

TREND VISION ONE™

Cloud Security

Comprehensive, proactive cloud security for hybrid and multi-cloud environments

Secure your cloud, simplify your operations

In today's rapidly evolving digital landscape, cloud environments face sophisticated and persistent threats. Organizations must ensure robust security for their hybrid and multi-cloud environments to protect critical assets, maintain compliance, and accelerate their business.

Trend Vision One™ Cloud Security offers a comprehensive set of capabilities designed to predict, protect, and respond to threats rapidly. By leveraging advanced technologies such as AI and machine learning—along with our powerful Trend Vision One™ Cyber Risk Exposure Management (CREM) solution—the platform enhances visibility, risk management, and operational efficiency, empowering your security teams to stay ahead of potential threats.

Proactive cloud security starts with Trend Vision One™

Trend Vision One, our AI-powered enterprise cybersecurity platform, is your centralized dashboard. It enables real-time risk assessment, exposure management, monitoring, and detailed visibility into potential threats and attack paths. Leverage predictive models, proactive security measures, machine learning, and AI to predict potential threats and automate responses. This enables comprehensive cloud threat and exposure management and integrates detection and response capabilities, easing the burden on your security teams.

Outpace cloud adversaries with these powerful capabilities:

- Trend Vision One™ Cloud Risk Management
- Trend Vision One™ XDR for Cloud
- Trend Vision One™ Server and Workload Security (SWP)
- Trend Vision One™ Container Security
- Trend Vision One™ File Security
- Trend Vision One™ Code Security

KEY BENEFITS:

- Unify your cloud risk visibility
- Proactively manage your cloud risk
- Enhance your operational efficiency
- Seamlessly integrate with your existing infrastructure
- Simplify your compliance and cost management

