

HCLTech | Supercharging
Progress™

HCLTech Secure Multi-Cloud powered by Microsoft Defender for Cloud

A comprehensive solution for protecting your
business assets across diverse cloud environments



Introduction

As businesses increasingly adopt multi-cloud environments to enhance scalability and flexibility, they also face new complexities and security risks. Each cloud platform has unique security protocols and compliance requirements, making maintaining consistent protection across diverse environments challenging. This expanded attack surface, combined with fragmented visibility can leave organizations vulnerable to cyber threats.

HCLTech's Secure Multi-Cloud solution powered by Microsoft Defender for Cloud addresses these challenges by providing a unified security framework that protects critical assets across various cloud platforms. Our solution integrates advanced features such as DevSecOps, Cloud Security Posture Management (CSPM), workload protection, and vulnerability management, ensuring comprehensive security from development to runtime.

Key challenges in a multi-cloud environment

While multi-cloud adoption offers many benefits, it also introduces several security challenges:

Expanded attack surface

Multi-cloud environments increase the number of potential entry points for attackers as each cloud platform introduces its own vulnerabilities and risks. This creates a more complex security landscape, making implementing a unified defense strategy difficult.

Limited visibility and monitoring

With data and workloads spread across multiple cloud platforms, maintaining full visibility of your environment becomes difficult. Security teams often struggle to monitor all cloud activities in real-time, which can delay threat detection and response.

Data security concerns

Protecting sensitive data becomes increasingly complex in a multi-cloud environment. Ensuring data integrity, encryption, and compliance across various platforms poses a major challenge, particularly as different clouds follow distinct security protocols.

Identity and Access Management (IAM) complexity

Managing user identities and access controls across multiple cloud platforms can lead to inconsistent enforcement of security policies. This increases the risk of unauthorized access and makes it harder to maintain a coherent security posture.

Data security concerns

Protecting sensitive data becomes increasingly complex in a multi-cloud environment. Ensuring data integrity, encryption, and compliance across various platforms poses a major challenge, particularly as different clouds follow distinct security protocols.



Our solution

HCLTech Secure Multi-Cloud solution, powered by Microsoft Defender for Cloud, offers end-to-end security across cloud environments—from code to runtime. By unifying traditionally siloed cloud security solutions into a single interface, it simplifies protecting your entire cloud application footprint. Our solution empowers organizations to:



Secure application development on cloud with DevSecOps

Secure applications and resources across multi-pipeline environments. Address security issues such as Infrastructure as Code (IaC) misconfigurations and exposed secrets early in the development process to prevent vulnerabilities from reaching production.



Enhance cloud infrastructure security with cloud security workload protection

Ensure protection for cloud workloads and on-premise servers with features like just-in-time access and file integrity monitoring. Integrating with Microsoft Threat Intelligence, the solution safeguards infrastructure, databases, storage and containers.

Improve resilience against security threats with



Cloud Security Posture Management (CSPM)

Continuously assess and improve your cloud security posture. The new Security Copilot feature generates remediation, summaries and identifies key resource users to reduce the Mean Time to Response (MTTR).



Vulnerability management

Identify real-time misconfigurations and vulnerabilities using built-in agentless scanners integrated with Microsoft Defender for Vulnerability Management. Gain asset visibility, prioritize risks and leverage built-in remediation tools to address critical issues.



How we help enterprises with comprehensive Microsoft integration

Strategy and Consulting – HCLTech offers consulting services that help organizations evaluate the existing cloud environment and build a multi-cloud CNAPP roadmap for enhanced cloud security. It includes:

