

Security Assessment, a surefire way to Audit your Cloud Security Strategy



What is a Cloud Security Assessment?

Magic Beans Cloud Security Assessment is an evaluation performed by our cloud security certified specialists, that tests and analyses an organization's cloud infrastructure to ensure the organization is protected from a variety of security risks and threats, identifying the presence or lack of security controls along with how the controls are executed & the source of misconfigurations. This gets into details of the organization's current security posture, gap identification & execution of security controls.

Benefits



Reduced risk from accidental misconfiguration

Check if resources configurations are following the best security practices.



Improve user access control

Use the least privilege principal and access groups instead of individual access.



Improve Logging & Monitoring procedures

Enable logs and advanced metrics capabilities to get a better view of your environments.



Improve general security of the cloud environment

Improve your general security posture by hardening your cloud environments.



Improve Data Security & Encryption

Check the encryption of resources and level of access.



Identify weaknesses and potential points of entry

Check if MFA is enable, if secure protocols are being used, open ports, etc.

Assessment Methodology



Assess

Validate if the client's accounts, environments and resources, follow the Cloud Security Best Practices.



Analyse

Detailed analysis of the assessment findings and ways to mitigate possible security flaws in order to improve the client's environment security.



Document

Creation of documentation with all the findings of the Assess phase and the mitigation actions of the Analyse phase.
Creation of Best Practices documentation, as well as guidelines to improve the client's general security.



Apply

If the client desires, Magic Beans can implement all the mitigations actions that were proposed during the Analyse phase, guaranteeing the correct remediation of the previous security flaws.



Review

After the implementation of the mitigation actions, Magic Beans will recheck the environments in order to validate if the security flaws were mitigated and to check the Security configurations.

Deliverables



- PPT Presentation for the overall assessment and main findings;
- Assessment Report with a list of all the findings, details, description of the root issues and remediation actions to rectify flaws, as well as, the delivery of the full audit checklist;
- Best Practices documentation;
- Detailed Plan and Statement of work to implement the remediation actions (optional).

Next Steps

To learn more about how AWS and Magic Beans can help your business, visit www.magicbeans.pt or contact us at team@magicbeans.pt