COHESITY

Cohesity IT Analytics for Operational Insights

Streamline operations with unified, AI-powered infrastructure visibility

In today's complex hybrid environments, unprecedented data growth and hybrid cloud complexity can cause IT teams struggle with fragmented tools, siloed data, and operational blind spots. These challenges hinder resource optimization, and SLA compliance, ultimately affecting uptime and operational efficiency while addressing these questions -

- Do we have a consolidated view of our on-premises, hybrid and cloud IT infrastructure?
- Who is consuming the storage, and at what rate?
- Were backups completed successfully?
- Should this workload be moved to the cloud?
- What resources will we really need to move particular workloads to the cloud?

Overview

Cohesity IT Analytics (ITA) offers a unified, AI-powered solution that delivers real-time visibility across backup, storage, and virtual environments. By consolidating over 30,000 data points from multi-vendor infrastructures, ITA helps teams proactively identify inefficiencies, detect risks, and accelerate troubleshooting. Whether deployed as a SaaS solution or managed on-prem, ITA simplifies operational management, enhances productivity, and ensures smooth service delivery.

Key benefits

- **Centralized, Cross-Domain Dashboards** - Eliminate data silos and gain a single view across all platforms, including Cohesity, NetBackup, Veeam, Commvault, and cloud-native tools. (See figure 1,2 and 3)
- **Predictive Monitoring** - Stay ahead of potential SLA violations with proactive backup monitoring and root-cause analytics.
- **AI-Powered Issue Resolution** - Accelerate troubleshooting with anomaly detection, ticket correlation, and automated diagnostics.

Cohesity IT Analytics is the only extensible platform offering unified insights for backup, storage, and virtual infrastructure in a heterogeneous IT environment across on-premises and hybrid clouds.

- **Alta Copilot AI Assistant** - Ask natural language questions like "show failed jobs in the last 24 hours" or "why did backup on server X fail?" and get immediate answers.
- **Proactive Remediation** - Integrate with ServiceNow and alert systems to resolve issues before they escalate.
- **Improved Uptime** - Quickly identify and address underperforming clients and missed backups to prevent downtime.
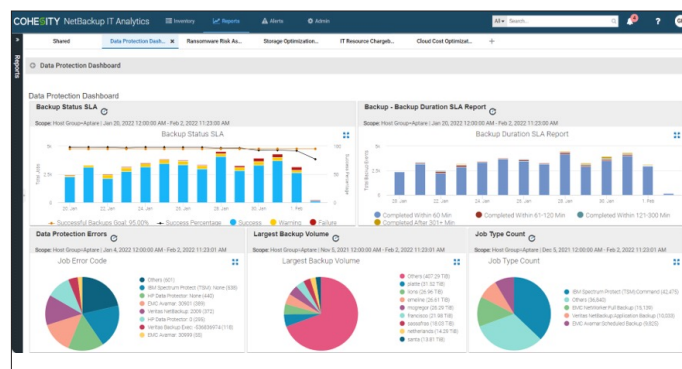
Use cases & problem solved

- **Reduced Backup Failures:** A global enterprise leveraged SLA violation tracking to reduce backup failures and improve SLA compliance.
- **Time Savings for IT Teams:** By automating backup job diagnostics, an infrastructure team saved valuable time, enhancing operational efficiency.
- **Faster Issue Resolution:** IT Ops integrated analytics into their helpdesk workflows, speeding up issue resolution and improving service delivery.
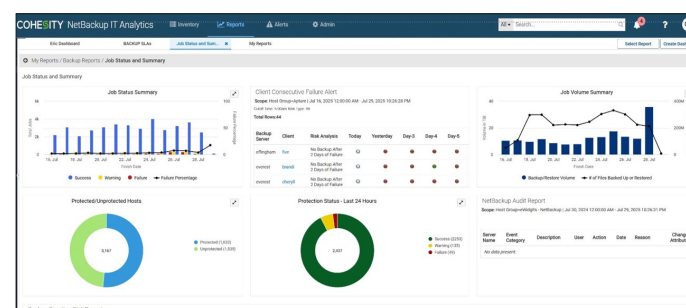
Conclusion

Cohesity IT Analytics transforms operational efficiency by providing unified, real-time visibility across multi-vendor environments. It replaces fragmented tools with actionable intelligence, empowering IT teams to proactively optimize their infrastructure, reduce troubleshooting time, and ensure better service uptime and SLA compliance.

Why it matters

As enterprises scale across hybrid and multicloud environments, operational blind spots can lead to costly downtime and inefficiencies. ITA helps close these gaps by offering AI-powered insights that allow IT teams to move from reactive firefighting to proactive optimization. With a clear, unified view of the entire infrastructure, operations teams can solve problems faster, optimize resource use, and maintain SLA compliance, ensuring business continuity.
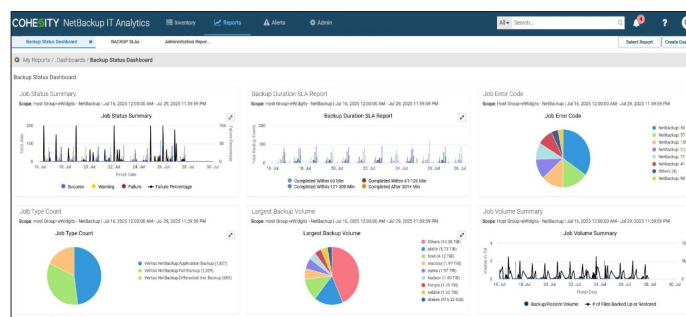

Fig. 1: Data Protection dashboard

Fig. 2: Job status and summary dashboard

Fig. 3: Backup status dashboard

Deployment flexibility

Cohesity IT Analytics offers two deployment options:

- **ITA-as-a-Service (ITaaS):** A fully managed, cloud-delivered solution that ensures your platform is always current and fully supported.
- **Self-Managed ITA:** An on-premises solution providing complete control over your infrastructure with the same powerful AI and analytics capabilities.

Both deployment models include:

- **Alta Copilot AI Assistant:** A natural language interface for quick, actionable insights.
- **Agentless Telemetry Collection:** Simplifies monitoring without the need for agents.
- **Multicloud Support:** Integrates seamlessly with AWS, Azure, and GCP.
- **Integration with Leading Platforms:** Supports a broad range of environments, ensuring comprehensive visibility across your infrastructure.

Cohesity IT Analytics enables IT teams to stay ahead of operational challenges, optimizing infrastructure management, minimizing risks, and ensuring smooth service delivery.

Visit Cohesity to learn more.

COHESITY

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