PRODUCT BRIEF

FAST FACTS

Company:
Infoblox

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Company Description

The unprecedented growth in devices is placing tremendous strain on traditional IP address management (IPAM) and Dynamic Host Configuration Protocol (DHCP) systems. Infoblox enables next-level network experiences with its Secure Cloud-Managed Network Services. As the pioneer in empowering the world's most reliable, secure and automated networks, Infoblox is relentless in its pursuit of network simplicity. A recognized industry leader in network services, Infoblox has 50 percent market share comprising 8,000 customers, including 350 of the Fortune 500.

Product Profile

The Infoblox IPAM Plugin for Red Hat OpenStack Platform provides a single-point comprehensive view of the entire OpenStack network, offering complete network security and control to manage multiple networks seamlessly. This plugin automates the processes of providing an IP address to a newly created virtual machine, updating DNS and configuring network devices quickly and efficiently.

Overview

Centrally and easily view, manage and control DNS, DHCP and IP address management services in all network deployments using the Infoblox IPAM Plugin for Red Hat OpenStack Platform.

Executive Summary

Infoblox provides a DNS, DHCP, and IPAM (DDI) containerized adapter for Red Hat OpenStack Platform, enabling a customizable, centralized and granular view of all IPAM, DNS, and DHCP data. Gain a single-point comprehensive perspective of the entire OpenStack network combined with network security and control, thus allowing seamless management of multiple networks and resources within OpenStack.

Statement from Partner

"Organizations, and especially service providers, continue to look to Infoblox to support them with their network virtualization efforts, and demand for Red Hat OpenStack platform is high," said Dilip Pillaipakam, vice president of service provider products at Infoblox. *"This latest certification for Red Hat OpenStack Platform 13 enables our DDI platform to support our customers with operational simplicity, making it easier to deliver a secure and reliable connection to their end users and subscribers, while reducing network operating expenses."*

Statement from Red Hat Connect

"Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner," said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. *"Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like Infoblox., resulting in the world's largest open, and commercially supportable application ecosystem.*

Red Hat TECHNOLOGY PARTNER

Red Hat CERTIFIED TECHNOLOGY

Product Benefits

The Infoblox IPAM Plugin for Red Hat OpenStack provides a single-point comprehensive view of the entire OpenStack network and offers complete network security and control. With Infoblox, organizations can:

- Automatically create DNS and DHCP fixed address records when new host instances are created
- Automatically reclaim IP addresses and DNS names from decommissioned instances
- Gain a centralized view of all IPAM, DNS, and DHCP data for the *Red Hat OpenStack Platform* environ-ment, along with VMware, Microsoft, and other cloud and physical environments
- Enjoy full visibility into IP addresses, DNS, and DHCP record creation/deletion and DHCP lease history for auditing, compliance tracking, and reporting
- Use Infoblox Grid Members to easily deliver DNS and DHCP services to virtual machines in individual *Red Hat OpenStack Platform* tenants
- Support non-overlapping and overlapping IP address spaces, including fixed IP addresses in private and shared networks and floating IP addresses in external/public networks

Use Cases

With the Infoblox IPAM Plugin for Red Hat OpenStack Platform, organizations can seamlessly automate and centralize all aspects of IP address provisioning and reliable DHCP server management with DNS through an integrated platform enabling organizations to confidently handle the most challenging IPAM and DHCP require-ments in every type of network environment, data center, and hybrid cloud environment.

- Provision systems in minutes, instead of days, with automated IP address provisioning for cloud infrastructure and services by enabling automatic IP allocation and deallocation as VMs are spun up and shut down
- Simplify troubleshooting and reduce downtime with real-time visibility into physical and virtualized network infrastructure
- Manage movement between VM clusters easily with synchronization of critical DNS, DHCP, and IP address services

Click Here to Download the Infoblox IPAM Plugin for Red Hat OpenStack Platform

For sales inquiries, email: info@infoblox.com or go to www.infoblox.com/company/contact

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