SOLUTION NOTE

INFOBLOX ECOSYSTEM

Break down silos, automate workflows and strengthen security posture

The Infoblox Ecosystem is a set of integrations that unifies your networking and security ecosystem, enabling seamless bidirectional data exchange, simplifying operations by automating workflows, enhancing threat detection and improving response capabilities across on-premises, hybrid and multi-cloud environments.

By automating critical network services and sharing early threat visibility, including authoritative IP addresses, and contextual network data—such as user and device attribution—with your existing networking and security tools, the integrations break down silos, improve operation efficiency and strengthen your entire IT security stack.

INFOBLOX ECOSYSTEM ARCHITECTURE

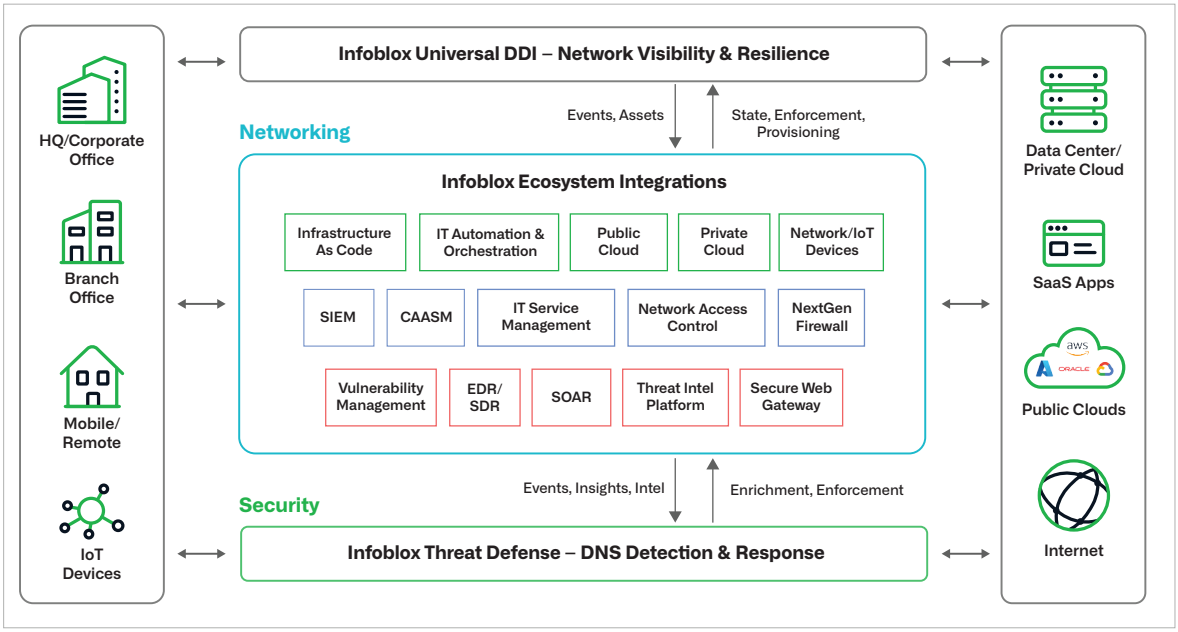

Figure 1: Infoblox ecosystem architecture

Whether you're using public/private clouds, IT Service Management, security information and event management (SIEM)/security orchestration, automation and response (SOAR) or other security tools, Infoblox ensures seamless integration to bolster your hybrid and multi-cloud environments. Explore our extensive range of **pre-built certified integrations** on Infoblox Ecosystem Portal designed to work seamlessly and unlock the full potential of your network and security solutions with Infoblox.

Benefits of Infoblox Ecosystem:

- **Reduced Risk of Security Breaches:** By breaking down silos and improving collaboration between networking and security tools, making it more difficult for attackers to exploit vulnerabilities.
- **Improved Operational Efficiency:** Automated workflows and reduced manual work leading to significant time savings and improved efficiency for IT teams.
- **Increased ROI:** By getting more value out of your existing networking and security tools, the Infoblox Ecosystem helps you maximize your IT investment.