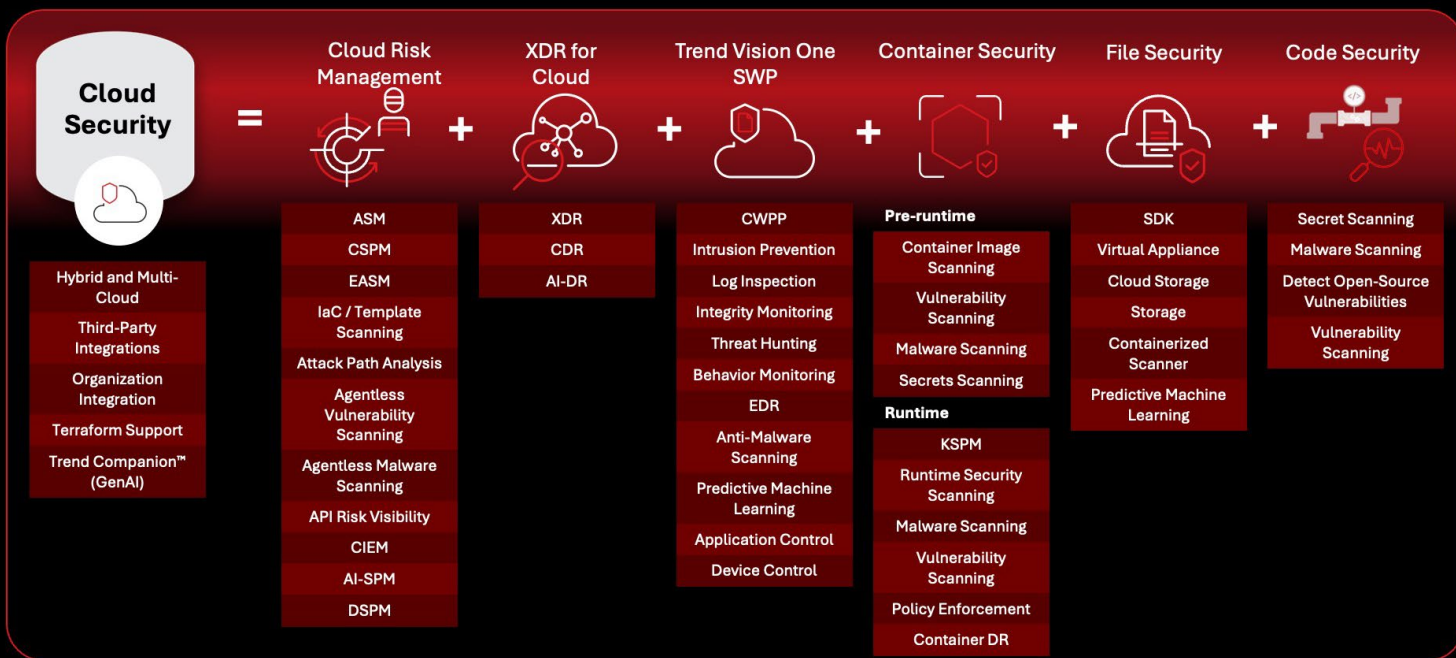


Figure 1: Cloud Security overview

Cloud Risk Management

Organizations struggle to maintain visibility and manage risks across their sprawling cloud environments, often resulting in unmitigated vulnerabilities and potential attack vectors. Designed to provide a comprehensive view of your cloud risk landscape, our Cloud Risk Management capability combines attack surface discovery, risk assessment, and mitigation abilities, enabling your organization to prioritize and remediate risks effectively. It integrates seamlessly with your existing security infrastructure, offering real-time monitoring and detailed visibility into potential threats and attack paths.

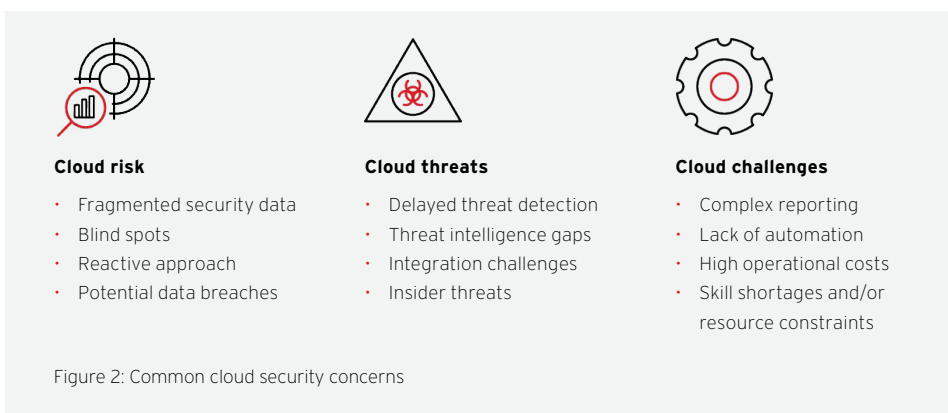


Figure 2: Common cloud security concerns

Cloud Risk Management features:

- Attack path prediction
- Centralized risk view for all cloud accounts
- Continuous risk assessment and prioritization
- Proactive threat detection and mitigation
- Compliance and reporting
- Broad agentless capabilities

Continuous risk assessment and prioritization

- External attack surface management (EASM): Monitor your external digital assets for vulnerabilities
- Cloud security posture management (CSPM): Ensure your cloud configurations comply with best practices
- Cloud infrastructure entitlement management (CIEM): Manage cloud access controls and entitlements
- Data security posture management (DSPM): Protect sensitive cloud data and ensure compliance
- AI security posture management (AI-SPM): Leverage powerful AI for advanced threat detection and mitigation

