managed libnetwork driver that interfaces with the Infoblox DDI product to provide IP address management services for Docker containers. Docker libnetwork is a robust Container Network Model that provides a consistent programming interface and the required network abstractions for applications.

SYSTEM REQUIREMENTS

This section lists the system requirements for Infoblox IPAM Driver for Docker version 1.1:

- Docker version: 17.06.0-ce
- Ubuntu version: 16.04
- NIOS version: 8.2.x, 8.1.x, 8.0.x, 7.3.x, 7.2.x, 7.1.x

FEATURES

Release 1.1

This release provides the following features:

- A tool in the infoblox/docker-ipam-tools Docker image for configuring cloud extensible attributes in NIOS.
- Support for Docker Engine managed plugin system: the lifecycle of the Infoblox IPAM Driver for Docker version is now managed by Docker.
- Support for Docker Swarm Mode with networks supporting MACVLAN driver.
- Addition of the certified Infoblox IPAM image to Docker Store.

Release 1.0.1

No new features.

Release 1.0.0

Infoblox IPAM Driver for Docker version 1.0.0 provides the following features:

- IPv4 subnet creation, update and deletion
- IPv4 address allocation and deallocation
- Creation and deletion of IPAM network containers
- Creation and deletion of tagged networks

INSTALLATION AND CONFIGURATION

See the following links for details on installation, configuration, and usage of the Infoblox IPAM Driver for Docker:

- <https://github.com/infobloxopen/docker-infoblox/blob/master/README.md>

You can also visit the Infoblox Support site to download the *Infoblox IPAM Driver for Docker User's Guide* that includes installation, configuration, and usage instructions.



Infoblox IPAM Driver for Docker Release Notes

KNOWN ISSUES

The following issues exist in this release of the Infoblox IPAM Driver for Docker:

- Infoblox IPAM Driver for Docker does not currently provide Container ID to NIOS. As a result, the **VM ID** and **VM Name** attributes are displayed as "N/A" in NIOS. In addition, the number displayed in the **Networks** column in the **Cloud -> VMs** tab of Grid Manager represents the total number of networks to which all **VM Names = N/A** are attached.
- In the swarm mode, if the Docker network is created without specifying a gateway address, Infoblox IPAM Driver for Docker creates a new gateway address for each host. If a gateway address is specified while creating the network, then the Driver uses that address as the gateway on all the nodes.
- After removing all service containers from a Docker swarm network, the network persists in NIOS.