

EMC Data Migration Services

The Big Picture

Key Benefits:

Automated Discovery

- Minimizes impact to your computing operations
- Shortens discovery time
- Expedites thorough planning

Remediation Analysis

- Leverages EMC E-Lab comprehensive testing
- Reduces risk associated with moving data to a new environment
- Provides options during remediation to reduce burden
- Automatically aggregates remediation reports
- Delivers remediation for virtual hosts

Correlation Engine

- Provides asset management for ultimate flexibility
- Delivers on-demand information
- Automates audit capabilities

Innovative Design

- Increases flexibility through streamlined design and planning
- Reduces costs through automated deliverables
- Ensures consistent service delivery

Challenge

New technologies can help you improve data management and operational efficiencies. But, to get the most out of your investment, you need to integrate these technologies quickly and effectively. You know that the new platform will improve performance and availability, but you are not sure you are ready for the challenges associated with the data migration process.

Data migration is a complex and often risk-ridden undertaking. Whether you are migrating to a single new storage system, consolidating several systems, or moving an entire data center, each step of the process must be carefully planned and executed. Migration windows are short and schedule delays are costly. Your operations cannot stop running while the data is being moved. In fact, the data will be changing during the planning and migration process. The migration process must be flexible enough to accommodate changes as they occur. EMC ensures that data migrations follow best practices, protect your data during movement, and validate your data accuracy after the migration.

Solution

Each month, EMC migrates multiple petabytes of data for customers with the world's most complex and extensive data centers. We offer a complete range of migration services, customized to address your business requirements. Highly trained technical architects work with you to plan every step of the process—from initial planning to final documentation. We use best practices and best-of-breed technology to perform both network and array-based replication across a range of platforms in both physical and virtualized environments.

The EMC® Migration Suite uses a common, integrated framework which makes data collected during one project stage available to the other phases. This framework expedites configuration verification, component remediation, and migration event planning. The EMC Migration Suite offers increased migration flexibility and reduces migration time while reducing risk.

EMC specialists take a structured approach to the migration to make certain that both the current and target environments are well-defined. To assure effective operations and limit risk, they leverage the work of the industry-leading EMC E-Lab™ to ensure that all interoperability issues are addressed and that the storage environments have been tested.

An EMC project manager (PM) is assigned to your account throughout the project—from initial planning and design to post-implementation. The PM coordinates logistics, creates a statement of work (SoW), and owns and manages the project plan, insulating your resources from disruption. You will be kept apprised of the project status and informed of any issues or obstacles that may impact the scope, schedule, or cost of the project. Finally, EMC migration services ensure that your information infrastructure is fully protected throughout the data migration process.

Service Value

As new technologies are integrated into your production environment, EMC Data Migration Services safeguard your information while accelerating time to value and reducing risk. Non-disruptive options eliminate host outages and maintain disaster recovery during the complex migration process. Our specialized expertise across a range of platforms provides the highest level of interoperability assurance.



Discovery and Correlation

Using automated tools to gather information about the virtual and physical hosts and the storage infrastructures, EMC technical architects build a model of the information infrastructure to expedite thorough data migration planning. We identify all assets and define an actionable outcome for each, consistent with your business, operational, and technical requirements. This critical step ensures the implementation plan meets your specific needs.

Planning

After a thorough analysis of your environment, EMC designs a solution, including the configuration of the storage subsystems, and develop a step-by-step migration plan. This step clarifies the sequence of events and the timetable for migrating specific data. The automated discovery and correlation tools provide increased flexibility to accommodate last-minute environment changes throughout the migration process.

Remediation and Validation

During the remediation and validation phase, interoperability issues are addressed and the outcomes are validated to ensure that the correct assets are migrated and that interoperability and performance are assured.

Migration and Testing

Data migration commences only after comprehensive planning and remediation are completed. EMC specialists move the data as defined in the project plan. They conduct procedural testing and validate the configuration.

Documentation and Acceptance

Confirming that your expectations are met is an important step. EMC reviews the implementation results, delivers documentation, and completes any necessary product orientation before considering the project complete.



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