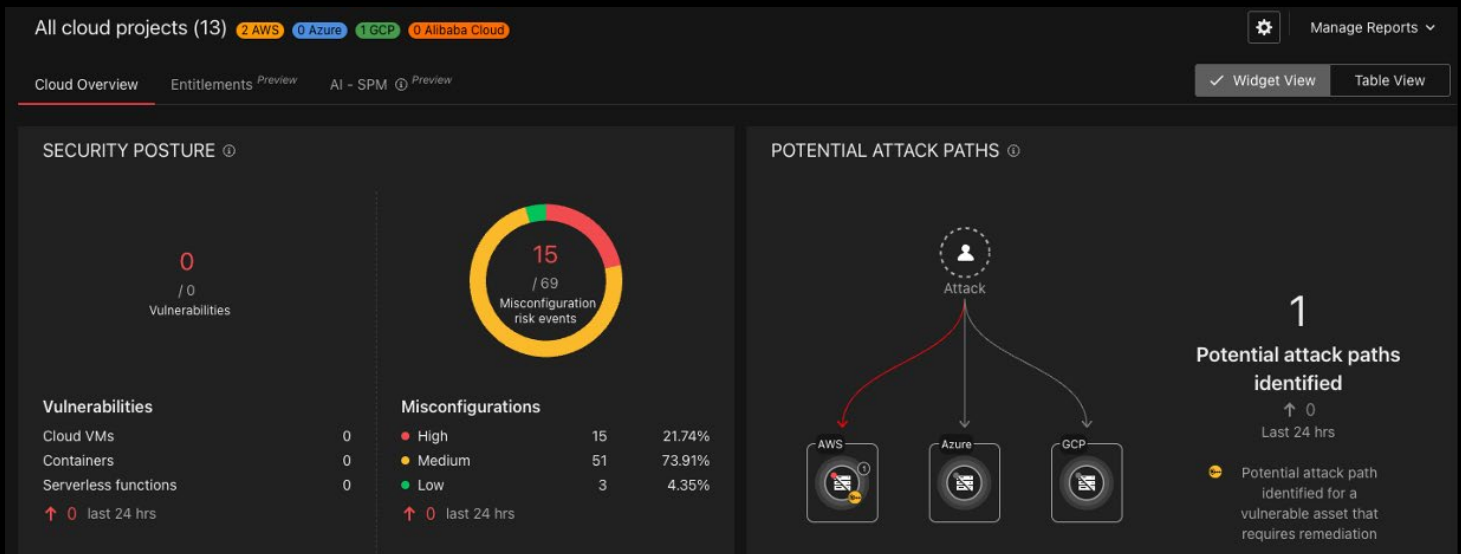


Figure 3: Cloud overview within Trend Vision One

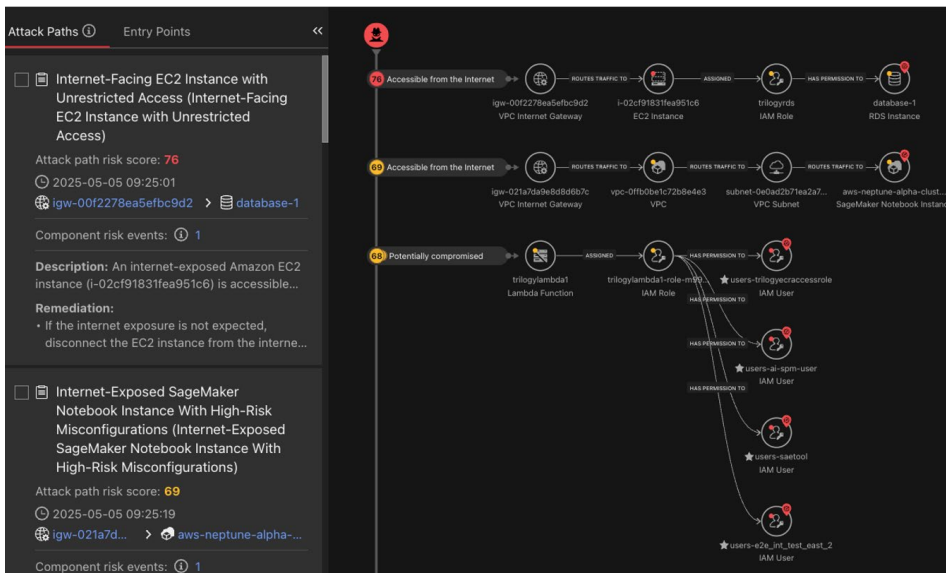


Figure 4: Attack paths overview within Trend Vision One

Navigate cloud risks with precision

- Enhance your visibility across all cloud accounts
- Proactively identify and mitigate risks
- Predict attack paths before they are compromised
- Improve your overall security posture

Container Security

Securing containerized environments throughout their lifecycles is challenging, particularly with the rapid pace of development and deployment, potentially leading to vulnerabilities in production. Through our Container Security capability, safeguard your containers throughout their entire lifecycle, from build to deployment and runtime. Enable comprehensive protection and ensure compliance, enhancing your visibility and proactive risk management.

