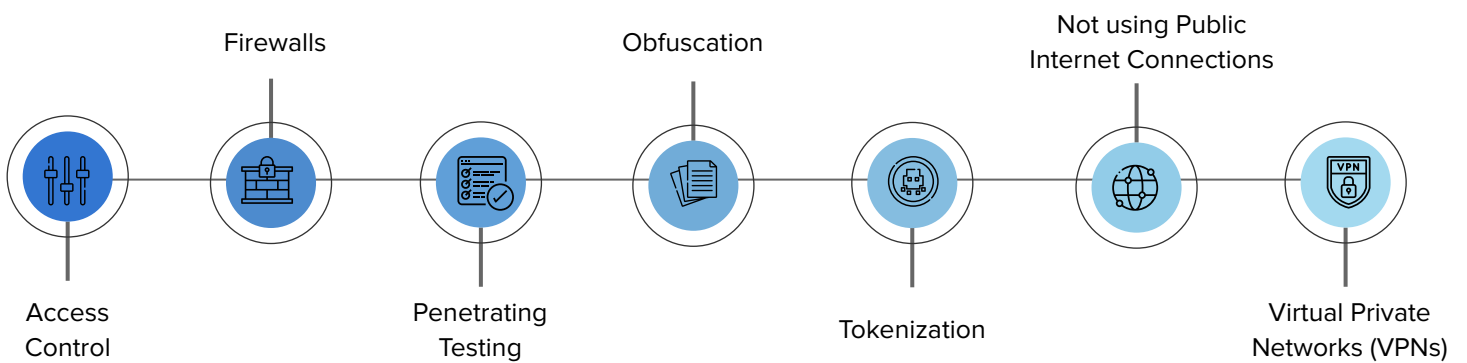


IT CLOUD SECURITY

What is Cloud Security?

Protects data stored in cloud computing environments from theft, deletion & leakage.

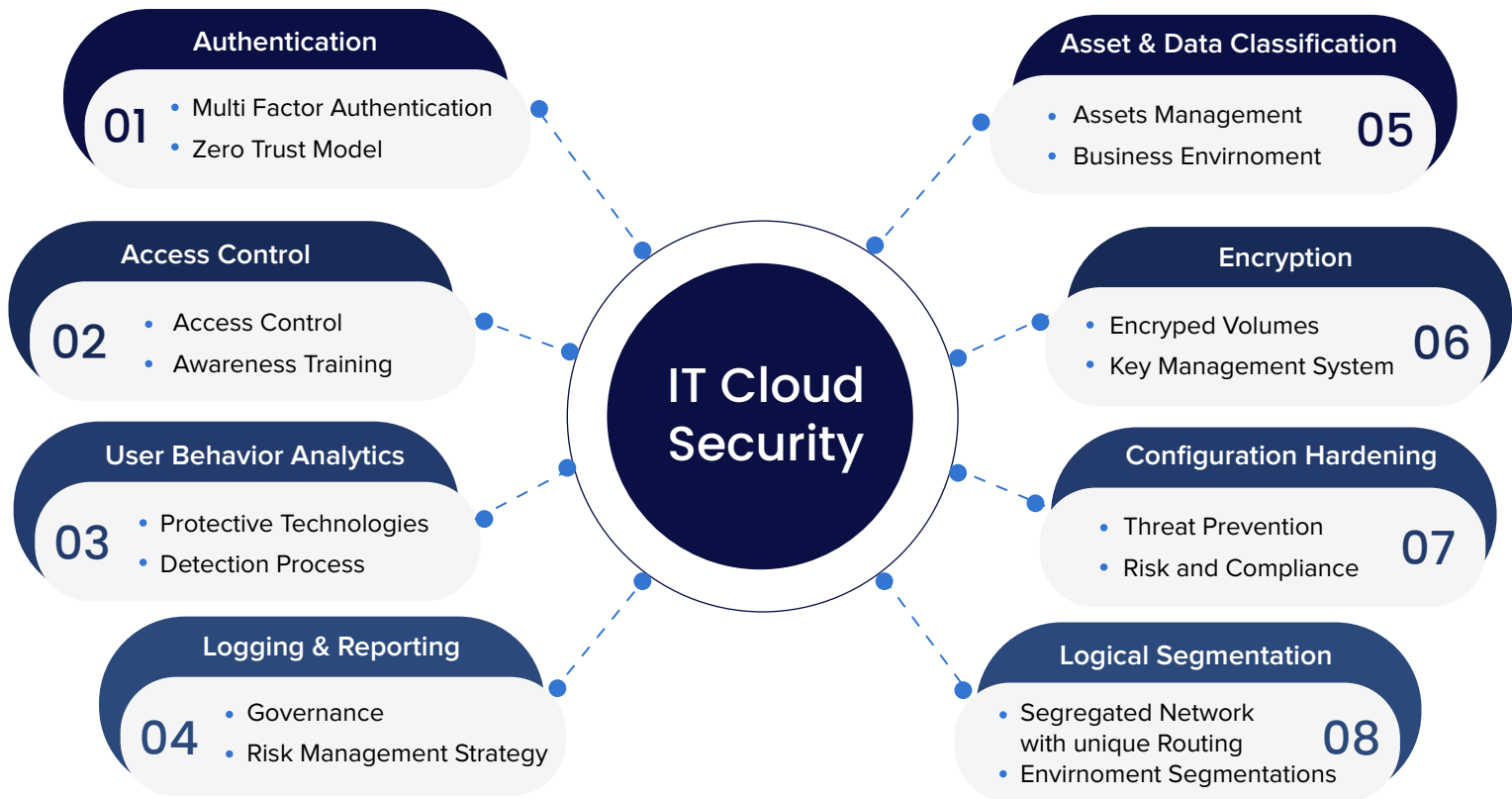
Protective methods include:



Diagrammatic Representation of IT Cloud Security

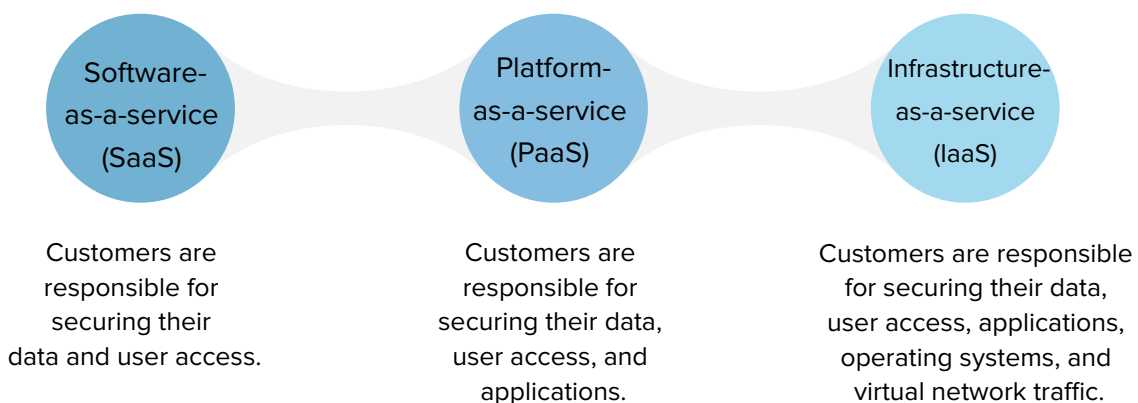


IT Cloud Security Framework



Segmentation of cloud security responsibilities

In each public cloud service type, the cloud provider and cloud customer share different levels of responsibility for security. By service type, these are:



Cloud security solutions

Visibility into cloud data

- What data is stored in the cloud.
- Who is using cloud data?
- The roles of users with access to cloud data.
- Who cloud users are sharing data with?
- Where cloud data is located.
- Where cloud data is being accessed and downloaded from, including from which device.

Control into cloud data

- Data classification
- Data Loss Prevention (DLP)
- Collaboration controls
- Encryption

Access to cloud data & applications

- User access control
- Device access control
- Malicious behavior identification
- Malware prevention
- Privileged access

Compliance

- Risk assessment
- Compliance Assessments