

Cloud Security Services

Secure your infrastructure and data in the cloud



Cloud Security is no longer a luxury for the few, or a necessity only for financial institutions and governments. Maintaining perimeter defences, protecting your IP from external threats, and ensuring that you do not succumb to an inside attack is required by all businesses, whether cloud based or otherwise. The consequences of not securing your infrastructure can lead to reputational damage and large fines.

Moving to the cloud does not necessarily improve the security of your infrastructure. Cloud providers are responsible for security of the cloud, but you are responsible for security in the cloud.

Security in the cloud services that make the difference

The Server Labs provides a range of security in the cloud services. We specialise in the assessment, architecture, implementation, and optimisation of security in the cloud. Our security services and solutions deliver the following key strategic benefits critical to helping you implement your organisation's optimal security posture:

- **Prevent:** Define user permissions and identities, infrastructure and data protection measures for a smooth and planned AWS adoption strategy. Define information security processes and reporting to help prevent internal and accidental breaches.
- **Detect:** Gain visibility into your organisation's security posture with logging and monitoring services. Perform event management, testing, and auditing.
- **Respond:** Automated incident response and recovery to help shift the primary focus of security teams from response to analysing root cause. Help you build your information security service desk to reduce the MTTR for security breaches.
- **Remediate:** Leverage event driven automation to quickly remediate and secure your cloud environment.



cloud architects

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Security in the cloud services offered by The Server Labs

TSL will determine your needs and help you build the business case for implementing Cyber and information security that fits your cloud model. We will then work with you to assess, architect, deploy and optimise the solution, whether using native AWS security tools, or 3rd party solutions such as Darktrace, or AlertLogic. We can also provide a managed security service, as part of an overall AWS managed service, or as a security specific service. The following gives an overview of the services we provide.

Cyber security solutions in the Cloud

- Implementation and optimisation of the AWS Well-Architected Framework.
- Configuration and integration of intrusion detection systems (IDS) and intrusion prevention systems (IPS) in the cloud.
- AWS Security Hub integration and configuration with AWS native services as well as 3rd party products listed but not limited to: Atlassian, Check Point, Jupiter Networks, Logs.io, Pager Duty, Qualys, ServiceNow, Slack, Splunk.
- Darktrace implementation, traffic mirroring, optimisation and automation in AWS.
- Alert Logic Managed Detection and Response managed service implementation and provision in AWS.
- Centralised Identity and Access Management Platform integration (OKTA).

Cloud Native Cyber Security Services

- Introducing the 12 Factor App principles for cloud native application development.
- Building “shift left” automated distribution and deployment pipelines incorporating image scanning & hardening, observability & metrics, incident response & mitigation.
- Securing Runtime Environment. From orchestration and audit logs to secrets encryption and service mesh configuration.
- Providing End-to-end Architecture.
- Introducing threat modelling, intelligence, and incident response.
- Implementing DevSecOps in a cloud native environment.

Information Security Services in the Cloud

- Assessing the estate for information security against ISO 27001.
- Building an Information risk register and risk remediation plan for the business.
- Creating an Information Security Measurement System in the cloud, and associated ISMS service desk for tracking remediations.
- Making the business ready for ISO 27001 audit.



The Server Labs

The Server Labs (TSL) is an End-to-End Cloud technology consultancy specialising in mission critical services and complex operating environments. Founded in 2004, TSL provides consultancy and engineering services, from ideation and business case definition, through design, to build and deployment into production, and a managed service capability. Our core strengths sit within cloud data and security, with demonstrable experience of operating in highly complex, high value programmes, in mission critical environments in public & private sectors.

For more information about The Server Labs and the services we offer, please visit our website www.theserverlabs.com

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