



## Your **Fourth Step** in Coordinated, **Defense-Oriented** approach to security

System hardening is a step by step process of securely configuring a system to protect it against unauthorized access, while taking steps to make the system more reliable. Generally anything that is done in the name of system hardening ensures that the system is both secure and reliable.

System hardening is necessary since "out of the box", some operating systems tend to be designed and installed primarily to be easy to use rather than secure. Most but not all systems can have security measures enabled that will make them suitable for high security and high reliability environments.

### Why Secure Bytes?

#### Knowledge and Expertise

- Secure Bytes staff has more than 150 years of accumulated Information Technology Network and Security experience.
- Secure Bytes security experts hold different security certifications, such as CISSP, CISM, CISA, CCIE & CCNP.
- Secure Bytes maintains a staff of multiple network engineers.
- Secure Bytes is Microsoft, Oracle and McAfee, Partner.

### How we Differ !

- Review existing server configuration
- Interview your IT staff for the purpose of identifying security requirements which may include:
  - o Access control
  - o Authentication and authorization
  - o Privacy
- Capture needs and uses for the application and services intended for the machine
- Design the operating system build, including procedures and handling recommendations
- Provide configuration information and document changes to build specification
- Implement the server according to build specification
- Test server implementation
- Run book documenting the "how to" sustain the hardened machine
- Deliver the Hardening Build Specification document

## System Hardening

In Secure Builds Service, Consultants will create customize system builds as per client's requirement or in accordance with industry best practices and guidelines.

### Following are some of the Hardening services offered by Secure Bytes:

- Linux System Hardening Service
- Router Hardening Service
- Unix Server Hardening Service
- Windows Desktop Hardening Service
- Windows Server Hardening Service

### Following are some of the Secure Builds services offered by Secure Bytes:

- Cisco Routers Secure Builds Service
- Linux System Secure Builds Service
- Unix Server Secure Builds Service
- Windows Desktop Secure Builds Service
- Windows Server Secure Builds Service

For further information:  
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## Service Benefits

- An organization can have more confidence in the integrity of their data.
- Performance improvements can be experienced since unnecessary services are removed and inefficiencies in system configuration are detected.
- If there is a system failure, organization can recover faster.
- The company's reputation is protected.
- Clients are happier as a result of fewer system failures or delays.
- To prevent lawsuits, organization may have a legal liability to secure the private information of their employees, customers or research subjects.