

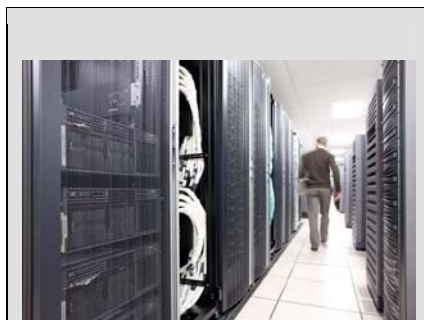
## Cisco Data Mobility Manager Planning and Design Service

Simplify Data Migration and Maintain Service Availability with a Fabric-Based Solution and Centralized Management

### Service Overview

#### Complex Strategies Invite Problems

Moving blocks of data between arrays is fundamental to storage management, but many traditional migration methods are complex and can cause service disruptions. Today's heterogeneous storage environments compound this problem by introducing multiple operating systems, file systems, application servers, volume management systems, and physical devices. These diverse environments force administrators to use complex data migration strategies with a variety of migration methods. Such strategies are prone to deployment errors that can reduce data availability, decrease performance, and corrupt data.



#### Centralized Migration Management

Controlling data migration through the SAN fabric simplifies storage management and reduces service disruption. This centralized approach can help you:

- Speed storage migration and resolve implementation, planning, and design problems more quickly
- Assure that your deployment is on time, on budget, and based on best practices
- Realize the expected benefits of your Cisco DMM solution
- Integrate Cisco DMM effectively in a multivendor environment
- Enhance staff skills through training and knowledge exchange with Cisco experts
- Reduce the risks inherent in any change to your IT infrastructure

#### Simplified Management Through an Intelligent SAN

The Cisco® Data Mobility Manager (DMM) uses centralized management that eliminates the need for multiple migration methods that involve host resources or array-based copying. A transparent insertion features lets storage administrators move data without configuration changes to the host, SAN, or array and without support from system, database, and application administrators. This simplified approach reduces the problems that disrupt service and accelerates the migration process as you upgrade, consolidate, and integrate new storage devices.

The Cisco Data Mobility Manager Planning and Design Service provides the proven expertise and practices to successfully deploy a Cisco DMM in a SAN fabric. Implementing Cisco DMM with the help of this service will let you transfer data nondisruptively across heterogeneous storage volumes. We help you deploy an intelligent SAN with the reliability, availability, and consistent performance that you need for a successful storage migration strategy.

Table 1 summarizes the activities, deliverables, and benefits of the Cisco Data Mobility Manager Planning and Design Service.

**Table 1.** Cisco Data Mobility Manager Planning and Design Service Activities, Deliverables, and Benefits

Activities and Deliverables	Benefits
<p>Discovery and data gathering analyze your SAN environment to determine its readiness for Cisco DMM.</p> <ul style="list-style-type: none"> <li>• Cisco DMM readiness assessment document <ul style="list-style-type: none"> <li>◦ Identifies features, functions, and abilities in the current SAN environment</li> <li>◦ Provides a gap analysis with remediation actions according to best practices for deploying the Cisco DMM</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Increases the readiness of your SAN environment for fast, secure data migration based on Cisco DMM</li> </ul>
<p>Design development</p> <ul style="list-style-type: none"> <li>• Software recommendation <ul style="list-style-type: none"> <li>◦ Reviews the current Cisco DMM requirements against the interoperability matrix and customer-specific requirements</li> <li>◦ Recommends a specific version of Cisco SAN OS</li> </ul> </li> <li>• High-level design document <ul style="list-style-type: none"> <li>◦ Provides a high-level outline and architecture</li> </ul> </li> <li>• SAN detail design worksheet <ul style="list-style-type: none"> <li>◦ Assists you in documenting your SAN environment and the detailed configuration of the Cisco MDS switches</li> </ul> </li> <li>• Low-level design document <ul style="list-style-type: none"> <li>◦ Provides the detailed configuration required to implement the Cisco DMM</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Provides an architectural view of your SAN to help you successfully integrate Cisco DMM</li> <li>• Speeds identification and resolution of planning and design problems</li> </ul>
<p>Knowledge transfer</p> <ul style="list-style-type: none"> <li>• Informal on-site training throughout the project</li> </ul>	<ul style="list-style-type: none"> <li>• Increases the knowledge of your storage staff so they can more quickly migrate data using Cisco DMM</li> </ul>
<p>Implementation</p> <ul style="list-style-type: none"> <li>• On-site configuration and implementation support helps you implement Cisco DMM based on the low-level design</li> </ul>	<ul style="list-style-type: none"> <li>• Accelerates implementation</li> <li>• Helps mitigate the risks of introducing change into your IT infrastructure</li> </ul>

