

# EMC Performance Assessment for Symmetrix

## The Big Picture

- Maximize ROI by optimizing your EMC Symmetrix storage infrastructure
- Rapidly identify performance issues and strategies for resolution
- Gain insight to future capacity requirements

EMC® Performance Assessment for Symmetrix enables you to quickly and effectively ensure the responsiveness of your EMC Symmetrix® storage environment. Expert evaluation of your Symmetrix environment helps you optimize your storage resources, maintain information availability, predict future capacity requirements, and maximize ROI. Fixed-scope and custom performance assessments delivered by EMC Global Services networked-storage experts leverage EMC best practices to meet your business requirements.

EMC Performance Assessment for Symmetrix begins with a comprehensive overview of your storage environment, business goals, operational objectives, and technical capabilities. The fixed-scope assessment includes a detailed performance analysis of one Symmetrix system and up to four attached hosts, while the custom assessment can address multiple Symmetrix environments. The EMC Performance Assessment for Symmetrix includes project management, analysis of Symmetrix and application performance data, and a thorough assessment of your Symmetrix storage environment, including actionable recommendations and guidance for performance improvements.

## EMC Symmetrix platforms—keep your critical information available and secure all the time

EMC Symmetrix provides high availability, high performance, full mainframe support, and flexible connectivity options, including Fibre Channel, FICON, ESCON, Gigabit Ethernet, and iSCSI. Organizations of all sizes rely on Symmetrix for constant data access, business continuity, and massive consolidation.

## Proven methodologies

EMC service engagements are guided by the EMC Global Delivery Model, a proven methodology which ensures that we deliver fast, effective assessment 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 performance assessment that provides significant impact to your business—optimized performance, increased efficiencies, and enhanced operational capabilities. Our technical consultants and architects have the expertise, training, and certification to help you optimize resources, maintain information availability, and plan for growth capacity with your information lifecycle management (ILM) implementations.

## EMC Performance Assessment for Symmetrix

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 EMC Performance Assessment for Symmetrix.

### Data collection

EMC meets with you to conduct an assessment review meeting including review of the project scope and limitations, identification and documentation of your current storage environment, and your operational and business goals and requirements as they relate to the assessment. We work closely with you to collect all relevant storage and host performance data, host statistics, and topology and

workload information. Once you have reviewed and approved project timeline and deliverables, EMC schedules resources to deliver the Performance Assessment for Symmetrix.

### Data analysis

EMC performs a detailed performance analysis of your Symmetrix and attached host environment utilizing proprietary EMC tools to provide an overall evaluation and characterization of your current environment, Symmetrix utilization, growth potential, parity change considerations, SRDF® sizing, layout improvements, and Symmetrix consolidation considerations as appropriate. We then deliver a final report which documents our findings, recommendations, and conclusions.

### Detailed presentation of findings and recommendations

EMC delivers the final report for the Performance Assessment for Symmetrix to you, detailing the analysis and highlighting specific problem areas, technical issues, and associated recommendations. Upon conclusion of the service engagement, EMC verifies that you have received the necessary information to determine the next steps in your decision-making process. The information provides critical assistance with the planning and execution of your EMC storage solution.

### Services portfolio

EMC Performance Assessment for Symmetrix is part of a full suite of EMC Global Service offerings that helps you realize the full value of your investment in EMC.

- **EMC Assessment for Storage Performance:** Provides a thorough evaluation of your EMC Symmetrix or EMC CLARiiON® array performance by volume and delivers actionable recommendations to quickly and effectively resolve performance problems.
- **EMC Health Check for CLARiiON:** Applies tools and best practices to evaluate CLARiiON environments and create a final report that identifies storage configuration, utilization, interoperability, and performance deficiencies.
- **Custom Network Assessments for SAN, NAS, CAS, or Replication:** Provides expert audit, assessment, design assistance, and recommendations for your network in preparation for an EMC SAN, NAS, CAS, or replication implementation.

### 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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#### Take the next step

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](http://www.EMC.com).