Ecosystem Technology	Integration Overview	Benefits
Security Information and Event Management (SIEM)	• Infoblox sends correlated events from BloxOne Threat Defense SOC Insights, including information on IP addresses, infected devices and suspicious DNS requests, and responses to SIEM. • SecOps can use this incident information to perform analysis and take action.	• Reduces alert fatigue by delivering correlated SOC Insights directly to your SIEM • Provides consolidated visibility into device activity regardless of where log data was generated • Enriches context for more accurate prioritization of security events • Improves operational efficiency of SecOps and IT teams
Security orchestration, automation and response (SOAR)	• SOAR solution receives correlated events from BloxOne Threat Defense SOC Insights, including information on IP address, network devices and malicious events, and insights from Infoblox. • SOAR uses that information to block/unblock/check domain and check information about IP/host/network/domain in IP address management (IPAM). Infoblox automatically enriches IPAM with data from security tools and events.	• Provides comprehensive device and user context for highlighting risk and enriching SOAR playbooks • Automates and produces faster response with the full set of threat intelligence application programming interfaces (APIs) • Improves security processes by integrating with other systems via SOAR
Vulnerability Management (VM)	• Infoblox sends information on new network devices and malicious events to vulnerability management. • Vulnerability management uses that information to automatically trigger selective scans, enabling complete assets discovery, faster remediation and better compliance.	• Provides near-real-time visibility into new devices as they join the network • Automates and accelerates response to network changes and malicious events • Facilitates selective scanning based on assets

Ecosystem Technology	Integration Overview	Benefits
Threat Intelligence Platform (TIP)	• Infoblox Threat Intelligence Data Exchange (TIDE) automatically sends information on malicious hostnames, IP addresses and URLs to a TIP. • TIP enables blocking and monitoring of more threats.	• Fills gaps in protection, especially involving high-risk domains, Zero Day DNS ™, lookalike domains and more • Ensures consistent policy enforcement across all control points • Improves overall security posture
Network Access Control (NAC)	• Infoblox provides information on IP addresses, network devices and DNS security events. • NAC solutions can use that information to get context to better prioritize threats and take more immediate action (such as taking the device off the network) to shorten time to containment.	• Expands visibility into network infrastructure, users and devices • Provides vital context for threat prioritization • Enables timely action such as quarantining compromised devices
IT service management (ITSM) and Security Operations	• Infoblox automatically raises an IT ticket when new devices join the network or malicious events are detected, along with detailed device and user info. • Infoblox also provides this information to IT communications tools. Network and security administrators gain a consolidated view of all the device and event information Infoblox discovers.	• Provides at-a-glance dashboard views into devices and endpoints joining and leaving the network • Enables proactive identification of network issues to accelerate response to network changes and security events
Public Cloud	• Infoblox simplifies and provides centralized management of critical network services, DNS, DHCP and IP address management (DDI) in public/multi-cloud environments. • Built-in integrations with leading cloud providers, including Amazon Web Services (AWS), Microsoft Azure and Google Cloud Platform (GCP).	• Increases agility with automation of DNS records and IP addresses using pre-built integrations • Provides a holistic view of assets across public/multi-cloud networks and streamlines compliance • Allows to scale elastically and extend workloads to public clouds
Private Cloud	• Infoblox DDI for private cloud and virtualization simplifies and automates DNS, DHCP and IP address management services across multi-platform workloads, allowing to get the full value of your private cloud strategy.	• Boosts productivity and efficiency across private cloud and virtual workflows • Provides insight into virtual instances and streamlines compliance and auditing • Drives consistency essential to network security, efficiency and reliability

Ecosystem Technology	Integration Overview	Benefits
Infrastructure as Code (IaC)	• Infoblox plug-in for IaC platforms like Hashicorp Terraform, extends IPAM and DNS services to virtual private clouds (VPCs), virtual networks (VNETs) and virtual machines (VM) across cloud platforms.	• Optimizes network visibility, automation and control through built-in IPAM and DNS integrations • Boosts efficiency by offloading network responsibility and assignment from application developers • Continuously identifies assets across multiple platforms to streamline tracking and auditing
IT Automation and Orchestration	• Infoblox plug-in for automation and orchestration technologies from Ansible, OpenStack, Terraform, VMware and others simplifies and streamlines provisioning and deprovisioning of IP addresses to newly created VMs, update DNS records and release IP addresses in seconds instead of hours or days.	• Enables full automation and improves IT operational efficiency • Provides deep visibility into physical and virtual infrastructure, and accelerates troubleshooting • Reduces cost and time to complexity of deployments of virtual servers
Network/IoT Device Discovery	• Infoblox automates the discovery of network/IoT assets across third-party applications and synchronizes the data discovered, providing an authoritative database and unified view of network assets.	• Provides unprecedented visibility across complex network infrastructures • Increases agility by breaking down IT siloes • Reduces risk by identifying rogue devices faster

To learn more, please visit Infoblox Ecosystem Portal.

infoblox.

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.

Corporate Headquarters
2390 Mission College Blvd, Ste. 501
Santa Clara, CA 95054

+1.408.986.4000
www.infoblox.com

Version: 20240724v1