Cybersecurity Governance

Instructor: Governance is the processes of governing or administration, through responsibilities and practices with the goal of strategic direction to ensure objectives are achieved while managing risks, and verifying enterprise resources are used appropriately.

The objective of information security is to protect the confidentiality, integrity, and availability of information and resources - information security governance supports the implementation and management of an effective information security program. It also helps to demonstrate due care and due diligence through formal governing practices. The governance function that ensures compliance with policy and regulations, and addressed risk potential, could prevent or reduce penalties or negative consequence, in the event of a compromise.

Important outcomes of IS governance includes Strategic alignment, Risk management, Value delivery, Resource management, Performance management, Assurance integration.

Strong governance ensures alignment of information security with business objectives. This strategic alignment is considering the business culture and

structure to drive security requirements. Risk management is the wholistic approach to understanding the risk exposures, and mitigating or managing those risks. Value delivery is the impact or effect the security implementations are providing the organization; optimized investments. Solutions are adequately addressing risks or concerns. The resource management piece is efficiently and effectively using knowledge and infrastructure in to support business functions. Performance management is a measurement process, monitoring and meeting metrics to ensure objectives are achieved. And assurance Integration goes into making sure security controls and strategies are reviewed to ensure they're operating as intended, end-to-end.

There are established information technology governance frameworks to aid organizations with their compliance requirements and effectively manage and monitor security controls, technical issues, and organization risks.

To be effective, information security governance must be an integral, transparent part of enterprise governance. Enterprise governance is the organization operations as a whole, information security governance is a subset of that. Information security governance provides the strategic direction for security activities that supports business objectives. A strategy for

preservation is equally important as
a strategy for progress.

Notices

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