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Security firmware health check for System x

An evaluation of your firmware security updates and controls

Highlights

- Ensure that your organization is protected against dangerous industry-wide security vulnerabilities by the latest firmware
- Review your access policies related to user and group access to hardware interfaces
- Receive suggested actions and follow-on services for better protection in the future

The challenges

The 2014, the Heartbleed OpenSSL vulnerability affected firmware from many different companies and underscored the importance of keeping your firmware up to date. Understanding your organization's current security situation and identifying vulnerabilities is the first step toward protecting the confidentiality, integrity and availability of your critical data. However, IT security teams are often overloaded by the amount of work involved to secure their applications, operating systems and hypervisors. It can be easy to miss tasks when securing hardware management access and ensuring that the most up-to-date firmware is applied to keep pace with the latest industry security holes.

Our service

During the security firmware health check for System x® service engagement, an experienced System x Enterprise Solutions Services consultant will review potential vulnerabilities related to user access of your hardware management. The review includes your servers, network and SAN along with an analysis of your environment's code levels. After the review is complete, you will receive a detailed report that highlights your current system information, possible security weaknesses and suggestions to remedy any vulnerabilities. Optionally, you can elect to have a consultant fix the issues or provide skills transfer to your team, so they can implement the recommendations. If your team doesn't have time, another option is that the consultant can both execute the suggestions and provide training.

Meeting your firmware security requirements

The security firmware health check for System x service includes a detailed review of all of your firmware levels and credentials to determine risks and next steps. The service incorporates the following scope of work:

- Collection of firmware levels on all System x equipment
- Analysis of your firmware levels to determine security risks
- A review of the credentials on all System x equipment to determine if recommended practices are being followed
- Analysis of firmware credentials
- Development of a report that makes recommendations to improve security

The System x Enterprise Solutions Services team will help you track the latest fixes and vulnerabilities, and recommend policies based on our experience. Your IT staff does not have to take valuable time away from their responsibilities to research and investigate current firmware fixes and security practices. The consultant presents the changes you need to make so you can evaluate and act upon them efficiently.

Before the consultant arrives to perform the security firmware health check, you need to ensure that your servers are fully configured and operational, and that the consultant has access to your servers and data center environment. The service covers:

- Up to one fully populated rack of rack-mounted servers, or up to one fully populated Flex System™chassis
- Up to four network switches
- Up to two Fibre Channel switches

The security firmware health check takes three days per rack of servers (NeXtScale™ Systemand rack mounted) or per Flex System chassis. By taking advantage of the knowledge of the System x Enterprise Solutions Services team, you gain peace of mind that access to your hardware infrastructure is secure without the need to divert your own IT resources.

Why System x

System x is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. System x also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

For more information

To learn more about System x Enterprise Solution Services, please contact x86svcs@lenovo.com for the Americas, x86svcAP@lenovo.com for the Asia Pacific region, x86svcLA@lenovo.com for Latin America, or x86svcEP@lenovo.com for Europe, Middle East and Africa. We also invite you to join the System x Enterprise Solution Services LinkedIn Group at http://lnkd.in/esmzzb7

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