



Cloud Security Data Sheet

Cloud Security Consulting

In-Depth Protection for Your Cloud Assets

ATLANT | SECURITY

Our Cloud Security Consulting team identifies and helps eliminate security configuration vulnerabilities in all cloud environments.

WE HELP CUSTOMERS INTEGRATE CLOUD SECURITY INTO THEIR INFORMATION SECURITY PROGRAM

CLOUD BREACH FACTS

Most security breaches and data leaks from cloud environments happen due to human mistakes or omissions. The default settings provided by biggest cloud providers are usually relaxed to allow for better usability at the price of security.

API keys, passwords in configuration files, unprotected file storage and databases, weak credential authentication methods – they all lead to breaches and are likely present in your cloud infrastructure.

ENSURING THE DATA YOU STORE IN THE CLOUD IS PROTECTED

As organization migrate to the cloud at a rapid pace, they often lose track of everything they store in the Cloud. This presents a significant threat to their security posture and could lead to financial and regulatory penalties, especially in the event of a breach. Cybersecurity breach insurance rarely covers negligence on behalf of a customer's IT team. This is where our consulting solutions provide clarity in identifying the vulnerabilities and misconfigurations in place and providing a remediation plan to implement the right security controls.

HOW ATLANT | SECURITY CAN HELP

Our team provides solutions to assess customer cloud deployments in Google cloud, Amazon Web Services, Microsoft 365 and Azure, as well as other, smaller cloud providers such as RackSpace and DigitalOcean.

Our team consists of ex-Microsoft security experts with a broad and deep understanding of the underlying principles of protecting data in the cloud.

CUSTOMER BENEFITS

- Ensure that the cloud deployment is protected with the highest industry standards – we follow DISA STIGs and CIS Benchmarks when assessing compliance with industry best practices
- Identify the potential business impact of all discovered vulnerabilities and prioritize their remediation based on business value
- Obtain detailed, technical remediation recommendations which are easy to follow by any IT team
- Ongoing monitoring and reporting of any new misconfiguration in the future (optional)

CLOUD SECURITY

Cloud Security Consulting

SECURITY EXPERTISE

Our consultants come from nuclear, government, financial and technology giant backgrounds, with a wide array of security certifications in both offensive and defensive skills.

They have served on both sides – at the cloud providers themselves and on the customer side, which gives them a unique set of skills in identifying security gaps in logical and technical security configurations.

Service Range

We help customers with cloud forensics and incident response, security assessments and consulting services.

Cloud Critical Vulnerability Discovery

Ideal for customers who need to rapidly assess the exposure of their cloud deployment to high risks. Customers obtain a report within 24 hours and can start a remediation right away. Scope: Critical Findings only, CIS Benchmarks and DISA STIGs

Cloud Security Assessment

1-week assessment consisting of multiple interviews with the customers' IT department and technical configuration assessment of their cloud deployment, covering all requirements of CIS Benchmarks and DISA STIGs for the respective cloud provider. Best suited for Office 365, Azure, Google Cloud.

Cloud Secure Architecture Assessment

Applicable for software development companies, financial institutions and companies with over 1000 employees, because it focuses on strategic security architecture decisions as well as on deeply technical configuration assessment of containers, databases, development, integration and deployment practices, etc.

3 Tiers of Cloud Security Assessments:

- 1-day Cloud Critical Vulnerability Discovery
- 1-week Cloud Security Assessment
- 3-week Cloud Secure Architecture Assessment

THESE ARE JUST SOME OF THE AREAS COVERED BY OUR ASSESSMENTS. THE FULL LIST DEPENDS ON THE CLOUD PROVIDER AND ON THE DEPLOYMENT – COMMUNICATIONS, SERVERS, APPS, OTHERS

IDENTITY & ACCESS MANAGEMENT

The most critical area for all cloud customers and the most widely abused by attackers and insiders. Failures here most often lead to security breaches and data leaks. Administrators often abuse their powers and leave their own accounts unprotected.

VIRTUAL MACHINE SECURITY

Virtual Desktop Infrastructure and Virtual Servers need to be checked for proper access controls, logging, encryption, shared storage security, resource utilization management and segmentation control.

LOGGING AND MONITORING

All external access to your cloud environment should be logged and those logs should be immutable. In addition, you should enable monitoring capable of detecting anomalies such as logins from new locations, large data transfers and attempts to breach security controls.

DATABASE SECURITY

We observe a rapid increase in the public availability of misconfigured ElasticSearch and other databases, exposed by mistake by developers, QA and IT. In addition, each database has hundreds of security settings and each of them could be misused by an attacker.

MICROSOFT 365 AND GOOGLE APPS

Microsoft 365 and Google's Apps offer great usability and security features, but many of them are turned off by default or are available only after deep reconfiguration. Each has more than 280 security settings, each of them needs a business impact assessment before implementation.

DATA STORAGE SECURITY

Many governments require a certain level of data encryption at rest and in transit, but customers should also check their file / folder encryption and key storage / access security, access controls and file activity monitoring, backup and restore practices, among many others.

Cybersecurity is in our blood. We live and breathe defense and love helping customers with it

About Atlant | Security

Atlant | Security ® is a global cybersecurity company serving clients in the USA, Europe, Asia, Australia, and the Middle East.

Contact us for a free consultation.

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