Container Security features:

- Advanced container image scanning with detection and response
- Policy-based admission control
- Container pre-runtime and runtime protection
- Seamless integration with CI/CD pipelines

Protect Containers from Build to Run

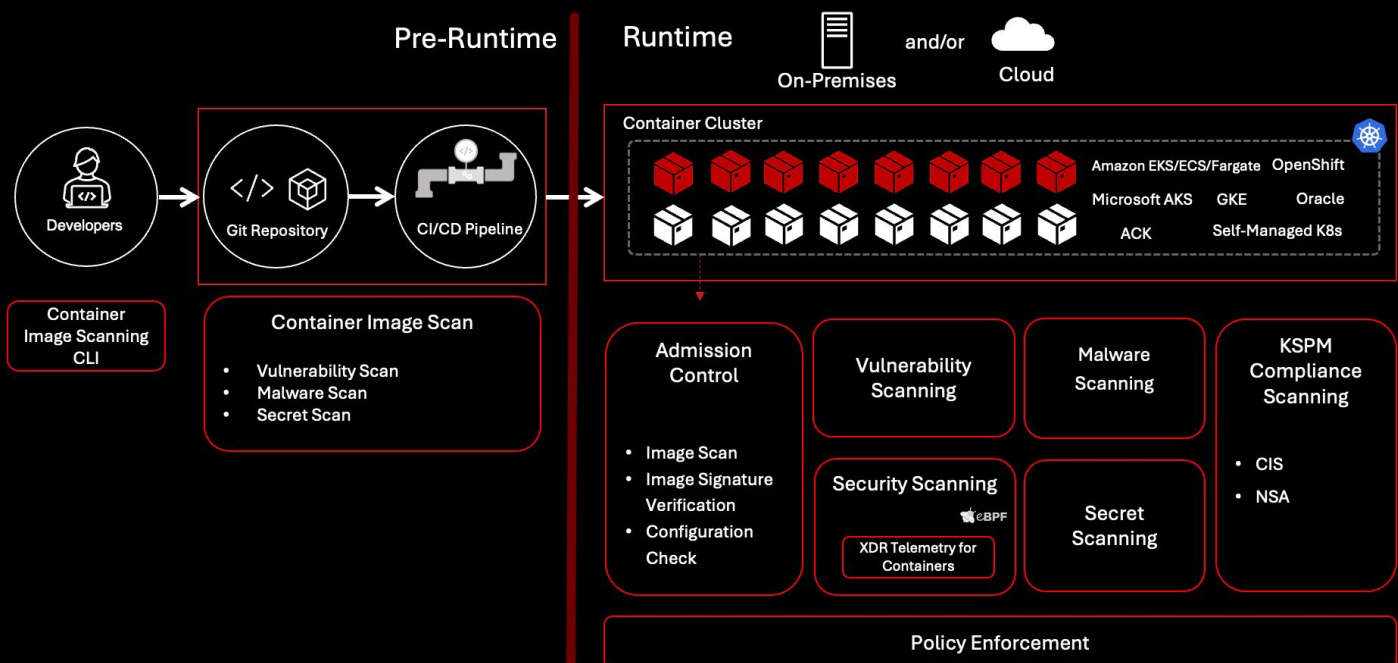


Figure 5: Container Security pre-runtime to runtime protection overview (continued)

Pre-runtime protection

In the pre-runtime stage, Container Security performs vulnerability, malware, and secret scans on container images, enabling you to identify and fix issues before they reach your production environment. Image scan results can be used as admission control rules to enforce policies that prevent non-compliant images from deploying.

Runtime protection

During runtime, we continue to monitor vulnerabilities, malware, and secrets, while also tracking process, file, and network activities for any malicious behaviors, such as drift or anomalies, and remediating rule violations. Scheduled compliance scans ensure adherence to standard benchmarks. Enhanced by XDR and Cloud Risk Management, Trend Vision One provides visibility and context into container environments, prioritizing attacks, risks, and vulnerabilities for fast remediation.

