

Glossary terms from module 2

Terms and definitions from course 1 module 2

Allow policy: A type of access a principal has, and sets conditions on this access

Application programming interface (API): A library function or system access point with well-defined syntax and code that communicates with other applications and third-parties

Defense in depth: A layered approach to vulnerability management that reduces risk

Deny policy: A constraint that sets rules to prevent principals from carrying out certain actions

Detective control: A measure used to identify suspicious activity if it occurs

Identity control: A measure that helps authenticate a user before they access resources, like networks or storage

Lift and shift: A migration model where workloads are moved to the cloud with little to no modifications

Landing zone: A modular and scalable configuration that enables organizations to adopt Google Cloud for their business needs

Network control: A measure that helps protect access through network path

Principals: Represent either end users, or applications

Protective control: A measure that protects access to resources and shields against malicious attacks

Recovery control: A measure that restores access and functionality in the event of failures

Responsive control: An application or tool that uses automation to respond to security events

Roles: A collection of permissions that can be applied to principals

Router: A network device that connects multiple networks together

Service level agreement (SLA): Quantifies the availability of services

Shared fate model: An approach that emphasizes the CSP's involvement in the customer's entire security journey, and offers resources to securely manage their environment at each stage

Shared responsibility model: The implicit and explicit agreement between the customer and the cloud service provider (CSP) regarding the shared accountability for security controls

Switch: A device that makes connections between specific devices on a network by sending and receiving data

Virtual private cloud (VPC): A private cloud hosted within a public cloud, enabling organizations to use the public cloud's resources, while being completely isolated from other cloud users