Glossary terms from module 4

Terms and definitions from Course 3 Module 4

Advanced Encryption Standard (AES): A tool that converts data to unintelligible cybertext, and back into its original form with the proper key

Bucket: A virtual container that holds objects

Business continuity plan (BCP): A document that outlines the procedures to sustain business operations during and after a significant disruption

Confidential computing: The protection of data in use with hardware-based Trusted Execution Environment (TEE)

Data at rest: Data that's not being accessed or actively moving from device to device, or network to network

Data classification: The process of analyzing data to determine its sensitivity and value

Data discovery: The process of searching, identifying, and analyzing large amounts of data within an organization to uncover hidden patterns, relationships, and insights

Data encryption: The process of converting data from a readable format to an encoded format

Data governance: A set of processes that ensures that data assets are managed throughout an organization

Data localization: The requirement that all data generated within a country's borders remain within those borders

Data retention: The process of storing data, including how long it needs to be stored

Data retention period: The length of time an organization keeps information

Data sovereignty: Data stored in a physical location has to follow the regulations of that geographic location

Data stewards: Subject matter experts who are responsible for collecting and managing data, and preserving the quality of the data

Disaster recovery plan (DRP): A plan that allows an organization's security team to outline the steps needed to minimize the impact of a security incident

Recovery point objective (RPO): The maximum acceptable length of time during which data might be lost from an application due to a major incident

Recovery time objective (RTO): The target time allowed for the recovery of a service in the event of a disaster

Tags: Custom metadata fields you can attach to a data entry to provide context

Tag templates: Reusable structures that you can use to rapidly create new tags

Transport Layer Security (TLS): A security protocol that encrypts data transmitted between two communicating applications