Infoblox DDI for Microsoft Azure

KEY FEATURES

- Industry-leading DNS, DHCP, and IP address management across Microsoft Azure

- Fully automated provisioning of DNS records for Azure workloads

- Integration with Microsoft Azure as well as Amazon Web Services, VMware, OpenStack, and traditional on-premises networks

- Automated discovery of virtual machines and virtual networks with Azure deployments

- Multiple deployment options for scale and high availability

- Flexible licensing for investment protection—license portability across Azure and public/private/hybrid clouds

Ensuring Consistent DNS and IP Address Management Across Cloud Networks

While organizations are utilizing an increasing number of workloads in the Microsoft Azure cloud to increase agility, reduce costs, and focus on core initiatives, most deployments are hybrid. These hybrid clouds often include traditional on-premises infrastructure in conjunction with Azure, Amazon Web Services (AWS), VMware, and/or OpenStack cloud technologies.

This hybrid environment causes issues due to the inability to consistently manage DNS, DHCP, and IP addresses (DDI) across a disparate environment. Furthermore, without single pane of glass management for core services in a public/private cloud, there is limited visibility of the virtual networks, IP addresses, and DNS records that are being assigned—and no correlation of common resources across platforms. Without intelligent network automation, delays will occur caused by multiple handoffs between the cloud, network, and security teams, trouble tickets will increase, and security gaps will increase. Infoblox DDI for Azure and Hybrid Cloud can help.

Industry-leading Azure and Hybrid Cloud DNS and IP Address Management

Infoblox has extended its industry-leading Actionable Network Intelligence solution for DNS, DHCP, and IP address management to Microsoft Azure and hybrid cloud deployments to help control, secure, and analyze next-generation data center (NGDC) and cloud environments. Fully integrated with our Infoblox Grid™ technology, our cloud solutions increase agility, ensure stability with consistent policies, and improve visibility of virtual resources and networks for traditional and hybrid cloud deployments.

By automating DNS provisioning as part of existing workflows, Infoblox eliminates the most common bottleneck of successful implementations and rollout of applications in cloud by eliminating unnecessary trouble tickets and manual processes. A single, unified reporting interface improves resource planning and reduces security risks. Benefits of the solution include:
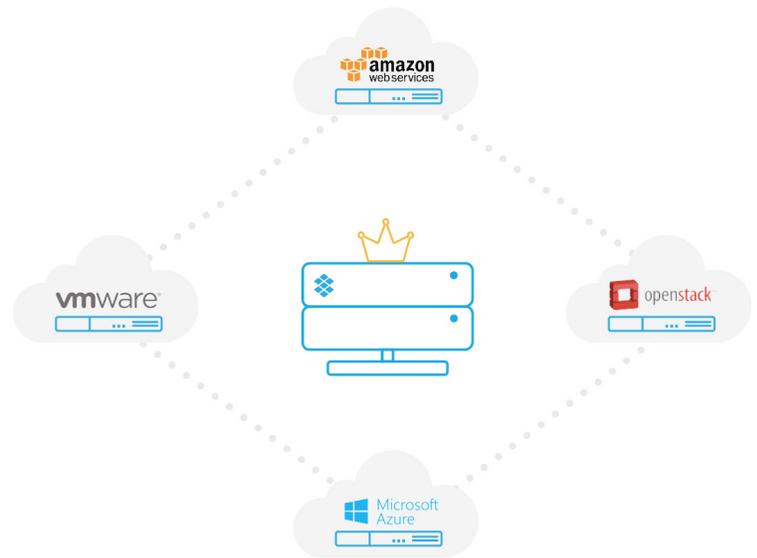
- **Automate network services in Azure and hybrid cloud to eliminate manual processes:** Automatically provision and de-provision DNS records to eliminate manual steps and ticket handoffs between teams. Leverage powerful integration with multiple platform, automation, and orchestration solutions to maximize agility. Customize based on individual needs to optimize hybrid cloud deployments via a single platform.

- **Track virtual resources to reduce blind spots:** Discover and track virtual machines and network components across disparate platforms and cloud environments with a unified console that consolidates different terms and naming conventions. Audit dynamic virtual resources with current and historical views to ensure compliance. Automatically document when a VM is destroyed, clean up the DNS record, and release the IP address to ensure information is correct and not out of date.

- **Control your multi-cloud environment to ensure stability and availability:** Empower individual departments by distributing authorization for provisioning while maintaining complete oversight as the hybrid cloud evolves. Analyze current and historical policy settings to ensure consistency and improve reliability and security. Leverage elastic scaling to add DDI capacity as your hybrid cloud grows and reduce upfront costs.

Why Infoblox

Infoblox provides the industry-leading solution with highly automated, elastic, and secure DNS, DHCP, and IP address management for traditional networks and public/hybrid cloud deployments. With Infoblox, IT administrators extend visibility into Azure resources in addition to multi-platform support for better security and audit capabilities for their virtualized and traditional network resources—all in a single, consolidated view. According to IDC, Infoblox is #1 with 50 percent market share in the DDI market. For more information about Infoblox DDI for Azure, visit our website, or contact your Infoblox sales representative.

Business Value

- Increases network control and agility with automated provisioning, de- provisioning, and modifications of DNS records for workloads in Azure and other cloud platforms

- Eliminates blind spots and incongruent views with extended and consolidated visibility across multiple cloud and on- premises environments

- Improves security and reliability by ensuring hybrid and multi-platform networks policies remain consistent and within compliance

- Empowers workload distribution to individual departments while maintaining complete oversight and control as your cloud evolves

- Delivers more secure architecture with purpose-built, hardened virtual appliance and optional DNS Firewall for security and malware detection