How Secure Is the Cloud?

85% of IT professionals are in cloud provider’s ability to provide a secure environment.

78% of users review cloud service provider’s security policies, procedures and capabilities.

45% of users review cloud service provider’s security policies, procedures and capabilities.

30% of IT professionals are confident in cloud provider’s ability to provide a secure environment.

End User Concerns Related to Cloud Security

- System downtime/business interruptions
- Exposure or loss of data during file transfers to the cloud
- Concerns over encryption of data
- Physical security of cloud service provider data centers
- Shared technology vulnerabilities (e.g. multi-tenant environment)
- Malicious activity from insiders or privileged administrators at cloud providers
- Identifying/authenticating users
- Difficulty in assessing and comparing the security of cloud service providers
- Complying with legal/regulatory requirements

Source: CompTIA’s 9th Annual Information Security Trends (based on 500 US IT and business executives)

The Human Factor

77 percent users need tools to build existing and future cloud environment.

40 percent list failure of staff to get up to speed with new threats such as cloud computing as a cause of human error that contributes to security breaches and incidents.

37 percent report security incidents.

45 percent of IT professionals are confident in cloud provider’s ability to provide a secure environment.

Assessing the Current Risks of the Cloud.

Serious Concern

Moderate Concern

More Critical Today

No Change/Less Critical Today

85%

42%

55%

45%

51%

42%