The Compliance Dilemma

An ideal compliance solution should be proactive, automatic and help you stay on top of evolving policies and mandates. But let's face it, adhering to frequently shifting compliance requirements is a chore. Internal audit directives and external regulations, identifying and understanding risk, and protecting sensitive data—can be a major headache. Have you identified all the devices on your network, secured critical data, and ensured your network is configured correctly? Does everyone involved in the process understand what the rules and requirements are and how they translate to their daily responsibilities? Are teams properly prepared with the information and tools they need to solve problems?

More often than not, network and security teams resort to manual and tedious efforts to configure, test, check, and audit configuration requirements. And in many cases newly emerging threats to critical data are not guarded against. While the process can be nothing short of arduous, organizations must play ball and meet even the most stringent of industry standards or simply even their own organizational best practices and standards. Otherwise they can face negative legal, financial, and brand consequences.

Compliance Challenges

- Translating numerous, changing, and often vague requirements into specific configuration details
- Ensuring cross-silo’d team members have a consistent and clear understanding of the requirements and why they are important
- Verifying, enforcing, documenting, and remediating policy requirements is highly manual and time consuming
- Incomplete visibility of growing, diverse devices on the network, internal and in the cloud
- Constantly evolving approaches to data exfiltration risks leave your data at risk

Effectively Enforce IT Compliance Policies, Secure Your Data, and Ensure Your Business Can Pass Any Audit That Regulatory Agencies Throw at You

The Infoblox platform harnesses the power of actionable network intelligence to help drive compliance activities in an efficient manner. By automating controls, providing network and business context, making it easy to track and audit all applicable records, and protecting regulated data from being compromised, Infoblox helps organizations meet IT compliance mandates while improving overall security in the organization. With Actionable Network Intelligence, meeting compliance requirements stops being a task and becomes a reflex.
Infoblox Actionable Network Intelligence

Benefits

Compliance: Now with Autopilot
- Automatically assess and ensure compliance of network configurations
- Remediate violations in a flash
- Use automation capabilities to document, organize, and apply configuration control objectives
- Lock down networks until security scans are complete
- Automate definition and identification of in-scope network segments for more accurate and efficient control implementation

A Secret Service Agent for Your Data
- Complement and bolster your existing data loss prevention solutions
- Thwart even the most advanced DNS-based data exfiltration attempts
- Meet compliance requirements for regulated data such as personally identifiable information, financial data, and more
- Minimize sensitive data exposure

Better Visibility + Better Enforcement
- See more with a single source of truth for network and devices across the organization
- Extend your visibility to public and private cloud deployments
- Leverage pre-defined compliance reports and make audits simple and painless

Components Providing the Solution

Infoblox Products

Network Insight & IPAM
- Automatically discovers and provides visibility into every device that connects to the network
- Provides physical location of devices using connectivity information
- Provides network context through device identification and additional endpoint attributes (type of device, user, location etc.)
- Identifies and resolves conflicts in the IP address space

NetMRI
- Automatically assesses all network infrastructure changes against compliance requirements, alerts on deviations and triggers automatic remediation for violations
- Provides pre-packaged network configuration compliance requirements and best practices
- Current and historical reporting, and trending of network configuration compliance status over time
- Full network inventory reporting and alerts on newly discovered infrastructure

DNS Threat Insight
- Actively blocks DNS-based data exfiltration to help prevent exfiltration of in-scope data
- Provides visibility into infected devices

DNS Firewall and Cybersecurity Ecosystem
- Provides visibility into infected devices
- Integrations between Infoblox platform and vulnerability scanners trigger scanning of new devices when they come on the network, and when threats are detected
- Integrations with endpoint technologies facilitate quarantining of infected devices when malicious activity is detected

Reporting and Analytics
- Easily create activity reports for a variety of controls
- Archive data for reports to meet requirements for long-term retention

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.