

# Top 10 Reasons Why Your Network is More Secure with Infoblox



## 1. More Secure Hardware & OS vs. General Purpose Servers

Infoblox appliances are purpose built with tons of security already built-in. The appliances run a hardened Linux OS with no root access. There are no unnecessary physical or logical ports, no OS level user accounts, only admin accounts.

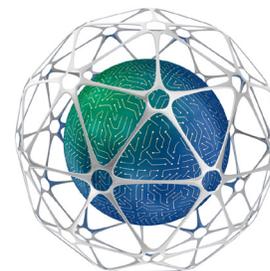


## 2. Common Criteria EAL-2 Certified

The Infoblox Trinzic DDI (DNS, DHCP, IP Address Management) is the ONLY DDI solution in the market that is Common Criteria EAL-2 Certified (<http://www.niap-cccev.org/st/vid10465/>) by NIAP (National Information Assurance Partnership). This means our hardware, software, source code management and even the physical perimeter security have been verified and certified secure by an independent 3rd party.

## 3. Multilayer DDoS Protection

Infoblox provides multilayered protection against even massive, botnet-driven Distributed Denial of Service (DDoS) attacks. On top of the highest capacity DNS solution on the planet, DNS protection includes intelligent DDOS detection, traffic rate limiting, Anycast capabilities to distribute load, and more.



## 4. One-Button DNSSEC Implementation

DNSSEC is the fix for one of the biggest vulnerabilities in the DNS protocol (called the Kaminski vulnerability). However, the deployment of DNSSEC can be very complicated. It involves Cryptography and Public Key Infrastructure (PKI) technology and zone signing. There are also frequent update procedures to refresh the cryptographic keys and signatures which are needed for true best practice deployment. Infoblox takes the hard work out of DNSSEC implementation and reduces it to just a click of a mouse. Infoblox DNS also takes care of ongoing maintenance of the keys and signed zones.

## 5. Infoblox DNS Firewall

Using our dominant position in DNS, Infoblox uses your existing Infoblox DNS implementation to protect against malware with our unique DNS Firewall technology. With DNS Firewall, you get a consolidated, live reputational feed of known malicious domains. You can block malware or user access to these bad domains, and get infected device information – enabling you to remediate potential malware in your organization.



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## 6. Protection against Man-in-the-Middle Attacks

Security throughout the Infoblox Grid™ prevents Man-in-the-Middle attacks via use of VPN, encrypted communications, HTTPS, separate management port, and more.

## 7. Multi-vendor Firewall Rule Provisioning

ACL changes in firewalls, switches and routers take significant time and resources. In addition, constant rule changes on various devices make it difficult for the organization to have a big picture view of security posture. With Infoblox Security Device Controller – you can provision ACL rules to multi-vendor devices from one GUI. This saves you time and money and makes you more secure.

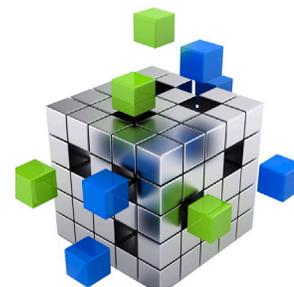


## 8. Two Factor Authentication

Infoblox appliances uniquely support CAC/PKI authentication (alongside with Microsoft Active Directory, or TACACS, or Radius), allowing your admins to have secure access to the Infoblox device. When the CAC smart card is removed, the GUI locks and no one can tamper with a configuration if the administrator walks away from an open console.

## 9. Very High Availability

The patented Infoblox Grid Architecture provides very high availability by design. Furthermore, Infoblox's security is not impacted by Operating System updates, database patches, and other server-related tasks. Once Infoblox issues a security fix, it can be immediately resolved by a live or scheduled code push.



## 10. Automatic Audits

Infoblox provides full logging of all administrative changes and reporting capabilities to ensure that you can audit security both externally and internally.

### About Infoblox

Infoblox (NYSE:BLOX) helps customers control their networks. Infoblox solutions help businesses automate complex network control functions to reduce costs and increase security and uptime. Our technology enables automatic discovery, real-time configuration and change management and compliance for network infrastructure, as well as critical network control functions such as DNS, DHCP and IP Address Management (IPAM) for applications and endpoint devices. Infoblox solutions help over 6,100 enterprises and service providers in 25 countries control their networks.