## Benefits

The Cisco DMM Planning and Design Service helps you to implement a successful data migration solution quickly and successfully. The service helps you to:

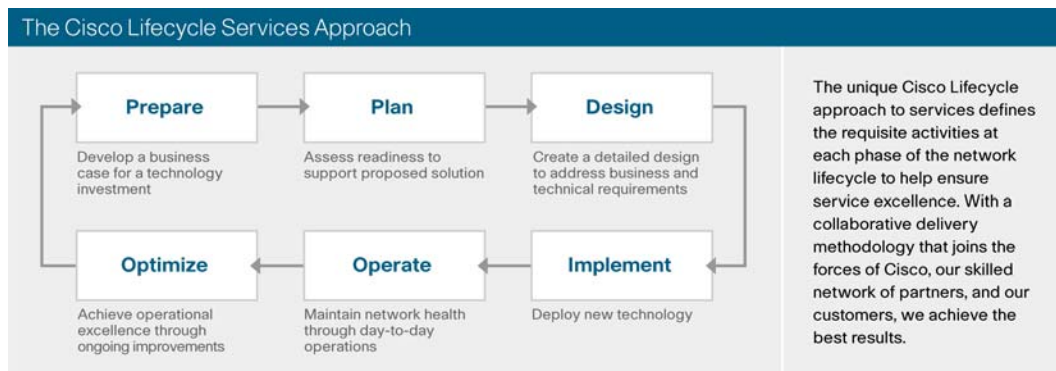
- Optimize the Cisco SAN Multilayer Director Switching (MDS) infrastructure for Cisco DMM
- Reduce risk and the effects on existing operations
- Accelerate time to deployment and data migration implementation

## Why Cisco Services

Cisco Services make networks, applications, and the people who use them work better together.

Today, the network is a strategic platform in a world that demands better integration between people, information, and ideas. The network works better when services, together with products, create solutions aligned with business needs and opportunities.

The unique Cisco Lifecycle approach to services defines the requisite activities at each phase of the network lifecycle to help ensure service excellence. With a collaborative delivery methodology that joins the forces of Cisco, our skilled network of partners, and our customers, we achieve the best results.



## Cisco and Partner Expertise

Cisco and our partners use leading practices and proven methodologies to help you quickly and efficiently migrate data for your SAN infrastructure and operation. The Cisco DMM Planning and Design Service is delivered by subject matter experts in Fibre Channel SAN-attached devices who specialize in providing guidance and oversight. They have a deep understanding of storage products and technologies and offer expertise based on extensive design and deployment experience with the Cisco MDS 9000 Family of multilayer switches and third-party storage devices. They also possess comprehensive knowledge of storage applications such as backup and replication.

## Availability

The Cisco Data Mobility Manager Planning and Design Service is widely available and can be purchased as a standalone service or as a complement to the Cisco SAN Planning and Design Service. For availability in your local area, contact your local Cisco account manager.

## For More Information

For more information about Cisco SAN Services, as well as the broad array of Cisco Services for the data center, contact your local Cisco account manager or visit [www.cisco.com/go/dcservices](http://www.cisco.com/go/dcservices).

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