



Key Features

- Infoblox DDI virtual appliance option using Amazon Machine Images (AMI)
- A single-pane-of-glass view of your network address space
- External or internal DNS deployment options
- Faster DNS for Amazon Web Services (AWS) applications
- Fault tolerance with support for disaster recover
- One-touch software upgrades
- Full integration with Infoblox DDI in public or hybrid clouds

Enterprise-grade DDI as a Virtual Appliance on Amazon Web Services

Infoblox DDI for AWS provides enterprise-grade DNS, DHCP, and IP address management (IPAM) as a virtual appliance on AWS. It is fully integrated with the Infoblox Grid™ and can be deployed as a vNIOS or Cloud Platform appliance.

The AMI option has all of the benefits of distributed service and centralized management, including support for a full suite of core network services—DNS, IPAM, FTP, TFTP, and HTTP protocol servers.

Optional Infoblox ActiveTrust is supported, and provides malware protection—including optional integration with other security vendors—to help prevent DNS-based malware callbacks to known bad domains and domains tied to zero-day threats.

Reduced Rack Space, Power, and Cooling Requirements by Leveraging the Public Cloud

Infoblox Virtual Appliance Software for AWS runs on resources as part of the public cloud, saving equipment rack space and reducing power and cooling costs, enabling organizations to lower their total cost of ownership and build an environment-friendly infrastructure.

Increased Resilience and Availability

Infoblox Virtual Appliance Software for AWS has all of the redundancy, high availability, access-control, and disaster-recovery features of Infoblox hardware appliances. Users gain all of the proven reliability and uptime benefits of an Infoblox solution while taking advantage of the cost benefits of AWS cloud offerings. With a single authoritative IPAM database across physical and virtual appliances, all networking address data and interactions for all appliances in the Grid are in a single place, current and available.

Local Survivability at the Branch Office

Infoblox Virtual Appliance Software for AWS provides an easy and cost-effective alternative to deploying hardware appliances at branch offices while still providing highly available DNS and DHCP services.

Expanding the Power of Infoblox DDI with Virtualized Infrastructure

Automate IPAM for AWS EC2 Virtual Resources

In a virtualized environment, servers are created, moved, and shut down frequently, increasing IT workload for configuring and managing IP assignments and DNS records. Infoblox DNS and IPAM solutions provide management automation to reduce administrative effort and eliminate human errors that can cause application availability problems.



Benefits

- Improve AWS application support with faster and more reliable DNS
- Ensure DNS and IPAM consistency across AWS and traditional networks
- Save power and protect the environment by reducing the number of servers and appliances
- Reduce TCO by decreasing hardware, power, cooling, and real-estate costs
- Deploy easily using your standard virtualization practices
- Combine physical appliance and multiple virtual appliance options into a single deployment
- Increase performance and reliability with deployment options for DDI for Hybrid Cloud, DDI for Fault Tolerance, or DDI for Full Public Cloud

Improve IPAM Visibility and Control for Public Cloud Instances

Infoblox IPAM provides advanced network discovery (including virtual resources), network and IP mapping, and advanced filtering through innovative features such as Smart Folders. An easy-to-use graphical user interface provides template-based configuration, automated error prevention, and real-time visibility for monitoring and reporting. In addition, visibility is now extended from traditional networks to hybrid cloud deployments.

Delegate DDI Tasks to Relevant Owners

Infoblox Virtual Appliance Software for AWS provides secure role-based administration and auditing capabilities to allow effective delegation of responsibilities in a virtualized environment. With Infoblox IPAM tools, the network team can collaborate effectively with server and datacenter teams across traditional and virtual resources.

Trending, Reporting, and Analysis

Infoblox Reporting leverages our unique platform for real-time views and management of DNS, DHCP, IPAM, and network services security to provide longterm reporting, trending, and tracking. Integrated with our Grid technology, Infoblox Reporting and Analytics enhances real-time management of networks and network services through an extensive, customizable, and historical reporting engine. Data from Virtual Appliance Software for AWS integrates with Infoblox Reporting and Analytics.

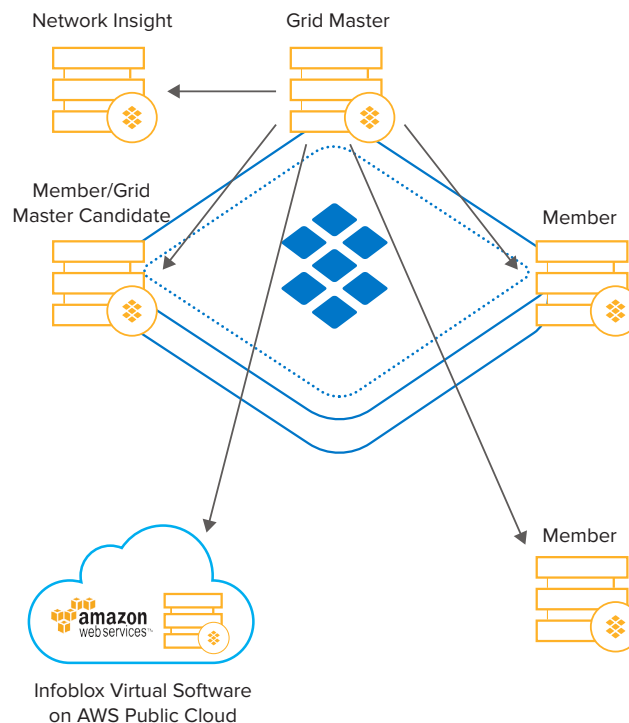


Figure 1: Example of Infoblox Virtual Appliance Software for AWS deployed in a hybrid-cloud environment.



Trinzic Enterprise Platform Options	Role	AWS Compute Size ¹	DNS QPS ²
Infoblox-TE-V825	Grid Member	r4.large	30,000
Infoblox-TE-V1425	Grid Master or Member	r3.xlarge/ r4.xlarge	75,000
Infoblox-TE-V2225	Grid Master or Member	r4.2xlarge	100,000

Cloud Platform Appliance Options	Role	AWS Compute Size ¹	DNS QPS ²	Recommended No. of VMs	VM Spin Up/Down/Minute
Infoblox-CP-V800	Grid Member	c4.large	4,000	1,000	10
Infoblox-CP-V1400	Grid Member	m3.xlarge	30,000	5,000	50
Infoblox-CP-V2200	Grid Member	m3.xlarge	143,000	20,000	200

1. If the recommended AWS Compute Size is not available, please select the next larger size.
2. The stated performance numbers were derived in an Infoblox test environment. Actual performance in live production environments may be different.

Contact Us for More Information

For more information about Infoblox Virtual Appliance Software for AWS, visit our website, or contact your Infoblox sales representative.

About Infoblox

Infoblox delivers critical network services that protect Domain Name System (DNS) infrastructure, automate cloud deployments, and increase the reliability of enterprise and service provider networks around the world. As the industry leader in DNS, DHCP, and IP address management, the category known as DDI, Infoblox (www.infoblox.com) reduces the risk and complexity of networking.