

Cloud Security Posture Management (CSPM) Enablement with Microsoft Defender for Cloud

Improving your organization's security with CSPM

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EY

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with confidence



Microsoft

Business drivers

- Security threats are increasing, and compliance challenges continue to arise from the widespread adoption of cloud services and the complexity of managing security across diverse cloud environments.
- Organizations face significant challenges in identifying and remediating misconfigurations and security risks in their cloud environments, exacerbated by the integration of artificial intelligence (AI) and machine learning (ML) for threat detection and the need to meet stringent regulatory compliance requirements.
- Key pain points include escalating security threats due to cloud misconfigurations, difficulties in maintaining regulatory compliance, lack of visibility into security posture across different cloud platforms and the need for effective integration with development security operations (DevSecOps) practices – all of which present significant opportunities for CSPM solutions to improve security and compliance.

Solution overview

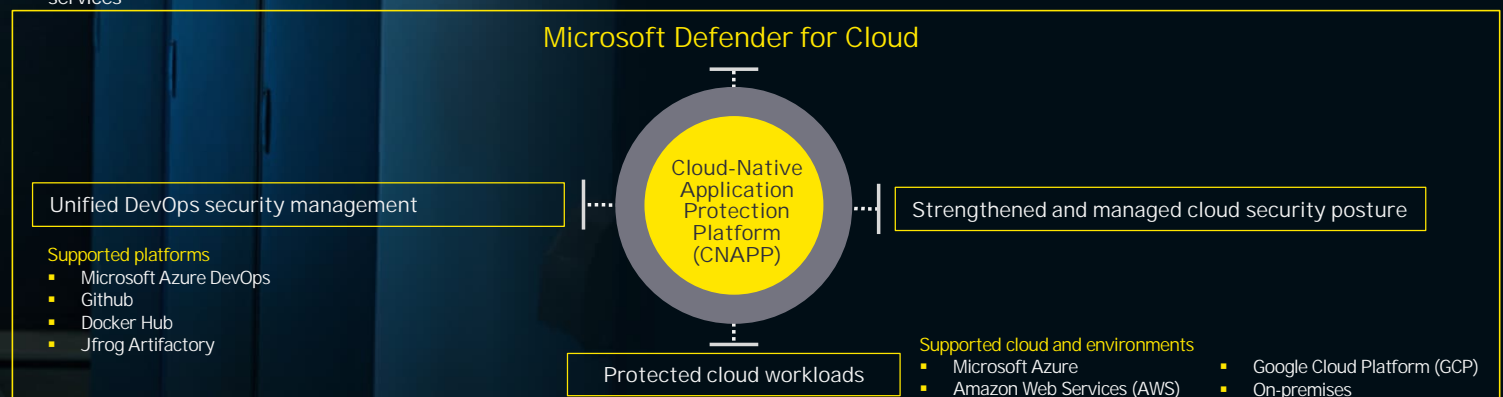
The **Cloud Security Posture Management Enablement with Microsoft Defender for Cloud** offers real-time visibility, automated standardizing, resource auditing and continuous compliance with industry standards to address the complexities and security challenges of modern cloud environments. EY teams help enable CSPM for 30 days, configure advanced features and provide an independent third-party report which outlines risks, gaps and an actionable, prioritized remediation plan. The CSPM service aligns with clients' business objectives by enhancing security, helping ensure compliance and improving operational efficiency. Key objectives include:

- Protecting sensitive data and reducing security risks
- Meeting industry standards and regulatory requirements
- Streamlining security management and integrating security into development processes
- Providing secure and compliant adoption of new technologies and cloud services

Solution benefits

The **CSPM Enablement with Microsoft Defender for Cloud** solution offers a broad approach to helping manage and secure your organization's cloud environment. It offers key capabilities that make the CSPM solution an invaluable asset:

- Displays real-time visibility with instant insights into the security posture of your cloud environment
- Provides continuous monitoring of compliance needs with industry standards and regulations
- Provides automated standardizing and resource auditing capabilities
- Creates a unified view of all cloud resources
- Facilitates the ability to deploy CSPM, leveraging infrastructure as code (IAC), policy as code (PAC) and modern DevSecOps pipelines
- Offers support for multiple cloud environments, helping ensure broad security across all platforms
- Provides centralized compliance and permissions management for streamlined governance



Solution differentiators

- **Extensive experience**
Proven track record of providing cloud security services across various industries, leveraging deep and extensive experience to tailor solutions that meet the unique needs of each client
- **Phased implementation approach**
Structured approach that includes phases of planning and design, reviewing, and analysis and discovery, helping ensure a thorough and customized implementation process that aligns with business objectives
- **Proof of value beyond proof of concept (POC)**
Methodology beyond a POC that assesses the actual value the solution brings to organizations, reducing risks and enhancing alignment with business outcomes before full-scale implementation
- **Integration with DevSecOps**
CSPM solution that seamlessly integrates security and compliance testing with modern DevSecOps practices, balancing security and speed while leveraging tools like GitHub and Microsoft Azure DevOps for native integration
- **Vendor Consolidation and Cost Reduction**
Reduced duplicative costs of various security point solutions by consolidating vendors, simplifying security policy enablement, and reducing complexity, which ultimately lead to cost savings and operational efficiency

Joint value proposition

- With the EY organization's proven risk discovery methods and technical experience of Microsoft, clients benefit from optimized solutions, fast deployment and seamless integration. The collaboration helps ensure transparency, objectivity and thought leadership, assisting organizations in achieving better security and compliance outcomes.
- Together, EY teams and Microsoft provide a broad approach to enhancing your organization's security posture through continuous monitoring and automated remediation using the CSPM tools of Microsoft. This includes thorough planning, design and analysis phases to help ensure a customized implementation. The EY organization's deep domain experience provides tailored solutions that align with business objectives and regulatory requirements.
- The collaboration simplifies security management by leveraging industry experience and integrating multiple cybersecurity tools into a single platform: Microsoft Defender for Cloud. This reduces complexity, balances security and speed, and lowers costs by eliminating redundant security solutions.

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EY and Microsoft: Helping the world work better to achieve more.

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EY and Microsoft bring a compelling formula to spark the potential of the cloud and unlock the power of data. We solve our clients' most challenging issues by blending trusted industry expertise with innovative cloud technology. Our strategic relationship draws on decades of success developing visionary solutions that provide lasting value.

Together, we empower organizations to shape the future with confidence.

For more information, visit: ey.com/microsoft

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