Secure containers from development to deployment

- Enable continuous protection throughout your container lifecycle
- Prevent vulnerabilities before they reach production
- Streamline security integration with development processes

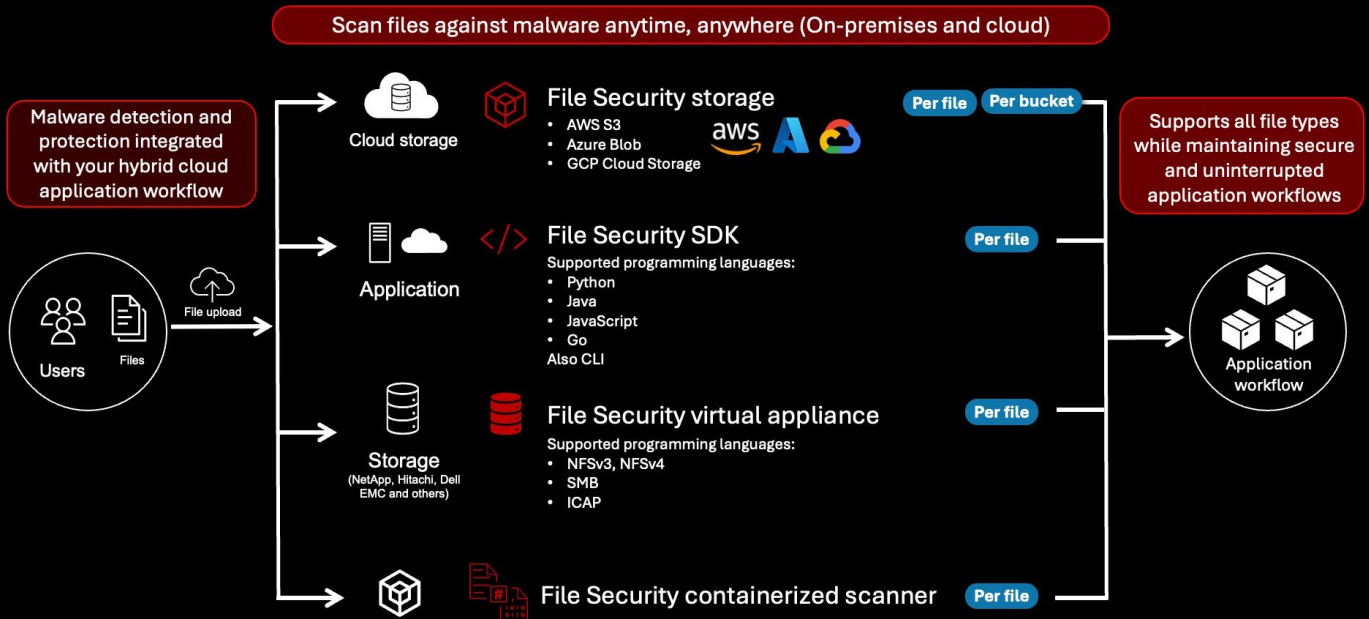


Figure 6: File Security overview

File Security

Protecting cloud file and object storage services from malware and other threats is critical, yet often difficult due to the dynamic nature of cloud environments and the constant flow of data. Implement robust protection for cloud file and object storage services with our File Security capability, complete with support for on-premises file storage via virtual appliance, SDK, and containerized scanner.

Leveraging cloud-native application architectures, File Security offers comprehensive anti-malware and automated per-upload file scanning to detect and mitigate threats effectively. This ensures that your files remain secure and compliant, whether you need to scan them in the cloud or on-premises.

