



Cloud Security Assessment

Fact Sheet v1.1



What is a Cloud Security Assessment?

A Cloud Security Assessment is a point-in-time evaluation that tests and analyses an organisation's cloud infrastructure to identify any gaps and vulnerabilities, locate evidence of exploitation and provide recommendations for remediation.



Why do a Cloud Security Assessment?

CLOUD NATIVE: Moving to the cloud has become a key enabler of digital transformation, allowing businesses to scale their operations while lowering costs and improving their agility in deploying applications.

Hybrid clouds are in, Cloud management players will be focusing on cloud security, organisations are "shifting left" and revising security into the early development stages of their applications.

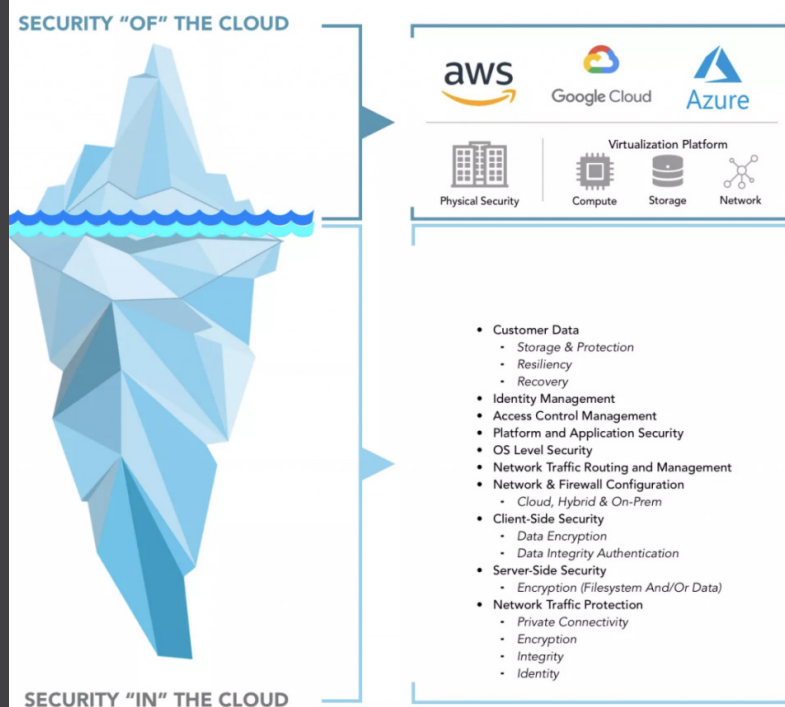
As the amount of data flowing in and out of the cloud grows, malicious actors are following the prize. **It is essential to be able to get a comprehensive breakdown of the security of your cloud setup, which you can start with this assessment.**



SECURITY OF THE CLOUD

Cloud Service Providers operate on a 'Shared Security Model' whereby the lower end of the technology stack is secured, monitored and maintained by the vendor, leaving the upper end of the stack to be secured by the organisation.

Although the responsibility of confidentiality, integrity and availability of data in the cloud is shared between the provider and organisation, the responsibility split is far from even. Using the 'Iceberg' analogy demonstrates how much of the responsibility falls onto the organisation.





What we look for during an Assessment

- ▶ Best practice cloud configuration settings
- ▶ Reduce excessive network permissions
- ▶ Identify insufficient or improper event logging

What you can expect from this Assessment

Our Cloud Security Assessment will provide you with detailed visibility of your cloud security posture and in-depth risk analysis into various components including:

- ▶ **Identity & Access Management;**
- ▶ **Roles and Policies;**
- ▶ **Enterprise Communications;**
- ▶ **Data Integrity & Confidentiality;**
- ▶ **System Redundancy;**
- ▶ **Workloads & Applications;**
- ▶ **Data Storage;**
- ▶ **Databases;**
- ▶ **Network & Routing; and**
- ▶ **Container, Serverless and FaaS Security.**

We provide clear, concise, actionable intelligence to business stakeholders about the current state of their cloud security posture and valuable insight on how to protect the organisation in the cloud.

Your Cloud Assessment Report includes

- ▶ An executive summary detailing our scope, approach and summary findings and recommendations. This section is aimed at the executive management and contains summarised, non-technical descriptions of cloud security issues alongside a business interpretation of the key business security risks.
- ▶ Detailed findings and observations section which includes the detailed assessment findings, the business security risks from identified security issues discovered by the team, as well as recommendations on how best to mitigate these risks.
- ▶ Detailed recommendations will be based on industry best practice security recommendations to maintain the confidentiality, integrity and availability of the systems and information assets in the cloud.

SECURE WHAT YOU SCALE IN THE CLOUD. LET US HELP.

Talk to your Privasec consultant today - let us understand your needs and provide a proposal to get started on your Cloud Security Assessment.

You can call us at **6610 9597** or email us at **info@privasec.com**

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