SYSTEM
SECURITY
BREACH
THREAT
HACKING
TECHNOLOGY

LAYER SEVEN SECURITY

Secure your SAP landscapes from cyber attack

Identify and remove cyber risks in SAP landscapes

Perform gap analysis against compliance frameworks

Implement best practices and SAP security recommendations

Secure SAP databases, operating systems and networks for defense in depth

Responding to the threat of cyber attack is one of the greatest challenges confronted by organizations today. The volume and sophistication of threats and the ability of intruders to bypass firewall, intrusion detection and other controls to target enterprise systems has led to a wave of data breaches involving the theft of customer information and intellectual property.

SAP vulnerability assessments deliver leading-edge protection against all forms of insider and outsider threats. They enable customers to implement defense in depth by hardening every layer in SAP landscapes and comply with the requirements of SOX, PCI DSS, GLBA and other frameworks. The layered control strategy supported by assessments is based on security best practices and SAP recommendations.

Assessments can discover critical security risks that expose your SAP landscapes to cyber attack. This includes configuration and other weaknesses not only in the technical components of SAP systems, but underlying technologies such as databases, operating systems and network firewalls and gateways.

Vulnerability assessments represent the most comprehensive, efficient and cost-effective option to secure SAP systems against cyber attack. The approach deployed by Layer Seven Security leverages powerful monitoring capabilities available within Solution Manager to enable customers to safeguard their SAP assets without licensing third party software.

The solution for your most urgent business need

Implement end-to-end security for the entire SAP technology stack

Review databases, operating systems and network components

Analyze gateway security files, trusted RFC connections and destinations with stored logon credentials

Identify remotely accessible function modules and Web services

Detect missing Kernel, ABAP and Java Security Notes

Vulnerability assessments provide the protection demanded by your organization to secure business-critical SAP systems and components from cyber attack. Our experienced security architects perform an end-to-end review of your landscapes against security best practices and SAP recommendations. The assessment includes the following areas:

Network design and segmentation	Critical authorizations and transactions
SAProuter and Web Dispatcher	Standard users and profiles
SNC and SSL encryption	Password security
Gateway security files	Single Sign-On
Message servers	Logging and monitoring
RFC destinations and users	OS and database configuration
Remote enabled function modules	System configuration management
Web services	Patch management

Transform the security baseline

Discover the business impact of cyber risks

Identify compliance gaps

Prioritize risks using the DREAD threat model

Leverage post-assessment support for issue remediation

Service deliverables include executive reports that summarize the findings and recommendations in business-friendly, non-technical terms and detailed reports that provide a comprehensive gap analysis against Layer Seven Security's SAP Cybersecurity Framework presented in the white paper *Protecting SAP Systems from Cyber Attack*.

Vulnerability assessments also deliver gap assessments for a wide range of compliance frameworks applicable to your organization including SOX, PCI DSS, GLBA and HIPAA, as well as detailed directions to close security gaps. The DREAD threat model is used to rate and prioritize cyber risks and illustrate the Damage Potential, Reproducibility, Exploitability, Affected Assets, and Discoverability of each finding.

Layer Seven Security provides post-assessment support to facilitate the implementation of security recommendations. Our approach is designed to expedite the resolution of vulnerabilities while minimizing the risk of service disruption. The combination of best practices and expertise provided by experienced security architects delivers a proven strategy to safeguard your SAP systems against cyber attack.

Minimize solution risk with fixed cost, scope and timeline

Manage risks through fixed cost, scope and timeline

Focus on your specific risks and concerns

Build defense in depth

Realize the potential of your SAP systems

Layer Seven Security leverage software accelerators and experienced SAP security architects to deliver services at a fixed cost, scope and timeline.

Vulnerability assessments are delivered on-site and remotely over a period between 2-4 weeks. On-site assessments are usually performed by a single resource to manage the impact on business and technical teams. Delivered services can be adjusted to focus upon risks within specific industries and lines of business.

Assessments are the most effective answer to the cybersecurity needs of your organization. The integrated approach is designed to provide the optimal level of protection for your SAP assets against cyber threats through defense in depth. This unique approach is designed to harden not only SAP components within your landscape, but crucial non-SAP technologies that impact the security of your SAP systems.

Vulnerability assessments transfer valuable security expertise to your internal resources and provide direction for unlocking the potential of SAP systems to apply and monitor robust security policies that prevent and detect potential cyber attacks.

The fixed cost, transparent scope and set timeline allows you to rapidly close security gaps in your SAP landscape and deliver the results demanded by your organization without resorting to costly third party security tools that are not supported by SAP. Assessments empower your organization to transform the SAP security baseline and drive your business with confidence.

LAYER SEVEN SECURITY

To discuss performing a vulnerability assessment to protect your SAP systems from cyber attack, contact 1-647-964-7370 or info@layersevensecurity.com

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Summary

SAP vulnerability assessments deliver leading-edge protection against all forms of insider and outsider cyber threats. Assessments enable customers to implement defense in depth by hardening every layer in SAP landscapes. The layered control strategy supported by Layer Seven Security is based on best practices and SAP security recommendations

Objectives

- Identify and remove cyber risks in SAP landscapes
- Secure SAP databases, operating systems and networks
- Implement best practices and SAP security recommendations
- Perform gap analysis against SOX, PCI DSS, GLBA and other compliance frameworks

Solution

- Implement end-to-end security for the entire SAP technology stack
- Discover the business impact of cyber risks
- Prioritize risks using the DREAD threat model
- Leverage post-assessment support to remediate vulnerabilities and implement recommendations

Benefits

- Transform your security baseline to protect SAP systems from cyber attack
- Manage risks through fixed cost, scope and timeline
- Focus on your specific risks and concerns
- Realize the potential of your SAP systems