Cloud Security Management by Deloitte

A secure cloud that accelerates your innovation

MARKET CONTEXT

Cloud-based platforms and applications are foundational to digital transformation, but they face constant security threats affecting every stage of the software development lifecycle. As Cyber becomes increasingly paramount, there are various opportunities to leverage related resources and services as business enablers for innovation.

With Cloud Security Management by Deloitte, you can capitalize on these opportunities with cloud environments that provide e2e solutions that scale with your needs, boosting integrated digital transformation and security efforts.

We can work with you wherever you are in your cloud journey and help you feel confident in tackling your security requirements, providing you with the outcomes you need in order to spearhead business enablement. Cloud Security Management by Deloitte can help protect the enterprise and enable secure, intelligent operations while also driving agile, secure modernization. Through each solution in the platform, we will work with you to help you transform security and make cyber core to the organization.

COMMON TRENDS, CHALLENGES AND OUTCOMES OF CLOUD SECURITY

Cloud Security Management by Deloitte helps our clients turn complex challenges into opportunities.

<table>
<thead>
<tr>
<th>Trends</th>
<th>Common Challenges</th>
<th>Desired Outcomes</th>
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<td>- Cloud-based platforms and applications face constant threats&lt;br&gt;- Organizations have an increased focus on integrated cloud, cyber, and artificial intelligence (AI) strategies that uniformly support digital transformation and cloud innovation&lt;br&gt;- Protecting the enterprise via secure, intelligent operations and spearheading business enablement via agile, secure modernization are key components of cyber and cloud innovation strategies</td>
<td>- Having the technology to keep up with the pace that the business wants to move to the cloud&lt;br&gt;- Obtaining the skilled resources to operationalize and manage cloud environments&lt;br&gt;- Accommodating non-standard security requirements and processes during the development process&lt;br&gt;- Leveraging existing security solutions to meet cloud security requirements</td>
<td>- Improved cloud security posture and visibility&lt;br&gt;- Better developer experience and productivity&lt;br&gt;- Greater insight (via predictive analytics) into unknown threats&lt;br&gt;- Enhanced threat management of the attack surface&lt;br&gt;- A secure, operational, and seamlessly integrated cloud environment</td>
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Cloud Security Management by Deloitte solutions

Cloud Security Management by Deloitte is an enterprise-grade set of solutions that facilitates end-to-end cloud security. It combines cloud-native security technology with experienced technologists, engineers, and operators to bring the total power of the cloud to secure the cloud.

We take care of maintenance while helping you achieve security outcomes and stay abreast of the rapidly evolving cloud space. Solutions can be consumed together or à la carte.

Cloud Security Management by Deloitte

A set of solutions that can be consumed individually or as a package:

- Cloud Security Policy Orchestration
- Attack Surface Management
- Cyber Predictive Analytics
- Cyber Cloud Managed Services

Cloud Security Policy Orchestration helps a client maintain security in a client's multi-cloud environment by providing visibility of an organization's cloud assets and enabling automation to orchestrate the uniform application and enforcement of security policies across the Software Development Lifecycle (SDLC).

Attack Surface Management works to help clients improve security posture via emulation of real-world adversarial tactics techniques and procedures.

Cyber Predictive Analytics was built with the need for a cyber analytics approach that combines foresight of technology vision with intuition on threat hunting. This solution leverages models trained on attack simulations and real-world data to quickly comb through petabytes of data, surfacing threats that might otherwise be missed.

Cyber Cloud Managed Services can help you accelerate your journey on the public cloud providers with a cloud security managed service that provides 24/7 security protection and monitoring of essential resources.

Wherever you are in your cloud journey, Cloud Security Management by Deloitte can help turn complex challenges into opportunities.
Cloud Security Management by Deloitte helps you to focus on what truly matters – driving high-quality results.

**Cloud Security Policy Orchestration Features**
- Continuous monitoring and visibility
- Contextualized risk assessment
- Intelligent identification and prioritization
- Attack surface management
- Automated ticket creation and customization
- Targets resources of interest using hierarchy and filters

**Attack Surface Management Features**
- Continuous testing
- Intelligent automation into threat detection and response activities
- Service fingerprinting
- Vulnerability scanning
- Identifies specific risk areas such as high priority security risks

**Cyber Predictive Analytics Features**
- Leverages models trained on attack simulations and real-world data
- Ability to comb through petabytes of data
- Automated threat hunting
- Surfaces risks that might otherwise be missed
- Interactive persona-driven suite of dashboards
- Automated detection

**Cyber Cloud Managed Services Features**
- Automated secure deployment via Continuous Integration / Continuous Deployment (CI/CD)
- End-to-end compliance risk management framework
- Continuous monitoring and detecting
- Supports infrastructure for cloud workloads
- Native security configuration automation
- Around the clock professionals to review alerts

**A CENTRAL BUSINESS OUTCOME FOR FUTURE CLOUD INNOVATION STRATEGIES**

To support digital transformation and cloud innovation, organizations have sharpened their focus on integrated cloud, cyber, and AI strategies that can help them manage multifaceted risk and spearhead business enablement. Many are aiming for a mature cloud security program with development and security teams that can address cloud security requirements at each stage, safeguarding cloud environments and proactively responding to adverse cyber events.

With this approach, security becomes a central business outcome for future cloud innovation strategies.

**Making cyber and strategic risk core to every phase of the systems development lifecycle**

<table>
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<tr>
<th>Design and develop</th>
<th>Build, test, &amp; deploy</th>
<th>Monitor &amp; operate</th>
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<tr>
<td>Advise &amp; implement</td>
<td>Hybrid-Operate</td>
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Each of the solutions in Cloud Security Management by Deloitte provide confidence throughout the Systems Development Lifecycle that the enterprise is protected, operations are secure, and the appropriate security capabilities are established and maintained to spearhead business enablement.

**A SOLUTION CUSTOMIZED TO YOUR BUSINESS**

All the solutions within Cyber Security Management by Deloitte are able to be implemented and maintained for an end-to-end cloud security solution or can be provided individually to help you address specific challenges within your cloud environments.

That works for you:

We help protect your enterprise by bringing the technology to secure your cyber estate, enabling secure, intelligent operations while providing an efficient workforce that can work for you. In doing so, we help you with business enablement, allowing you to be agile in modernization.

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