

1. What service is this?

Many organizations have been leveraging cloud-based technologies for agility, flexibility, and scalability advantages as such cloud security is indispensable. By implementing cloud security correctly, organizations can ensure business continuity and unlock many opportunities that the cloud environment offers. CyperProof's Cloud Security services include 360° comprehensive coverage beginning from strategy, consulting & architecture to transformation and integration and managed security services.

2. What is the customer problem that this service solves?

- **Lack of visibility:** It's easy to lose track of how an organization's data is being accessed and by whom, since many cloud services are accessed outside of corporate networks and through third parties.
- **Multitenancy:** Public cloud environments house multiple client infrastructures under the same umbrella, so it's possible your hosted services can get compromised by malicious attackers as collateral damage when targeting other businesses.
- **Access management and shadow IT:** While enterprises may be able to successfully manage and restrict access points across on-premises systems, administering these same levels of restrictions can be challenging in cloud environments. This can be dangerous for organizations that don't deploy bring-your-own device (BYOD) policies and allow unfiltered access to cloud services from any device or geolocation.
- **Compliance:** Regulatory compliance management is oftentimes a source of confusion for enterprises using public or hybrid cloud deployments. Overall accountability for data privacy and security still rests with the enterprise, and heavy reliance on third-party solutions to manage this component can lead to costly compliance issues.
- **Misconfigurations:** Misconfigured assets accounted for 80% of breached records in 2024, making the inadvertent insider a key issue for cloud computing environments. Misconfigurations can include leaving default administrative passwords in place, or not creating appropriate privacy settings.
- **Data Breaches and Loss:** Despite cloud providers' security measures, data breaches can still occur due to misconfigurations, weak access controls, or inadequate encryption, leading to sensitive information exposure, financial losses, and reputational damage.
- **Lack of Expertise:** Many customers lack the in-house expertise to manage cloud security effectively, leading them to outsource these critical functions to a service integrator.

3. What solution does CyberProof provide?

Primary services:

- **Strategy, Consulting & Architecture:** Regardless of the current stage of cloud development, CyberProof's cloud security solutions can ensure your journey is a smooth one, minimizing the security risks of migration. CyberProof's approach includes:
 - Understanding gaps
 - Assessing, Recommending and Building cloud security strategy
 - Designing and configuring controls aligned to strategy
 - Validating cloud security framework and control effectiveness
- **24/7, Security monitoring and incident response:** Continuous monitoring of systems and networks to detect and respond to security incidents in a timely and effective manner.
- **Cloud security posture management:** Assessing and managing the security posture of cloud resources and environments.
- **Delivering threat intelligence:** Collection, analysis, and utilization of information about potential cybersecurity threats to enhance an organization's security posture.
- **Cloud Attack Surface Management (ASM):** Comprehensively identifying, analyzing, and effectively mitigating both external and internal cloud vulnerabilities to minimize the attack surface.
- **Specialized Expertise and Managed Services:** Providing specialized cloud expertise and comprehensive managed services.
- **Data Security Services:** Providing comprehensive data protection services to cloud customers, ensuring the security, privacy, and integrity of their cloud-resident data.

4. What are the key benefits and value of this CyberProof service?

- **24x7 Monitoring & Visibility:** 24/7 monitoring of systems and networks for potential security threats.
- **Comprehensive security services:** CyberProof offers wide range of security services and features, including threat detection and response, managed security services, application security, vulnerability management, etc.
- **Effective assets protection against cyber-attacks:** Identify, and Implement strong security controls, security policies, and employee education to protect assets against cyber attacks
- **Data Security:** Data risk assessment and implementing measures to protect sensitive information from unauthorized access, disclosure, or alteration.
- **Advanced threat intelligence and analytics:** Leveraging machine learning and AI techniques to analyse vast amounts of data and provide actionable insights to enhance security posture.
- **Security standard and regulatory compliance:** Security standard and regulatory compliance services to ensure adherence to industry and legal requirements

5. Why choose CyberProof over competitors?

- CyberProof is vendor agnostic and works closely with AWS, Azure, Google, IBM, Oracle, and other trusted cloud providers.
- Scalability and Elasticity: Providing scalable security services that can dynamically adjust to the changing needs of cloud-based applications and workloads, ensuring that security measures can scale up or down as required.
- **Expertise and Specialization:** Our cloud security services are provided by specialized providers who have in-depth knowledge and expertise in securing cloud environments. They understand the unique security challenges associated with cloud infrastructure and services.
- **Cost-Effectiveness:** Our cloud security services eliminate the need for organizations to invest heavily in hardware, software licenses, and maintenance. They follow a subscription-based model, allowing organizations to pay for the security services they need, reducing upfront costs and providing scalability as per their requirements.
- **Integration and Interoperability:** Our cloud security services are designed to integrate with various cloud platforms, services, and existing security infrastructure. This allows organizations to leverage their existing investments in security tools while extending their capabilities to the cloud.
- **Comprehensive Security Solutions:** Our cloud security services offer a wide range of security solutions tailored specifically for cloud environments. These solutions encompass various aspects of security, including data protection, network security, identity and access management, encryption, threat detection and response, and compliance.