

Addressing Insider Threats, Cyber Attacks & Data Security

Insider Threats:

To combat insider threats there are a number of processes that should be in place. Banks should have the following in place:

Ongoing security awareness training for all employees

Policies and procedures for securing systems which should include implementing the systems securely, managing the systems, and monitoring and reporting on any security related issues

Strong vendor management program and oversight:

Our solution that helps with insider threats consists of ensuring proper policies and procedures are in place, and a strong vendor management program is in place through a risk assessment. Additionally we offer a security incident and event monitoring (SIEM) solution to monitor and report on security events in the environment.

Cyber Attacks:

Defense in depth and layered security can help in preventing a cyber attack, however if the perpetrators want in they will find a way. The types of cyber threats you will see are the continued attack on systems to gain access to identity theft and account information. Additionally, ransomware is on the rise and is becoming more common.

Data and file security:

By performing a risk assessment, you will be able to identify areas of risk that need to be remediated. Once the areas are identified, then the necessary controls and security can be implemented to protect critical data. Data and file security should be limited to a need to know basis and should be reviewed and approved on a regular basis. There should also be the appropriate monitoring controls in place to have proper oversight to ensure anything out of the ordinary is identified.



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Brian Smith is an Information Assurance Analyst for InfoSight Inc, a highly-regarded Information Assurance Consultancy headquartered in Florida. Brian has successfully managed the implementation of security programs, risk management and audit programs, policies and procedures in preparation for regulatory exams. Brian provides technology and security design and implementation of network applications and configurations, intrusion testing, security monitoring, external perimeter defense as well as information and compliance assurance services to InfoSight customers located east of the Mississippi. For more than 10 years, Brian has provided technology and information security design and management services to numerous financial institutions, and holds numerous industry certifications including CRISC, CISA, CISM and more. InfoSight has been improving security and network performance for federally-regulated organizations since 1998. InfoSight offers innovative and leading-edge information technology, managed security, and consulting services to optimize how an organization's business-critical information is processed, managed and stored.