

EMC Data Protection Advisor and EMC Avamar

The Big Picture

- Enhanced, centralized monitoring and reporting for Avamar family via Data Protection Advisor provides a 360-degree view of your Avamar environment, including backup servers, networks, and devices
- Extending Data Protection Advisor coverage to the entire backup infrastructure further increases Avamar management efficiency by providing increased visibility and insight across all elements, domains, and locations

EMC® Data Protection Advisor collects and analyzes information from your entire data protection infrastructure, accelerating access to information, saving time and money, enabling faster decision making, and improving data protection. Through support for heterogeneous backup infrastructures, including EMC backup solutions, Data Protection Advisor reduces the cost and risks associated with managing a data protection environment, enabling you to get more from your existing investments and increase efficiency.

Backup management challenges

Most environments do not have centralized monitoring and alerting across backup solutions and supporting infrastructures. This creates stovepipes of information that restrict visibility, access to information, and timely resolution of problems, leading to sub-optimal use of resources, increased manual effort, and higher data protection risk—all resulting in significant costs.

Data Protection Advisor with Avamar

Data Protection Advisor provides advanced capabilities for your EMC Avamar® environment, such as:

- Centralized monitoring and reporting across all Avamar systems, with long-term trending capabilities to improve planning, provisioning, utilization, and chargeback
- Monitoring of capacity utilization, CPU utilization, memory, and port performance, which provides insight into performance bottlenecks and deduplication statistics highlighting which clients do or do not benefit from deduplication
- Analysis of the impact of policy or configuration changes for rapid troubleshooting

Extending Data Protection Advisor to the entire backup infrastructure delivers a single view. This view unifies traditional backup systems and Avamar and enables you to:

- Customize and integrate with internal systems, such as trouble ticketing and asset management
- Highlight anomalies in the deployed environment, including clients that are not being backed up
- Improve Avamar management and reporting of replication and maintenance activities, including Garbage Collection, HFS, CP (Check Point), and Clones
- Keep a complete history of all Avamar activities including backup and restore jobs—successes, failures, and deduplication ratios
- Receive comprehensive reporting on compliance, risk mitigation (SLA, KPI, Audit), and SLA management

Using Data Protection Advisor with Avamar enables you to leverage IT to lower costs through more efficient use of the infrastructure; improve compliance and lower data protection risk through better visibility and assurance that critical data is protected; and improve operations and protection by tracking and enforcing configuration changes.

Figure 1: Enhanced Avamar reporting via Data Protection Advisor—Backup Job Summary and Report Card

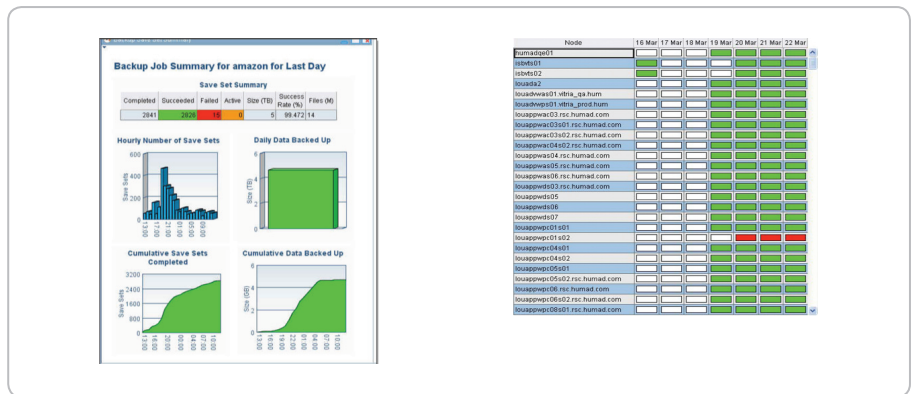


Figure 2: Data Protection Advisor for the entire backup infrastructure further increases Avamar management efficiency by integrating backup application, disk library information, and more for increased visibility and insight.



Data Protection Advisor’s support of heterogeneous environments is enabled by its broad backup application support, which includes:

- EMC NetWorker®
- EMC Avamar
- CA ARCserve
- Commvault Galaxy
- HP OpenView Storage Data Protector
- IBM Tivoli Storage Manager (TSM)
- Oracle Recovery Manager (RMAN)
- Symantec Backup Exec
- Symantec NetBackup

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Take the next step

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