File Security features:

- Anti-malware scanning in the cloud or on-premises
- Automated per-upload file scanning
- Integration with cloud-native architectures
- Real-time threat detection and mitigation

Seamlessly protect your cloud-based files

- Enable real-time protection against malware and threats
- Leverage automated scanning for seamless security
- Enhance compliance with industry standards

Trend Vision One™ Server and Workload Security (SWP)

Ensuring comprehensive protection for servers, cloud workloads, and containers against advanced threats is essential, yet complex, due to the diverse and evolving nature of these environments. Protect servers, cloud workloads, and containers against advanced threats. Enhanced by powerful Cyber Risk Exposure Management and XDR capabilities, Trend Vision One SWP ensures comprehensive protection for your critical assets. Maintain a robust, proactive security posture by leveraging our customizable dashboard and real-time monitoring.

Enable comprehensive protection for servers and workloads

- Enhance your visibility and risk management
- Gain advanced threat detection and response
- Streamline monitoring and control

Code Security

Integrating security early in the development process is crucial to prevent vulnerabilities and threats from reaching runtime environments. Organizations need a way to efficiently trace threats throughout an application's lifecycle while integrating development, security, and operations practices to break down silos and enhance collaboration.

Code Security enables you to integrate security early in the development process, starting with CI/CD pipelines. Expand your visibility into threats such as malware, vulnerabilities, and secrets, preventing them from reaching runtime environments. Your code remains secure throughout its lifecycle, from creation to cloud deployment. Build security into your applications from the very beginning by maintaining continuous visibility—and linking development and runtime insights—through Trend Vision One.

Security from code to cloud

- Detect and prevent vulnerabilities early
- Integrate seamlessly with development workflows
- Enhance your visibility, from code creation to deployment

Trend Vision One SWP features:

- Log inspection
- Integrity monitoring
- Intrusion prevention
- Virtual patching and recommendation scan



The cloud posture tool is key to helping us define misconfigurations and helping us ensure that we align with HIPAA and HITRUST and the NIST cybersecurity framework.

Dr. Andrew Adams
Associate Manager of
Information Security, Xsolis



Code Security features:

- Integration with CI/CD pipelines
- Threat visibility and mitigation
- Prevention of malware, vulnerabilities and secrets in code
- Continuous visibility from code to cloud

XDR for Cloud

Managing the cloud is complex and overwhelming, with siloed tools and constant false positives making it hard to stay focused on what really matters and leaving you blind to new threats. XDR for Cloud detects threats within cloud-native infrastructure telemetry, turning noise into clarity. Empower your team to scale fast and securely by integrating multiple log sources across your cloud environments and enterprise systems, gaining comprehensive visibility and security across all layers.

XDR for Cloud features:

- Integration of multiple log sources including Amazon Security Lake, Microsoft Azure Monitor Activity log, AWS CloudTrail, virtual private cloud, containers, endpoints, networks, compute, and storage
- Detection of identity and access management (IAM) privilege escalation, policy rollbacks, and master password modifications
- Amazon Simple Storage Service (Amazon S3) data exfiltration attempts, multi-factor authentication deactivations, and more
- Automated protection and response actions with over 250 advanced detection models

Achieve clarity in cloud security

- Unify your cloud protection and visibility with one glance
- Transform logs into actionable threat data
- Detect and respond to suspicious cloud activity effortlessly
- Enhance your threat hunting with AI-driven insights



Figure 7: XDR for Cloud visibility and integration overview



Trend Micro named a **2024 Gartner Peer Insights™ Customers' Choice** for Cloud-Native Application Protection Platforms (CNAPP)

The Forrester Wave™: Cloud Workload Security, Q1 2024 Strong Performer with the largest Market Presence

Ranked #1 in IDC Cloud-Native Application Protection Platform Market Share six years running



Proactive security starts here

Trend Vision One is the only enterprise cybersecurity platform that centralizes cyber risk exposure management, security operations, and robust layered protection to help you predict and prevent threats, accelerating proactive security outcomes.

About Trend Micro

Trend Micro, a global cybersecurity leader, helps make the world safe for exchanging digital information. Fueled by decades of security expertise, global threat research, and continuous innovation, the Trend Vision One enterprise cybersecurity platform harnesses AI to protect hundreds of thousands of organizations and millions of individuals across clouds, networks, devices, and endpoints. TrendMicro.com

Sign up for a free 30-day trial at TrendMicro.com/trial

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