

CompTIA Security + 5.0 Risk Management

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Title: Impact Business Analysis

Subtitle: CompTIA Security+ (SY0-501)

5.2 Impact Business Analysis

- 5.2 Summarize business impact analysis concepts.
 - Impact
 - Life
 - Property
 - Safety
 - Finance
 - Reputation
 - Mission-essential functions
 - Can be services, products, or operations
 - Is there any chance of a financial loss
 - Are there any dependencies
 - Do any of these components require high availability
 - Are there any legal ramifications, litigations?
 - Cannot collect payments.
 - Cannot record/process payments
 - Cannot process credit cards
 - Cannot track/record, merchandise
 - Cannot ship products
 - Identification of critical systems
 - Power Grids, Backup power, UPS
 - Cabling, Network devices, ISPs
 - Security Systems(physical, logical..ie, firewalls, IDS/IPS)
 - Data Centers, Databases, Storage Solutions
 - Environmental Control Systems
 - System, Vendor and inter-departmental dependencies
 - Single point of failure
 - Privacy threshold assessment
 - *This form is used to determine whether a Privacy Impact Assessment is required*
 - Privacy Threshold Analysis helps to determine if the data in the information system include information about individuals
 - Identify programs and systems that are privacy-sensitive
 - Demonstrate the inclusion of privacy considerations during the review of a program or system
 - Provide a record of the program or system and its privacy requirements at the Department's Privacy Office
 - Demonstrate compliance with privacy laws and regulations
 - Privacy impact assessment
 - A company needs to have safeguards in place to protect customer and employee information
 - Providing information about the companies compliance with current PII standards
 - How is information collected, stored, protected, shared and managed
 - Show a couple privacy Agreement
 - MTBF
 - Meantime between failure is basic measurement about reliability of a system component
 - Total uptime/ number of failures
 - Can be developed based on:
 - Stress testing
 - Experience
 - Statistical Analysis
 - Minutes of downtime can cost tremendously
 - Effects availability
 - MTTR
 - Meantime to repair is a basic measurement of the time it takes to repair a component after failure.