

EMC Centera Intra-Cluster 4-Node Data Migration

The Big Picture

- EMC Centera Intra-Cluster 4-Node Data Migration services, which are designed to be performed remotely for customer convenience, minimize interruption to your operations.
- Fast, accurate migration aligns your business and technical requirements to fully leverage EMC Centera Generation 4 LP node innovative technology.
- Maximize your ROI with dramatic reductions in power and cooling costs, as well as smaller footprint-per-terabyte-of-storage requirements with new Generation 4 LP nodes.

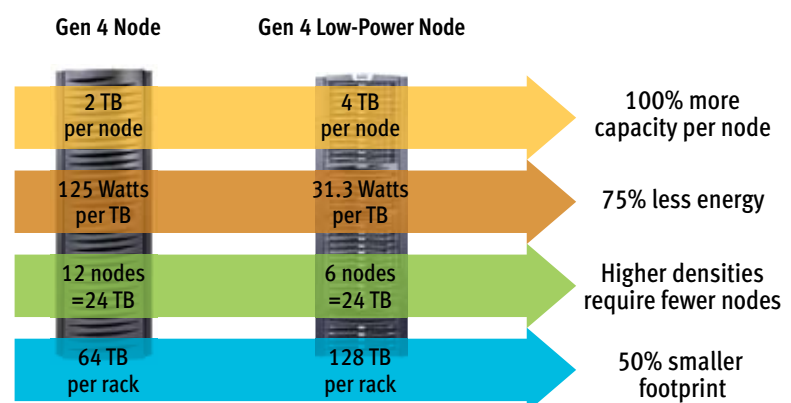
EMC® Centera® Intra-Cluster 4-Node Data Migration services enable you to quickly and seamlessly migrate data from earlier-generation nodes to new, higher capacity, energy-efficient Generation 4 LP nodes. Expert integration of your new nodes delivers the fastest return on investment and minimizes risks inherent when making technology changes. These fixed-scope services delivered by EMC Global Services Centera-certified professionals leverage EMC best practices to meet your business requirements.

EMC Centera Intra-Cluster 4-Node Data Migration begins with an assessment of your environment, operational goals, and business objectives. The migration service includes project management, system qualification, installation, and configuration of the EMC migration tool, migration activities, and a reconciliation of your source and target clusters for a defined number of nodes in your EMC Centera cluster.

EMC Centera Generation 4 LP Nodes

EMC delivers innovative design requirements for more energy-efficient technology with increased capacity. The EMC Centera Generation 4 LP nodes consume 75 percent less energy per terabyte without sacrificing performance. Utilizing the 1 TB disk drives, the Generation 4 LP nodes have 100 percent more storage capacity. This enables customers to address a key concern—data center power and cooling costs and resources per square foot.

New energy-efficient EMC Centera Gen 4 LP Nodes with 1 TB disk drives



Proven Methodologies

EMC service engagements are guided by the EMC Global Delivery Model, a proven methodology which ensures that we deliver fast, effective 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 an EMC Centera solution that provides significant impact to your business—optimized performance, more storage capacity per node, and decreased power consumption. 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 migrating to the higher capacity, more energy-efficient nodes.

EMC Centera Intra-Cluster 4-Node Data Migration

The EMC Centera Intra-Cluster 4-Node Data Migration services are designed to be performed remotely to minimize interruptions to your business operations. 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 services delivered meet your expectations. Here is what you can expect with your EMC Centera Intra-Cluster 4-Node Data Migration services:

Discovery, Analysis, and Planning

EMC conducts a pre-implementation review meeting including review of the project scope and limitations, and verification that your EMC Centera qualifies for this type of migration. EMC develops a mutually agreed upon timeline for the engagement and schedules a kickoff meeting. Once the project timeline and deliverables have been reviewed and approved, EMC performs the pre-migration activities —running a health and integrity check on your cluster, looking for pre-existing issues, installing new nodes, putting nodes to be retired into a no-write state, and configuring the message-of-the-day to notify you and EMC resources of the in-progress migration status.

Migration and Testing

EMC performs the installation and configuration of the EMC Centera Intra-Cluster Migration tool.

Once the tool is installed, our service professionals execute, monitor, and manage the data migration process. After the migration is complete, another integrity check is executed and compared with the output of the pre-migration check. The project team also performs a final validation that all EMC Centera applications are running properly and coordinates the removal of any retired hardware.

Documentation, Functional Product Overview, and Acceptance

After the implementation is complete, EMC Global Services professionals validate the implementation by executing a final reconciliation report and reviewing the results with you. There is a functional overview, including sign-off, ensuring the service meets your needs. Throughout the engagement, as appropriate, project status will be provided. 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 your EMC Centera system.

Additional EMC Centera Services

EMC Centera Intra-Cluster 4-Node Data Migration is part of a full suite of EMC service offerings that helps you realize the full value of your EMC investment.

- **EMC Data Migration for Centera** defines a comprehensive set of consulting services to provide customers with assistance moving their data content to EMC Centera, overcoming concerns related to downtime, scheduling, and data loss. These custom migration services include:
 - **Data Migration for Centera/Symantec Enterprise Vault** migrates archive Symantec Enterprise Vault data from failure-prone SANs with NTFS onto an EMC Centera storage platform.
 - **Data Migration for Centera/FileNet** provides an end-to-end solution for our FileNET customers to migrate legacy data off FileNET Magnetic Storage and Retrieval (MSAR) and FileNET Optical Storage and Retrieval (OSAR) onto FileNET Centera Storage and Retrieval (CSAR) archives.
- **Archive Integration for Centera Services** provide customers with a solution to support the integration of their home-grown application with EMC Centera, using the EMC Centera Application Programming Interface (API) or eXtensible Access Method (XAM) interface.

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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