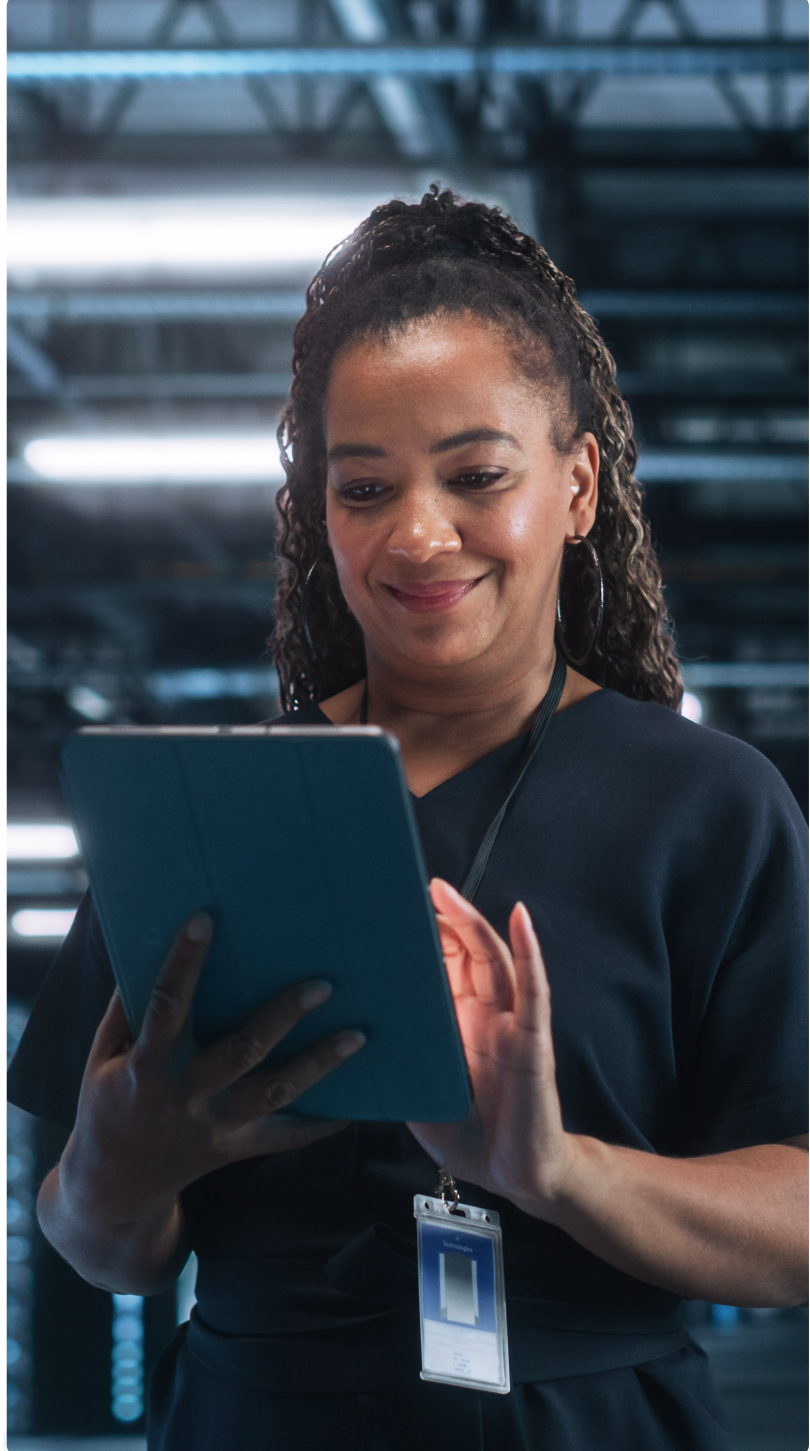
- Assessment of cloud environment and existing security controls, the discovery of workloads, data, applications and other assets
- Understanding the application development roadmap
- Laying down security policies and controls required for the applicable security regulations and standards
- Alignment of security strategy to suitable security framework such as Zero Trust, NIST

Transformation and Integration – HCTech helps customers deploy the CNAPP solution that is customized and in alignment with the security strategy of the enterprise, including:

- Architecture design
- Proof of Concepts (PoCs) and use-cases evaluation
- Deployment of security controls, policy enablement
- Workflow orchestration creation
- Complete integration of security controls to meet defense-in-depth

HCLTech also helps organizations integrate secure multi-cloud solution with a suite of Microsoft technologies for a holistic cloud security framework, including:

- 24x7 security monitoring and threat response with Microsoft Sentinel and SOAR
- Secure access to workloads with Microsoft Entra ID
- Data security with Microsoft Purview for data classification, labeling and loss prevention
- Enhanced threat protection through Microsoft Defender solutions, including MDI and MDO



Managed Security Services – HCLTech offers very efficient managed security services with flexible delivery models to accommodate the effective ongoing operations and continuous improvement of the secure multi-cloud solution, including:

- Security monitoring and management; Continuous compliance and vulnerability assessment to mitigate unknown threats
- Workflow automation to improve efficiency
- Maintain up-to-date security configurations aligned with policies, accommodating the changes in the cloud environment
- Cloud/SaaS applications posture management and reporting

Value delivered

- Secure cloud transformation: Enable the safe and secure adoption of multi-cloud environments, ensuring business transformation without compromising security.
- Uniform security posture: Achieve centralized management of security configurations, covering applications, data, workload and network from code to runtime.
- Improved compliance: Implement a single security strategy across clouds, ensuring compliance with industry regulations for specific regions and sectors.
- Comprehensive visibility: Gain a unified view of your cloud security posture with an integrated dashboard to monitor secure cloud scores.
- Ease of risk management: Continuous security testing and vulnerability assessments to identify and mitigate risks proactively.



Why HCLTech?

100+ Customers

globally using the secure multi-cloud solution

2,000+ Microsoft
certified professionals

6 Cybersecurity
fusion centers

20,000+

Workloads secured

40+

Dedicated delivery centers worldwide



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