

EMC Implementation for MirrorView/Cluster Enabler (MV/CE)

The Big Picture

- Maximize the potential of the combined Microsoft- and MirrorView-based infrastructure on all CLARiiON CX3 and CX4 platforms, including AX4-5
- Protect your data from storage failures, system failures, and site failures
- Reduce risk of deployment with fast and accurate implementation, minimizing downtime and work disruption

EMC® Implementation for MirrorView™/Cluster Enabler (MV/CE) extends the protection of your current Microsoft Failover Cluster solution to include site disaster recovery. This custom service, delivered by EMC Global Services CLARiiON® storage experts, leverages EMC best practices to meet your business requirements.

EMC Implementation for MirrorView/CE begins with a comprehensive assessment of your environment, operational goals, and business objectives. The service includes project management, site validation, storage configuration, software installation, and verification of the installation and configuration results.

EMC MirrorView/CE: improve your recovery-time objective

EMC MirrorView/CE software enables geographically dispersed Microsoft Failover Clusters across CLARiiON MirrorView/Synchronous and MirrorView/Asynchronous links. Geographically dispersed clusters offer increased levels of high availability, disaster recovery, and automation over non-clustered solutions. MirrorView/CE works seamlessly with applications designed to take advantage of failover clusters, such as Microsoft Exchange, SQL Server, and Hyper-V. By integrating with Microsoft Failover Clusters, MirrorView/CE enables the cluster to automatically manage resource and applications failover, which greatly improves the recovery-time objective (RTO).

Proven methodologies

EMC service engagements are guided by the EMC Global Delivery Model, a proven methodology that ensures 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.

EMC Global Services professionals are prepared to deliver a MirrorView/CE solution that provides significant impact to your business—complimenting the Microsoft Failover Clusters capabilities and providing greater protection against site failures. Our technical consultants and architects have the expertise, training, and certification to help you obtain seamless, cluster resource failover that protects against both server and storage failures at each site, which reduces application downtime.

EMC Implementation for MirrorView/CE

EMC Global Services works closely with your staff throughout the engagement to assure clear communication, updates on progress, and confirmation regarding the finalization of the project. Leveraging our Global Delivery Model ensures that the service delivered meets your expectations. Here is what you can expect with your Implementation for MirrorView/CE service:

Discovery, analysis, and planning

EMC meets with you to conduct an implementation review meeting, which includes a review of the project scope and limitations and verification that the storage environment and operational implementation requirements (hardware, software, and infrastructure) are met. We identify the required or beneficial updates necessary to complete the engagement. We then develop a mutually agreed-upon timeline for the engagement. Once you have reviewed and approved the project timeline and deliverables, we schedule resources to deliver the installation and implementation.

Implementation and testing

We collect all relevant system-related information necessary for the installation and configuration. We install the Cluster Enabler software on all participating physical servers. Once MirrorView/CE is fully implemented, we verify failover of basic cluster resources between the sites and coordinate the verification of failover of Microsoft application cluster resources between the sites. We then validate the implementation by executing a test and acceptance plan and reviewing the results with you.

Documentation, functional product overview, and acceptance

After the implementation is complete, our EMC Global Services professionals provide a functional overview of MirrorView/CE, including sign-off, with designated members of your IT staff to ensure the implementation meets your needs. Throughout the engagement, as appropriate, we deliver all applicable documentation, including product guides, customer configuration documents, and software installation guides. We also provide a review of additional EMC technical training and education courses available to your staff to ensure you continue to maximize the operational benefits from your investment in CLARiiON systems.

Additional EMC CLARiiON services

EMC Implementation for MirrorView/CE is part of a full suite of EMC service offerings that helps you realize the full value of your CLARiiON investment.

- **EMC Implementation for CLARiiON MirrorView Fixed and Custom Services** implement MirrorView with a defined number of CLARiiON storage systems in a single physical location or in a custom engagement; a review of the customer's requirements determines the implementation parameters.
- **EMC Implementation for CLARiiON SnapView–Replication Manager QuickStart** implements Replication Manager software to support replication operations on a CLARiiON storage array using EMC SnapView™ software.
- **EMC SAN Design and Implementation** is a consultative service that delivers a customized implementation of SAN storage into your information infrastructure.

Look to EMC Global Services to deliver results

EMC Global Services provides the strategic guidance and technology expertise 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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