

EMC Certified Data Erasure for Centera

The Big Picture

- Mitigate the risk of information dissemination by overwriting data on arrays that are decommissioned, returned at the end of a lease, or moved to a different data center
- Align information handling policies with corporate governance policies and regulatory requirements
- Protect intellectual property such as employee and customer data
- Demonstrate compliance effectively with a full report and certificate of completion to satisfy audits

EMC® Certified Data Erasure for Centera® uses specialized software to erase information on all nodes within an EMC Centera cluster, mitigating the risk of information dissemination. EMC Centera arrays are typically used to archive intellectual property such as employee and customer information for a set period of time. EMC Certified Data Erasure prevents the unauthorized access of your valuable information when an EMC Centera cluster is decommissioned, returned at the end of a lease, or repurposed, helping to meet your security and compliance objectives.

Proven methodologies

All of our service engagements are guided by our proven methodology, the Global Delivery Model. EMC's Global Delivery Model ensures that we deliver rapid, flawless implementation services to every customer in every engagement worldwide. The extensive training the EMC delivery team undergoes before they engage with a client validates the uniqueness of our methodology.

EMC Certified Data Erasure Services overwrite data at the lowest application-addressable level to rigid hard disk drives ensuring data cannot be recovered. These services align to the U.S. Department of Defense standard 5220-22.M for clearing rigid magnetic media. Additionally, EMC has worked with an external third party to validate and verify our methods; ensuring data cannot be recovered after the process is complete.

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EMC meets with you to ensure the proper cleansing of your confidential data. This service includes these steps executed by EMC Global Services:

- Identifies EMC Centera nodes that are to be erased
- Verifies that the customer has backed up information on the identified nodes, if necessary
- Executes the erasure process with a 7 pass overwrite algorithm using a combination of random patterns on the selected nodes in the cluster
 - Pass 1 - overwrites with a character
 - Pass 2 - overwrites with the character's complement
 - Pass 3 - overwrites with a random character pattern
 - The above sequence is repeated through seven passes
- Verifies the successful completion of the erasure by evaluating the relevant log files and reports
- Creates and present the Certificate of Completion and report of data erasure results to the customer demonstrating compliance
- Provides disk drives that could not be erased to the customer for final disposition

Additional security services from EMC Global Services

EMC offers a portfolio of solutions to help you manage your organization's confidential information, including:

- **EMC Certified Data Erasure for Full Arrays:** Using proprietary technology, ensures that data cannot be recovered from an entire array so it can be redeployed to another part of the business, increases the ROI of that storage asset. This service is available for EMC CLARiiON®, EMC Symmetrix®, and other vendors' arrays.
- **EMC Disk Retention:** Provides for the customer retention of failed disk drives for organizations that need to retain all media as a result of security or regulatory requirements. This service requires that the equipment be covered by a warranty or service contract.
- **EMC Assessment Service for Storage Security:** Helps you understand the level of information protection that's appropriate for your organization and recommends the best solutions for a comprehensive security strategy. This assessment assists with recommendations for media security including disk handling chain of custody.



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