Professional Services

VANGUARD
INTEGRITY PROFESSIONALS
CYBERSECURITY EXPERTS

The most effective way for organizations to reduce the cost of maintaining enterprise security and improve security postures is to automate and optimize information security. Vanguard Professional Services offers a wide range of z/OS security, cloud and enterprise services to enable security automation and optimization.

The Vanguard Professional Services team, the largest and most experienced group of z/OS security, cloud and enterprise experts in the industry, has a proven track record and 30 years of satisfied customers.

Key Services:

- The largest and most experienced group of cybersecurity experts in the industry.

- Team members average 30 years of cybersecurity experience.

- Team members provide knowledge transfer and training to internal security teams to ensure assets are protected.

Vanguard Professional Services Include:

- Penetration testing to detect system weaknesses and exposures.

- Security assessments to identify vulnerabilities and prioritize risk.

- Remediation services to reduce risk and ensure compliance.

- Implementations of applications and z/OS Security Server services to optimize security systems and procedures.

- Migrations to RACF from ACF2, Top Secret and DB2 to streamline security administration and increase protection.

- Customized training programs to enable organizations to implement and maintain secure and compliant mainframe systems.

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Vanguard Penetration Testing

Vanguard Penetration Testing helps organizations ensure their mainframe environments are protected from attack and in compliance with industry and regulatory standards. Through network and system scans, and full intrusion detection, Vanguard consultants determine the current security posture of a System z environment, including its defense-in-depth posture.

The process includes a rigorous review of security policies, procedures and configuration controls to identify gaps in security that could be exploited by internal and external attackers. By quickly identifying and prioritizing mainframe penetration risks, Vanguard consultants can determine if sufficient defenses are in place, offer remediation guidance, and recommend a plan and methodology for ongoing testing.

Vanguard Security Assessments

Vanguard's consultants rigorously evaluate the security conditions of z/OS, ACF2, RACF, UNIX, and Top Secret to identify mainframe vulnerabili-ties, determine whether security best practices are implemented and evaluate the potential impact of findings on an organization's security operations.

Vanguard Security Assessments are based on current industry standards and proven best practices, and are designed to identify high-risk vulnerabilities that could be exploited. Customers receive an actionable report that includes details on the findings, severity ranking of each finding, instructions for remediating problems and meeting recent mega security breaches.

Vanguard Remediation Services

Remediation projects resolve risks that are detected by assessments and audits Vanguard Professional Services team members apply their deep knowledge of System z security to quickly remedy security vulnerabilities and compliance risks.

Remediation's are customized to each organization's needs and range from minor adjustments to extensive corrections of systems, policies and procedures. Throughout the process, Vanguard's experts transfer knowledge to an organization's internal security staff about how and why changes were made and what is required to keep systems secure.

Vanguard Security Implementation Services

The Vanguard Professional Services team provides a wide range of implementation services including:

- New security services

- Support for industry and regulatory requirements

- Deployment of and training on Vanguard enterprise security solutions

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Vanguard Migration Services

Centralizing security under a single security server, and away from applications and multiple security systems, helps organizations to streamline security administration and audits, and reduce costs. Migrations are common when organizations merge with or acquire other companies, or when companies want to reduce risk by centralizing security on a single database. Vanguard Professional Services has assisted many organizations with migrations from ACF2 and Top Secret security servers and DB2 application security to a single RACF database.

Vanguard Training Services

In many organizations, employees who are unfamiliar with mainframes are now responsible for their security and compliance. These employees need to be properly trained on the security configuration control standards specific to System z. Vanguard Professional Services offers public training classes on basic, intermediate and advanced System z and RACF security techniques and auditing. Vanguard team members also develop customized onsite training courses to address specific skill and knowledge gaps within an organization's internal security and audit teams.

Security Services

- Role-based access control
- Enterprise-wide single sign on
- RACF security for CICS, DB2 or SDSF
- RACF remote sharing facility
- RACF database merging
- Digital certificates
- Two-factor authentication
- Continuous monitoring
- Lightweight directory access protocol (LDAP)
- UNIX system services

Industry and Regulatory Requirements

- Centers for Medicaid Services (CMS)
- Defense Information Systems Administration (DISA) STIG
- Federal Financial Institutions Examination Council (FFIEC)
- Federal Information System Controls Audit Manual (FISCAM)
- Gramm-Leach-Bliley (GLB)
- Health Insurance Portability and Accountability Act (HIPAA)
- Health Information Trust Alliance (HITRUST) Common Security Framework (CSF)
- National Institute of Standards and Technology (NIST)
- Payment Card Industry Data Security Standards (PCI DSS)
- Sarbanes-Oxley (SOX)

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Why Vanguard to Secure Your Enterprise?

Almost half of the Fortune 1000 companies in the world spanning banking, retail, insurance, as well as numerous government agencies trust Vanguard with their enterprise security.

About Vanguard Security Solutions

Vanguard offers the most advanced and integrated portfolio of enterprise security products and services in the world. The portfolio was the first to offer fully automated baseline configuration scanner for Mainframe DISA STIGs— the Gold Standard for Security.

For More Information

To learn more about Vanguard Security Solutions please call 702.794.0014 or visit www.go2vanguard.com

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