

EMC Implementation for CLARiiON CX4 Series QuickStart

The Big Picture

- Fast, accurate installation and implementation aligns your business and technical requirements to fully leverage innovative CLARiiON CX4 technology.
- A full complement of services aligned to the CLARiiON CX4 series—CLARiiON CX4-120 and -240, CLARiiON CX4-480, CLARiiON CX4-960, and CLARiiON CX4 960CX—deliver the right level of deployment for your storage investment.
- Realize the performance, disaster tolerance, reliability, and scalability of a fully deployed CLARiiON CX4 system SAN solution with four dual-port-attached hosts in a Fibre Channel or iSCSI storage environment.

EMC® Implementation for CLARiiON® CX4 Series QuickStart enables you to quickly and seamlessly integrate the powerful new features of your EMC CLARiiON CX4 storage investment. Expert installation and integration of your new EMC CLARiiON CX4 storage array delivers the fastest return on investment and minimizes risk of deployment into your storage infrastructure. This fixed-scope service delivered by EMC Global Services CLARiiON storage experts leverages EMC best practices to meet your business requirements.

EMC Implementation for CLARiiON CX4 Series QuickStart begins with a comprehensive assessment of your environment, operational goals, and business objectives. The QuickStart offering includes project management, system installation, storage configuration, software installation, network connectivity, and testing for a defined number of hosts in your storage environment.

EMC CLARiiON CX4 series: Innovative technology to maximize the effectiveness of your information management environment

The CLARiiON CX4 series systems are designed to ensure continuous data availability, information integrity, advanced array-based information replication, and modular hot-pluggable I/O, enabling flexibility to mix and match FC and iSCSI connectivity. These information storage platform solutions range from entry-level to high-performance, maximum-capacity configurations for your most demanding requirements. Technological advances include optimization for virtualized environments, energy efficiency, five-nines (99.999 percent) availability, and ease-of-use features.

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.

EMC Global Services professionals are prepared to deliver a CLARiiON solution that provides significant impact to your business—optimized performance, new levels of scalability, flexible configurations, and even higher resiliency. Our technical consultants and architects have the expertise, training, and certification to help you realize the performance enhancements, data protection, and cost savings associated with the CLARiiON CX4 series.

EMC Implementation for CLARiiON CX4 Series QuickStart

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 project. Leveraging our Global Delivery Model ensures that the service delivered meets your expectations.

Here is what you can expect with your Implementation for CLARiiON CX4 Series QuickStart:

Discovery, Analysis, and Planning

EMC meets with you to conduct an implementation review meeting, including review of the project scope and limitations, and verification that your storage environment is ready for the new CLARiiON CX4 hardware and software implementation. EMC will identify the host configurations you provide for implementation—either Fibre Channel or iSCSI—and develop a mutually agreed upon timeline for the engagement. Once you have reviewed and approved the project timeline and deliverables, EMC builds and documents the proposed architecture using EMC Networked Storage Designer and schedules resources to deliver the installation and implementation of your CLARiiON CX4.

Implementation and Testing

EMC performs the installation of the CLARiiON CX4 hardware components, including unpacking, installing, and cabling the system components within the designated rack and initializing the system. Once the system is initialized, EMC installs and configures Secure Remote Support remote service tools and executes registration of the system with EMC. After the system hardware is installed, our service professionals configure up to four storage groups and assign LUNs for each host, implement Fibre Channel or iSCSI connectivity with the four prepared hosts, perform final configuration of Navisphere® Manager agents, and install EMC PowerPath®, EMC Navisphere Server Taskbar, and Navisphere Service Utility High Availability Validation Tool. EMC will configure failover and perform zoning on switches within the SAN. Once your CLARiiON CX4 system is fully implemented, EMC performs acceptance validation and testing.

Documentation, Functional Product Overview, and Acceptance

After the implementation is complete, EMC Global Services professionals validate the implementation by executing a test and acceptance plan and reviewing the results with you. There is a functional overview, including sign-off, ensuring the implementation meets your needs. After the implementation is complete, EMC Global Services professionals perform a functional overview of the CLARiiON CX4 features with designated members of your IT staff. Throughout the engagement, as appropriate, we will deliver all applicable documentation, including product guides, customer configuration documents, and software installation guides. We will 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 CX4 series systems.

Additional EMC CLARiiON CX4 services

EMC Implementation for CLARiiON CX4 Series QuickStart is part of a full suite of EMC service offerings that helps you realize the full value of your EMC investment.

- **EMC SAN Design and Implementation** is a consultative service that delivers a customized implementation of SAN storage into your information infrastructure.
- **EMC Two-Terabyte Data Migration Service** delivers data migration in conjunction with a new CLARiiON storage array implementation for up to 2 TB of data in standard fixed-file formats within a single authentication domain.
- **EMC Implementation for CLARiiON SAN Copy™** installs and initializes EMC SAN Copy or SAN Copy/E software in a CLARiiON storage array.
- **Implementation for CLARiiON SnapView™—Replication Manager QuickStart** implements Replication Manager software to support replication operations on an EMC CLARiiON storage array using SnapView.
- **EMC Implementation for CLARiiON MirrorView™ Fixed and Custom Services** implements EMC 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 will determine the implementation parameters.

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 an 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.



EMC Corporation
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America 1-866-464-7381
www.EMC.com

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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.