

EMC Data Protection Advisor for EMC Disk Libraries

The Big Picture

- Data Protection Advisor provides centralized monitoring and reporting across all systems, delivering powerful capabilities to improve capacity planning, purchasing, and resource utilization
- Extend Data Protection Advisor coverage, through a simple license upgrade, to the entire backup infrastructure to gain new levels of Disk Library management efficiency by integrating the backup application and Disk Library information for increased visibility and insight

EMC Data Protection Advisor, a standard feature for new and existing EMC® Disk Library 1500, 3000, and 4000 systems, 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 risk of managing a data protection environment, helping you increase efficiency and optimize your existing investments.

Backup management challenges

Most environments do not have centralized monitoring and alerting across backup solutions and supporting infrastructures. This creates data stovepipes that restrict visibility and timely access to information. For virtual tape libraries, this includes access to information on available capacity, backup, restore, and cloning rates and configuration information that impact performance and compliance. This lack of information leads to inefficient use of resources, increased manual effort, data protection risk, and difficult, time-consuming configuration management.

Data Protection Advisor with EMC Disk Library

Each EMC Disk Library (DL) system comes standard with Data Protection Advisor and provides:

- Centralized monitoring and reporting across EMC Disk Libraries, with long-term trending capabilities to improve planning, provisioning, and utilization
- Monitoring of capacity utilization, CPU utilization, memory, port performance, and more
- Use of historical trends to predict future requirements for improved DL system utilization
- Deduplication statistics from the Disk Library, which enable you to manage the impact upon system performance and capacity
- Analysis of the impact of policy or configuration changes which enables fast troubleshooting

Extending Data Protection Advisor to the entire backup infrastructure delivers further benefits to EMC Disk Library management through integration of the backup application and Disk Library information. These benefits include:

- A better understanding of available capacity by factoring in recyclable volume information using Data Protection Advisor's customizable reporting
- Improved management of backup and cloning operations by tracking performance and always knowing when upgrades are needed. Backup windows are never compromised and data is always protected
- Determination of which data is best suited for backup to disk versus tape, enabling the most efficient use of your budget

Using Data Protection Advisor with EMC Disk Library enables you 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.

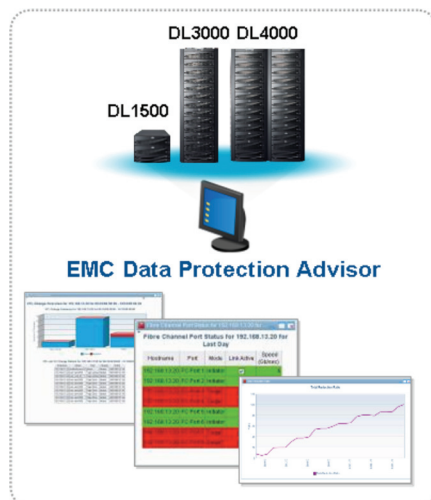


Figure 1. Enhanced Disk Library Monitoring and Reporting, via Data Protection Advisor, is now standard with each EMC Disk Library system.

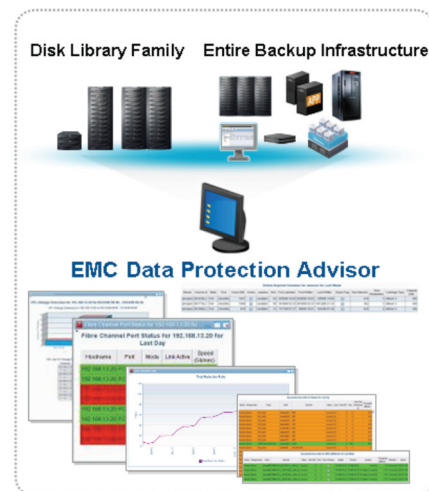


Figure 2. Data Protection Advisor for the entire backup infrastructure further increases Disk Library management efficiency by integrating backup application and Disk Library information for increased visibility and insight.

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
- Oracle Recovery Manager
- Symantec Backup Exec
- Symantec NetBackup

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