Cohesity IT Analytics for Risk Management

Proactively Identify Gaps, Reduce Downtime Risk, and Improve Cyber Resiliency

In today's complex IT environments, the pressure is on IT and security teams to proactively detect threats and minimize business impact. With increasing ransomware attacks, misconfigurations, and backup gaps, identifying risks early is crucial to maintaining operational continuity. Traditional monitoring solutions often miss critical vulnerabilities that can jeopardize service availability and data integrity. It also raises the question on how we proactively reduce risk, identify ransomware exposures, and recover faster?

Cohesity IT Analytics surfaces unprotected assets, ransomware exposures, and SLA risks with AI-driven insights to empower teams to proactively manage threats and strengthen recovery confidence.

Overview

Cohesity IT Analytics combines AI-driven anomaly detection with unified data visibility to surface and manage risks across your entire environment. ITA monitors backup behaviors, job failures, policy changes, login anomalies, and infrastructure vulnerabilities in real time. By correlating telemetry from backup systems, IT, and security environments, ITA helps teams identify potential threats—whether ransomware, misconfigurations, or unprotected workloads—before they disrupt operations. With integrated alerting and automation, ITA ensures that your team can respond quickly and effectively to emerging risks. Whether it's detecting ransomware, managing SLA risks, or improving cyber resilience, ITA equips your team with the intelligence needed to act fast and recover smart.

Key Benefits

- **Risk Mitigation Analysis** - Displays an interactive chart of risk categories, identifying opportunities for risk mitigation.

- **Unprotected Asset Discovery** - Detect under protected workloads, misconfigured systems, or backup gaps across your infrastructure, ensuring comprehensive coverage.

- **Risk Mitigation Trends** - Displays risk mitigation trends over time, allowing administrators to uncover risk-prone areas and assess areas within the enterprise that may be at risk of failing. Users can configure rules to isolate specific conditions relevant for their environment.

- **Ransomware Resilience Scoring** - Measure your organization's preparedness with integrated ransomware scorecards, identifying vulnerabilities such as job size shifts, deduplication drops, or anomalous backup behaviors.

- **Root Cause Insights via Alta Copilot** - Use natural language queries to gain deep insights into system issues, accelerating investigation and root cause analysis.
- **Integrated Alerts and Automation** - Route high-risk alerts and remediation workflows directly into ITSM tools like ServiceNow, streamlining incident management and response.

Fig. 1: Risk assessment dashboard

Why It Matters

Proactively managing risk is essential for maintaining business continuity in the face of rising threats and evolving service expectations. ITA helps your team identify risks early whether through ransomware detection, SLA failure prediction, or backup gaps allowing you to mitigate potential damage before it escalates into a crisis. With Cohesity IT Analytics, risk management becomes a continuous, data-driven process, ensuring that you have the evidence and visibility needed to manage your environment with confidence.

Deployment Flexibility

Cohesity IT Analytics offers two deployment options tailored to your organization's needs:

- **ITA-as-a-Service (ITaaS):** A fully cloud-hosted, continuously updated solution that delivers the latest risk detection models without the need for infrastructure management.
- **Self-Managed ITA:** An on-premises deployment for organizations that require full control over data privacy and security, offering a customizable risk management platform.

Both options include:

- **Alta Copilot for Conversational Incident Analysis**: Use natural language queries to accelerate risk analysis and gain real-time insights into incidents.
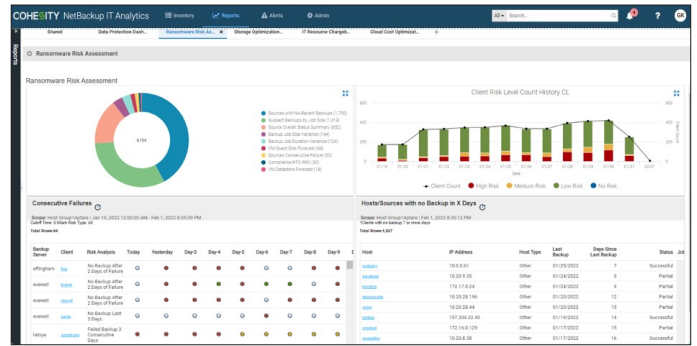
- **Comprehensive Risk Dashboards**: Visualize potential threats, ransomware readiness, SLA risks, and underprotected assets.
- **Agentless Data Collection**: Simplify monitoring and data collection without the need for additional agents across hybrid and multicloud environments.
- **API Integration for Alert Routing**: Seamlessly integrate risk alerts into existing ITSM platforms like ServiceNow, ensuring that issues are tracked and resolved efficiently.

Conclusion

Cohesity IT Analytics equips your team with the insights and tools necessary to manage and mitigate risks in hybrid and multicloud environments. By providing real-time visibility, predictive analytics, and actionable intelligence, ITA ensures that you can stay ahead of threats and minimize the impact of potential disruptions. With its seamless integration into your risk management strategy, ITA becomes a cornerstone of your cyber resilience framework, enabling faster response times, smarter recovery, and better business continuity.

Visit Cohesity to learn more.

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cohesity.com
1-855-926-4374
2625 Augustine Drive, Santa Clara, CA 95054

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