

EMC Implementation for CLARiiON CX4 Virtual Provisioning QuickStart

Quickly install and configure EMC Virtual Provisioning technology on your EMC CLARiiON CX4 storage system

The Big Picture

- Reduce the staff time required to repeatedly add storage capacity
- Increase utilization and easily provision storage for new virtual machines
- Accommodate growth by drawing more value from the same or fewer storage resources
- Reduce your capital cost by delivering storage capacity on demand

EMC® Implementation for CLARiiON® CX4 Virtual Provisioning QuickStart enables you to quickly realize faster return on your investment and the benefits virtual provisioning provides. 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 Virtual Provisioning QuickStart begins with a comprehensive assessment of your environment, operational goals, and business objectives. The QuickStart includes project management, site validation, storage configuration, software installation, and verification of the installation and configuration results.

EMC CLARiiON Virtual Provisioning improves storage utilization, simplifies management, and reduces capacity costs

EMC CLARiiON Virtual Provisioning provides additional benefits beyond traditional “thin” provisioning, including simplified storage management and improved capacity utilization. CLARiiON Virtual Provisioning enables you to present a large amount of capacity to a host, then consume space—only as needed—from a shared pool. This lowers total cost of ownership (TCO) by reducing initial over-allocation of storage capacity and simplifies management by reducing the steps required to support growth.

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 Virtual Provisioning solution that provides significant impact to your business—optimized capacity utilization, new levels of scalability, and operational reliability. Our technical consultants and architects have the expertise, training, and certification to help you realize reduced storage costs by increasing capacity utilization, simplifying storage management, and reducing application downtime.

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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 Virtual Provisioning 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 the storage environment and operational implementation

requirements (hardware, software, and infrastructure) are met. EMC will identify the required or beneficial updates necessary to complete the engagement. We will develop a mutually agreed-upon timeline for the engagement. Once you have reviewed and approved the project timeline and deliverables, EMC schedules resources to deliver the installation and implementation.

Implementation and testing

EMC performs the installation of the EMC Virtual Provisioning Enabler on your CLARiiON storage array. Once virtual provisioning is activated on both storage processors, we will work closely with your staff to create storage pools and thin LUNs and up to four storage groups. After the LUNs and storage groups are created, our service professionals configure the storage groups, assign LUNs for each host, and configure threshold alerts to monitor the capacity of up to two thin pools. Once your Virtual Provisioning 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 Virtual Provisioning 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 Implementation for CLARiiON SnapView—Replication Manager QuickStart** implements Replication Manager software to support replication operations on an EMC CLARiiON storage array using EMC 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 customers' requirements will determine the implementation parameters.
- **EMC Health Check** applies tools and best practices to evaluate CLARiiON environments and create a final report that identifies storage configuration, utilization, interoperability, and performance deficiencies.

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.



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

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