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 end-to-end 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 so that you can 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 your organization.

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

Cloud Security Policy Orchestration helps you maintain security in a multi-cloud environment by providing visibility of your organizations’ 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 you improve security posture via emulation of real-world adversarial tactics techniques and procedures.

Cyber Predictive Analytics was built to answer 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 and surfacing threats that might otherwise be missed.

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

COMMON TRENDS, CHALLENGES, AND OUTCOMES OF CLOUD SECURITY

Trends
- Cloud-based platforms and applications face constant threats
- Organizations have an increased focus on integrated cloud, cyber, and artificial intelligence (AI) strategies that uniformly support digital transformation and cloud innovation
- Protecting the enterprise via secure, intelligent operations and spearheading business enablement via agile, secure modernization are key components of cyber and cloud innovation strategies

Common Challenges
- Having the technology to keep up with the pace that the business wants to move to the cloud
- Obtaining the skilled resources to operationalize and manage cloud environments
- Accommodating non-standard security requirements and processes during the development process
- Leveraging existing security solutions to meet cloud security requirements

Desired Outcomes
- Improved cloud security posture and visibility
- Better developer experience and productivity
- Greater insight (via predictive analytics) into unknown threats
- Enhanced threat management of the attack surface
- A secure, operational, and seamlessly integrated cloud environment
Cloud Security Management by Deloitte helps you to focus on what truly matters—driving high-quality results.

**Cloud Security PolicyOrchestration Features**
- Continuous monitoring and visibility
- Contextualized risk intelligence, assessment analysis and dashboards
- Facilitates DevSecOps and shift-left via policies across software development lifecycle
- Private cloud deployment
- Automated ticket creation and customization
- Targets resources of interest using hierarchy and filters

**Attack SurfaceManagement Features**
- Continuous testing
- Intelligent automation into threat detection and response activities
- Asset fingerprinting
- Vulnerability scanning
- Identifies specific risk areas and high priority security risks

**Cyber PredictiveAnalytics Features**
- Leverages models trained on attack simulations and real-world data
- Ability to comb through petabytes of data
- Automated threat hunting
- Interactive persona-driven suite of dashboards
- Automated detection

**Cyber Cloud ManagedServices 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 view review alerts

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

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

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.

The journey to cloud maturity and business innovation (illustrative)

![Diagram](https://example.com/diagram.png)

- **Design and develop**
  - Advise & implement
  - Build, test, & deploy
  - Monitor & operate

- **Hybrid-Operate**
  - Cloud security policy orchestration can provide control improvements, compliance baseline and continuous compliance monitoring
  - Attack surface management can provide threat library information to assist with the design and development of your cloud environment
  - Cyber cloud managed services can help design and develop your cloud environments through blueprints and patterns

- **End-to-end cloud, cyber, and AI strategies that can sharpened their focus on integrated 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.**

**A SOLUTION CUSTOMIZED TO YOUR BUSINESS**

All the solutions within Cloud 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.

**Move forward fast**

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

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