

# EMC Implementation for Disk Library

## The Big Picture

- Increased ROI through a fully operational implementation of EMC Disk Library that is configured to emulate leading open systems tape libraries, tape drives, and tape media
- Fast, accurate implementation that aligns business and technical requirements to fully leverage EMC Disk Library's features and functionality
- Expert implementation to bring faster backup and restore, improved service levels, compatibility with existing backup infrastructure, energy efficiency, and petabyte scalability
- Knowledge transfer to ensure your staff is fully enabled to realize the benefits of EMC Disk Library features and capabilities

EMC® Implementation for Disk Library is a custom service that helps you take full advantage of the advanced backup and restore capabilities of EMC Disk Library. This service offers an expertly implemented, disk-based solution that delivers faster backup and restore and improved service levels.

## EMC Disk Library

EMC Disk Library delivers industry-leading scalability, performance, and availability while emulating leading tape solutions. With support for more than three million backup configurations, EMC Disk Library is a simple-to-deploy and easy-to-use solution that enables disk-based backup and restore without changing your current operations or backup infrastructure.

## Proven methodologies

EMC service engagements are guided by the EMC Global Delivery Model, a proven methodology which ensures that we deliver fast, effective implementation services to our global customers. The extensive training that the EMC delivery team undergoes prior to a client engagement establishes a strong foundation for execution. Our technical consultants and architects have the expertise, training, and certification to help you realize all the benefits of your EMC implementation.

## EMC Implementation for Disk Library

EMC Global Services will work closely with your staff throughout the engagement to assure clear communication, updates on progress, and confirmation regarding the finalization of the EMC Disk Library implementation. Leveraging our Global Delivery Model ensures that the implementation service delivered meets your expectations. Your implementation will include the following.

### Planning and design

EMC Global Services meets with your team to ensure the environment is ready for the implementation by conducting a kick-off meeting to review project scope, expectations, communication plans, onsite equipment, and availability of required resources. A high-level project plan is developed with critical path events and milestones. An architecture design is created that meets your business and IT requirements, goals, expectations, and success parameters associated with the engagement. The proposed architecture is also documented in the configuration guide, and recommendations from previous EMC engagements are reviewed to ensure design consistency.

A test and acceptance plan is developed, and your planned use of EMC Disk Library features and functions are reviewed and validated to ensure all are appropriately used to provide you the greatest value from your EMC Disk Library solution.

### Implementation and testing

With the plan complete, experienced EMC services personnel or authorized agents work closely with your staff to install and configure the applicable EMC Disk Library systems and software.

Specifically, we initialize and configure EMC Disk Library, recommend zoning changes for engagement devices, install the console, create virtual tape drives and libraries, and perform non-standard virtual tape drive name and barcode configuration if required. We also attach one physical tape library unit

to a Disk Library server if required, configure optional Disk Library functionality, and assist with configuring the backup server to allow connectivity and operation of the VTL, share, or disk. Vendor-specific backup considerations for supported backup software are also addressed as needed.

### **Documentation, functional overview, and acceptance**

After the implementation is complete, EMC Global Services professionals perform the tests outlined in the test and acceptance plan, then meet with your staff for project closure and final signoff. Knowledge transfer regarding a basic functional overview of the EMC Disk Library is performed, and a documented configuration guide document is provided outlining the configuration as implemented.

### **Additional EMC Disk Library services**

EMC Implementation for Disk Library is part of a full suite of EMC services that helps you realize the most value from your EMC investment.

- **EMC Implementation for Disk Library Single-Engine QuickStart** service is ideal for environments that do not require the scope of the full implementation service. This service installs and configures one single-engine EMC Disk Library and two SAN clients and creates one virtual tape library and associated virtual tape drives and virtual tapes.
- **EMC Implementation for Disk Library Dual-Engine QuickStart** service is ideal for environments that do not require the scope of the full implementation service. This service installs and configures one dual-engine EMC disk library and two SAN clients, creates one virtual tape library and associated virtual tape drives and virtual tapes, and configures Automatic Engine Failover (AEF) between the two Disk Library engines.
- **EMC Installation for Disk Library QuickStart** installs and configures EMC Disk Library hardware including up to two storage processor enclosures, up to four standby power supplies, up to two four-gigabit disk array enclosures (DAE3P), up to a maximum of 64 DAE3Ps each with 15 four-gigabit SATA drives, and up to two Disk Library servers (Disk Library engine).
- **EMC Installation for Disk Library Expansion Shelf QuickStart** installs and configures up to four EMC expansion shelves into a previously implemented EMC Disk Library.

### **Look to EMC Global Services to deliver results**

EMC Global Services provides the strategic guidance and technology expertise that organizations need to address their business and information infrastructure challenges and derive the maximum value from their information assets and investments. We are committed to exceptional total customer experience through service excellence. Our 13,000+ professional- and support-service experts worldwide, plus a global network of alliances and partners, leverage proven methodologies, industry best practices, experience, and knowledge derived from EMC's 30-year information-centric heritage to address the full spectrum of customer needs across the information lifecycle: strategize, advise, architect, implement, manage, and support.



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#### **Take the next step**

Learn how EMC Global Services can help you strategize, implement, and derive maximum business value from your information infrastructure. Contact your EMC sales representative or visit us on the Web at [www.EMC.com](http://www.EMC.com).