Infrastructure as a Service: Security

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Overview

Cloud Security Concerns

Encryption

Compliance

Vulnerabilities and Mitigation

Cloud Security Concerns

Is my data safe?

Who can see my data?

Can my data be modified?

Who is responsible for securing my data?

Unless you have managed security, the security of your data in the cloud is under *shared responsibility.*

Encryption

The process of converting information or data into ciphertext, which cannot be easily understood by anymore except those who have the key.

Compliance

Laws

Requirements

Policies

Rules

Standards

Governance

Regulations

Vulnerabilities and Mitigation

Who keeps my operating systems and applications up to date?

Who performs backups of the data, should something happen? Have they been tested?

Who performs security scans of my virtual machines?

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