Module 2 Glossary

Estimated reading time: 2 minutes

Term	Definition
Automation	Automating the configuration, operation, deployment, testing, and management of virtual and physical devices within a network
Cloud	A network of servers hosted on the internet to store, manage, and process data as an alternative to a local server or personal computer
Database skill	Knowledge of database types, schemas, administration tasks, and using permissions and roles for limiting access to sensitive data is essential
File Systems	Organize and secure data within a system
Information Systems	The combination of hardware, software, data, and human resources to collect, process, store, and distribute information within an organization
Memory Management	A process affecting system performance and security within operating systems
Networking skills	It involves understanding the structure and functions of various types of networks, network protocols, OSI models, troubleshooting network problems, network monitoring tools, and network security measures
Programming Basics	This includes understanding programming languages, data structures, algorithms, secure coding practices, reading and interpreting code, web programming principles, software debugging, and automation scripts
Risk Management	The process of identifying, assessing, and prioritizing risks, followed by implementing procedures and resources to minimize the impact of these risks
Security operations	Maintaining and monitoring security infrastructure, carrying out incident response activities, ensuring compliance with regulations, and collaborating with other IT teams to manage security incidents effectively
Threat Management	A process used by cybersecurity professionals to prevent cyberattacks, detect cyber threats, and respond to security incidents
User Permissions and Roles	Used within an operating system to limit access to sensitive data
Vulnerability Management	The continuous discovery, prioritization, and resolution of security vulnerabilities in an organization's IT infrastructure and hardware

Author(s)

- Anita Narain

Changelog

Date	Version	Changed by	Change Description
2023-09-27	0.1	Rachael Jones	Initial version created