

Capgemini *Cloud security services* powered by Microsoft

Protect what you build across clouds, containers and AI workloads



Securing your cloud-first enterprise with intelligent, unified defense

As enterprises accelerate cloud adoption, they face an increasingly complex and dynamic threat landscape. From misconfigurations and unsecured workloads to expanding container and AI deployments, cloud environments introduce unique risks that traditional security tools often fail to address.

Capgemini's Cloud Native Application Protection platform (CNAPP) Solution, powered by Microsoft Defender for Cloud provides unified visibility, strengthens security and compliance posture, and protects workloads across multi-cloud and hybrid environments.

By combining Microsoft's cloud-native capabilities with Capgemini's expertise, we help organizations detect misconfigurations and vulnerabilities faster, detect threats earlier, respond and remediate faster, and maintain continuous compliance — without slowing innovation. For optimal cloud protection and continuous monitoring, Capgemini's CNAPP solution can be paired with Microsoft's MXDR service.

The challenge

Organizations today face:

- Expanding attack surfaces across IaaS, PaaS, SaaS, and hybrid workloads
- AI integration complexities and regulation
- Cloud misconfigurations leading to data exposure and compliance risk
- Limited visibility into multi-cloud environments and DevOps pipelines
- Evolving threats targeting containers, databases, and AI services
- Siloed security, IT and Cloud operations

To stay resilient, enterprises are adopting CNAPP to enable advanced analytics, automation, and intelligence for continuous posture hardening and risk management. CNAPP integrates several modules:

- Cloud Security Posture Management (CSPM)
- Kubernetes Security Posture Management (KSPM)
- Data Security Posture Management (DSPM)
- Cloud Workload Protection Platforms (CWPP)
- Cloud Infrastructure Entitlement Management (CIEM)
- Cloud Detection and Response (CDR)
- Shift Left Security (SLS)

Microsoft Defender for Cloud unifies these capabilities, delivering posture visibility, threat detection, and workload protection across Azure, AWS, GCP, and hybrid environments.

Our solution: Cloud security with Microsoft

Capgemini helps operationalize cloud security at scale by integrating Microsoft Defender for Cloud into your broader cyber defense strategy.

Key Capabilities:

- **Unified cloud visibility:** A single view of security posture across cloud and hybrid workloads — from servers, containers, databases, IaC, AI services to APIs.
- **Cloud security posture management:** Continuous assessment of configurations and compliance with industry standards, identifying and prioritizing risks.
- **Data Security Posture Management:** Ongoing identification of sensitive data across structured and unstructured repositories.
- **Cloud workload protection:** Defender modules secure servers, databases, containers, and app services for consistent coverage.
- **Integrated threat detection and response:** Built-in analytics and automated playbooks enable faster response and streamlined workflows.
- **Security for AI and data services:** Extends protection to AI workloads and data pipelines to secure innovation.
- **Actionable insights and recommendations:** Prioritized guidance for remediation to improve cloud security maturity.

Why Capgemini

Capgemini combines deep cloud, security, and Microsoft expertise to help enterprises build secure, scalable, and compliant cloud environments.

- **Successful CNAPP adoption:** Strategy and roadmap tailored to business context, risk appetite, and operating model.
- **Microsoft-verified partner:** 25+ years of collaboration, with multiple cloud and security specializations including Azure Modernize and Management Program (AMMP).
- **Global Cyber Defense Centers (CDCs):** 24x7x365 monitoring and response, CNAPP policy optimization, and outcome management.

- **Proven Azure deployments:** Integrated methodologies for posture assessment, risk mapping, and continuous improvement.
- **Integrated operations:** Seamless collaboration between security, IT, and cloud teams for effective remediation.
- **AI-driven analytics:** Embedded intelligence for faster detection, response, and automated remediation.
- **End-to-end cloud security delivery:** From assessment and design to managed operations, ensuring measurable outcomes.

Business outcomes

With Capgemini's Cloud Security Solution, enterprises can:

- **Achieve full visibility** across cloud workloads
- **Reduce** the number of **critical vulnerabilities** and the attack surface
- **Reduce risk** through proactive posture management and effective remediation
- **Detect and mitigate threats** faster with automation
- **Ensure compliance** across multi-cloud and hybrid environments
- **Build a secure foundation** for innovation and AI adoption

Secure the cloud. Enable the future.

Capgemini and Microsoft help you stay ahead of emerging threats by securing your cloud environments from the inside out. Our solution delivers continuous protection, actionable insights, and operational efficiency — empowering your teams to innovate with confidence.

- Request a workshop to see how Capgemini and Microsoft can protect your enterprise.
- **Contact our** cybersecurity experts to see if you qualify for a no cost workshop.

**Protect what you build. Build what you trust.
Make it Real.**

About Capgemini

Capgemini is an AI-powered global business and technology transformation partner, delivering tangible business value. We imagine the future of organisations and make it real with AI, technology and people. With our strong heritage of nearly 60 years, we are a responsible and diverse group of 420,000 team members in more than 50 countries. We deliver end-to-end services and solutions with our deep industry expertise and strong partner ecosystem, leveraging our capabilities across strategy, technology, design, engineering and business operations. The Group reported 2024 global revenues of €22.1 billion.

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