

# Cloud Security Assessment

Services designed to help protect the confidentiality, integrity, and availability of systems and data in your organization's growing cloud environments.

## Secure your Cloud

Cloud computing offers several key advantages to organizations. These include reduced costs, automation, hardware independence, high availability and increased flexibility. Use of cloud technology also alters the risk landscape in areas such as confidentiality, privacy, integrity, regulatory compliance, availability and e-discovery. Therefore, it is important to ensure that proper security assurances are in place.

Our Cloud Security Assessment covers all the major cloud computing architectures, including Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), and Software-as-a-Service (SaaS).

As a cloud computing service provider or as a private cloud host, we create a custom engagement that assesses the implementation's physical and application security and our comprehensive report to disseminate to your new and current customers, assuring them that your cloud solution is secure.

## Key Benefits

Depending on where you are in your cloud journey, we have security services to help protect your data and applications. Highly trained consultants can provide guidance ensuring the integrity and compliance of your cloud deployments with mandates and best practices.

**Ease the transition to cloud-based services,** Avoid security pitfalls as customers transition to cloud-based services. we design, implement, and assesses a cloud solution that will meet the security requirements of your customers.

**Assure clients that your cloud solution is secure,** Assess the Infrastructure and application security of your cloud solution. Hosting companies or enterprises that host their own products or solutions can reassure clients and business partners about security. After the assessment, we provide a comprehensive report to disseminate to your new and current clients, assuring them that your cloud solution has been built with security best practices and requirements in mind.

**Get next step recommendations,** Our deliverables include a Comprehensive Cloud Computing Assessment report with summary report card, next step recommendations, Cloud Computing Assessment presentation and a comprehensive report for your clients or business partners.

## Meet Compliance in the Cloud

E Com Security Solutions can guarantee an effective assessment to identify if the services you have in the cloud are meeting compliance guidelines, plus provide additional direction to improve your cyber security.

Highly experienced consultants stay abreast of changes across various compliance frameworks including PCI, GLBA, FISMA and HIPAA.

## For more information

Visit [www.ecomsecurity.org](http://www.ecomsecurity.org) to learn how we can help secure your organization.

## Proven Methodology

Our security experts will create a custom methodology tailored to your unique needs, based on our overall approach. Consultants with relevant certifications and deep knowledge of various frameworks can review and perform security controls assessments whether you prefer to align with ISO 27001, NIST, Critical Security Controls Assessment (SANS Top 20), Cybersecurity Framework. Certified and experienced cyber security experts will ensure you are following best practices to protect against security and privacy risks, reduce data breaches and mitigate the impacts when they occur. In the Cloud Infrastructure Security Assessment, our security experts examine the logical network, applications, and services hosted by the cloud. Key services in this assessment may include the following:

### Vulnerability Scanning Services

Our Vulnerability Management and Web Application Scanning services provide world-class vulnerability scanning for your cloud-based architecture without the software and maintenance requirements. Leverage robust technologies that are fully-managed by our dedicated experts.

### Penetration Tests

Meet compliance requirements going further than vulnerability assessments providing network testing, validating configuration and patch management, and identifying the steps you can take to improve security.

### Advanced Penetration Tests

More complete test that continues beyond a penetration test to identify methods that a hacker could use to gain full, persistent control of your systems as a base for attacks deeper into your network.

### Host/OS Configuration Reviews

Host reviews comprehensively identify security issues within cloud environment. Our engineers remotely review the configuration of key applications, servers, databases, and network components to identify vulnerabilities that may go unnoticed during network testing.

### Web Application Testing

Improve the security posture of your applications in the cloud with a thorough consulting assessment that examines application interfaces and supporting infrastructure to identify known vulnerabilities, provides risk identification, and the consequences of exploitation.

### Web API Testing

Experienced testers with a strong knowledge of coding techniques and the packages used to deliver applications and services will determine if there are API vulnerabilities and exposures.

### VPN Security Reviews

The VPN review compares your current configuration against recommended best practices and identifies any areas of concern. The assessment includes a remote configuration review as well as an architecture review.

### Host-based Firewall Reviews

Analyze both the configuration of the host-based firewalls (accounts, logging, patch management, etc.) as well as the implementation of network security controls (ACLs) via the firewall.

## Support all major cloud platform and IaaS providers

