

Infoblox Virtual Appliance Software for VMware®

AUTOMATED DNS, DHCP AND IPAM (DDI) INFRASTRUCTURE

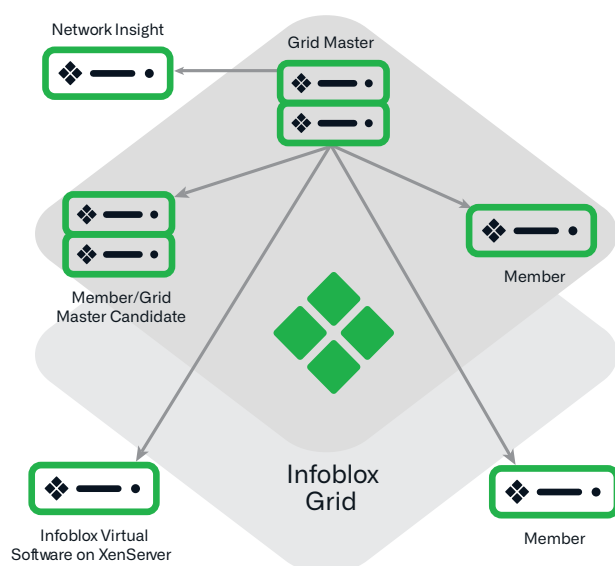
Infoblox Virtual Appliance Software for VMware leverages VMware virtualization technology, running Infoblox services and management features as a family of virtual appliances on VMware ESXi. It is fully integrated with the Infoblox Grid, and supports mixed physical and virtual appliance deployments.

Infoblox Virtual Software for VMware is a full-featured software instance of Infoblox DDI and offers a full suite of core network services— including DNS, DHCP, IPAM, FTP, TFTP, HTTP and NTP protocol servers. Infoblox Network Insight and Infoblox Reporting Virtual Software for VMware provide unprecedented data and views to help administrators better manage their networks, validate designs, effectively provision, troubleshoot and deliver network services.

In addition to supporting iSCSI SAN and Direct Attached Storage, Infoblox Virtual Appliance Software for VMware has also been certified to run on Fibre Channel Network Attached Storage, including hosting of the disk image and vMotion support benefiting datacenter virtualization and cloud deployments that prefer a virtual network services appliance deployment, using new or existing Fibre Channel infrastructure for storage.

SOLUTION HIGHLIGHTS

- Save power and environment by reducing the number of servers and appliances
- Lower TCO by saving hardware, power, cooling and real-estate costs
- Deploy easily using your standard virtualization practices
- Benefit from increased resilience and availability of VMware environments



Example of Infoblox Virtual Software for VMware deployed in an Infoblox Grid™

Reduced Rack Space, Power and Cooling Requirements in the Data Center

Infoblox Virtual Software for VMware runs on existing hardware, saving equipment rack space and reducing power and cooling costs, enabling organizations to lower their Total Cost of Ownership and build an environmentally friendly infrastructure.

Increased Resilience and Availability

Infoblox Virtual Software for VMware replicates all of the redundancy, high availability and disaster recovery features of Infoblox hardware appliances. Customers will gain all of the proven reliability and uptime benefits of an Infoblox solution while taking advantage of the cost advantages of VMware virtualization.

The virtual appliances can be deployed on a VMware server just like any other virtual machine instance with no additional steps required.

Local Survivability at the Branch Office

Infoblox Virtual Software for VMware provides an easy alternative to deploying hardware appliances at the branch office while still providing highly available DNS and DHCP services.

INFOBLOX VIRTUAL SOFTWARE IS KEY TO THE SUCCESS OF YOUR VIRTUALIZED INFRASTRUCTURE

Automate IPAM for Virtual Resources

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

Improve IPAM Visibility and Control

Infoblox Virtual Software for VMware 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 monitoring and reporting.

Delegate DDI Tasks to Relevant Owners

Infoblox Virtual Software for VMware provides secure role based administration and auditing capabilities to allow effective delegation of responsibilities in a virtualized environment. With Infoblox IPAM tools the network and the data center or server teams can effectively collaborate and work together more effectively.

Visibility of Infrastructure Device Data

Infoblox Network Insight virtual software for VMware integrates infrastructure device data with IP address management. The collection and correlation of this data provides unprecedented visibility to help administrators better manage their networks, validate designs, effectively provision, troubleshoot and deliver network services.

Long-Term Trending, Reporting and Analysis

Infoblox Reporting leverages our unique platform for real-time views and management of DNS, DHCP, IP Address Management (IPAM) and Network Services Security to provide long-term reporting, trending and tracking. Integrated with our Grid™ technology, Infoblox Reporting enhances real-time management of networks and network services through an extensive, customizable and historical reporting engine.

Centrally Manage your Entire DDI Infrastructure

Each instance of the Virtual Appliance software running on a VMware hypervisor appears to the Infoblox Grid™ as any other Grid™ member, with all of the benefits of distributed services and centralized management. This includes centralized backup and restoration of user data, DHCP failover capabilities, one-touch software upgrades, DNS without latency, and many other benefits of the Infoblox solution.

Platform	DNS QPS	DHCP Ips
Infoblox-TE-V100	1,500	15
Infoblox-TE-V810	4,000	60
Infoblox-TE-V820	15,000	105
Infoblox-TE-V1410	30,000	210
Infoblox-TE-V1420	50,000	300
Infoblox-TE-V2210	61,000	375
Infoblox-TE-V2220	143,000	600

Network Insight platforms on VMware ESXi	ND Consolidator (max IP Addresses)	ND Consolidator with ND Probes (max IP Addresses)
ND-V800	11,000	NA
ND-V1400	80,000	176,000
ND-V2200	180,000	360,000

Reporting platforms on VMware ESXi	Indexing Capacity
TR-V800	1 GB
TR-V800	2 GB
TR-V1400	5 GB



Infoblox unites networking and security to deliver unmatched performance and protection. Trusted by Fortune 100 companies and emerging innovators, we provide real-time visibility and control over who and what connects to your network, so your organization runs faster and stops threats earlier.

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