

SOLUTION NOTE

ELEVATE NETOPS AND SECOPS EFFICIENCY WITH INFOBLOX AUTOMATION

Achieve More in Less Time with Fewer Resources

THE CHALLENGE

Enterprises the world over face growing pressure to move faster and accomplish more with limited staffing, assets and funding. That imperative can be difficult to achieve when your networking and security operations are already stretched beyond capacity. Rising hybrid and multi-cloud adoption, multi-vendor DNS deployments, fast-evolving threats and ever-changing compliance mandates only add to the challenge. Additionally, the fragmented legacy solutions and error-prone manual processes used in many IT and security organizations often cause network conflicts, hinder productivity and increase risk, especially in mixed cloud environments.

Automation holds the key to achieving the network performance, protection and efficiency gains your enterprise demands while optimizing effort and overhead.

INFOBLOX AUTOMATION SOLUTIONS

Infoblox solutions streamline and automate the critical services that make modern networking possible—DNS, DHCP and IP address management (DDI). Our enterprise-grade DDI and comprehensive security capabilities enable networking and security to work together, empowering your technology staff to manage and defend complex on-premises and cloud environments with unprecedented levels of reliability, resiliency and cost control.

- **Networking.** Our unified DDI portfolio simplifies day-to-day operations of critical network services, reduces repetitive manual tasks and provides built-in integrations with popular automation and orchestration tools, including Terraform and Ansible, among others.
- **Security.** Infoblox Protective DNS solutions provide preemptive, foundational DNS-layer security, covering every user, device (traditional and IoT) and cloud workload, helping meet the most stringent cybersecurity recommendations and regulations.
- **Ecosystem integrations.** Our simple API integrations bring advanced DDI and DNS threat automation to your networking and security ecosystems. No manual configurations required.

OPTIMIZE NETWORKING AND SECURITY WITH INFOBLOX

- **Reduce manual effort** with a platform that centralizes and automates DDI services, including those running on systems from major DNS providers.
- **Gain comprehensive visibility and insight** into all IP allocations, DNS traffic and connected devices from a single, easy-to-use console.
- **Ensure business continuity** during outages with local DNS caching and automated failover.
- **Achieve hybrid and multi-cloud readiness** with seamless critical network services across all on-premises and cloud environments.
- **Detect and block common threats preemptively**, including ransomware and data exfiltration.
- **Streamline compliance** with granular logging and automated policy enforcement and reporting.

COLLECT THE SAVINGS HIDING IN YOUR OPERATIONS

Recover lost time and slash operational costs with the advanced automation capabilities of Infoblox networking and security solutions.

Networking Savings From DDI Automation		Security Savings From Protective DNS Automation	
Key Capabilities	Return on Investment ¹	Key Capabilities	Return on Investment ^{2,3}
Centralized and unified DDI that simplifies management, reduces errors and conflicts, enables comprehensive asset visibility and insight, and enhances network availability and uptime.	<ul style="list-style-type: none"> • \$3.6 million in time savings • 70% lower management time • 14,000 fewer network engineering hours • >\$222,000 savings from downtime prevention • \$400,000 in productivity gains 	Stopping pervasive threats before they cause harm while speeding incident response times, making the entire security ecosystem more effective and boosting SecOps productivity without additional headcount.	<ul style="list-style-type: none"> • 34% savings in SecOps effort • 1,897 hours in annual productivity savings • \$457,000 savings from preventing breaches • 47% less security-related downtime • 500 fewer security analyst hours
With Infoblox, your NetOps teams can: <ul style="list-style-type: none"> • Centrally manage and automate DNS services across physical, virtual and hybrid and multi-cloud environments at scale. • Automate DHCP and IP address management (IPAM) across the entire network to enhance efficiency and avoid IP address conflicts and outages. • Automate the discovery and analysis of assets to provide comprehensive visibility and insights across the entirety of the digital estate. • Enable automation through built-in IPAM and DNS integrations with network orchestration tools like Terraform and Ansible. 		With Infoblox, your SecOps teams can: <ul style="list-style-type: none"> • Detect and block threat activity at the DNS layer, disrupting the attack cycle at the initial step when a user or device tries to connect to a malicious destination. • Automatically mine massive amounts of DNS threat intelligence and asset data to correlate and prioritize actionable responses to threats. • Protect your organization's reputation and data with DNS threat intelligence that preemptively blocks threats before attacks are even deployed. • Enable real-time sharing of security event information with SIEMs, SOARs, vulnerability scanners and NGFWs. 	

CONCLUSION

Infoblox solutions simplify what it takes to scale networking and security operations and achieve more with less. Comprehensive Infoblox automation for critical network services and security empowers your enterprise to gain more productivity and value from limited resources. Our solutions save you valuable time, reduce manual effort and errors, and boost network availability while enabling you to reallocate NetOps and SecOps staff to higher-value tasks.

¹ Over a three-year period. Source: [The Total Economic Impact™ Of Infoblox DDI](#), Forrester Consulting, October 2023.

² Over a three-year period. Source: [The Total Economic Impact™ Of Infoblox Threat Defense™](#), Forrester Consulting, February 2021.

³ Some referenced statistics are data points gathered from Infoblox Threat Defense™ and SOC Insights customer interviews.



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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