

EMC RecoverPoint/SE

Cost-effective local and remote data protection, replication, and disaster recovery for EMC CLARiiON

The Big Picture

- Implement a single product solution for data protection, replication, and disaster recovery for EMC CLARiiON
- Minimize capital costs through virtual environment support for server and storage consolidation
- Protect VMware Infrastructure with RecoverPoint integrated with VMware vCenter
- Reduce infrastructure cost with policy-driven data reduction and compression technologies
- Recover data locally or remotely to any point in time for local data protection and disaster recovery
- Reduce operational and disaster recovery time for Microsoft, SAP, Oracle, VMware, and other applications

Disaster recovery made simple—the way it should be

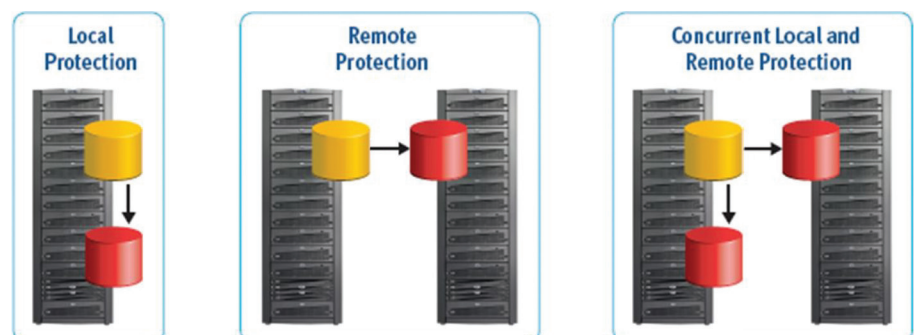
Deciding on the best technology to secure your data—whether locally or offsite—can be a daunting challenge. Your goal is to recover your data quickly with as little data loss as possible, and to do so in a simple, cost-effective manner. How do you meet this challenge?

EMC[®] RecoverPoint/SE is a single product solution with any point-in-time recovery with synchronous continuous data protection (CDP) to provide local data protection and synchronous and asynchronous continuous remote replication (CRR) to provide remote data protection. RecoverPoint/SE CDP and CRR can be used separately or together to provide concurrent local and remote (CLR) data protection of the same data volume over any distance.

RecoverPoint/SE technology maintains the dependent write-order data consistency of protected data replicated locally or remotely, and dynamically switches between synchronous and asynchronous replication modes based on customer policy for the best in performance and distance between production and disaster recovery sites. Its advanced bandwidth reduction and data compression capabilities are designed to dramatically reduce WAN bandwidth requirements and associated costs.

End-to-end data protection

RecoverPoint/SE can protect companies from data loss due to common problems such as server failures, data corruption, software errors, viruses, and end-user errors, while also protecting against natural disasters that can bring businesses to a standstill. With RecoverPoint/SE, organizations can realize dramatic cost savings by eliminating complex, non-performing data protection schemes and application-specific point products in favor of deploying a single, easy-to-manage solution.



EMC RecoverPoint: local and remote data protection and disaster recovery for EMC CLARiiON

- Local and/or remote data protection and replication
- Single EMC CLARiiON CX, CX3, or CX4 array per site
- Based on scalable out-of-band appliances
- EMC RecoverPoint write-splitter included with EMC CLARiiON FLARE code
- Tiered capacity at 4 TB, 8 TB, 16 TB, 24 TB, and 32 TB; increments of 1 TB from 33 TB to 150 TB
- Supports open system environments attached to CLARiiON arrays including AIX, HP-UX, Linux, Solaris, VMware, and Windows Server
- Support for RecoverPoint/CE for geographically dispersed cluster nodes replicated by RecoverPoint/SE CRR
- Upgradeable to EMC RecoverPoint

Bandwidth reduction and data compression

RecoverPoint/SE uses proven, patented technology to dramatically reduce replication bandwidth requirements. The solution employs data compression and intelligent bandwidth-reduction technologies that can deliver up to a 10:1 reduction in WAN bandwidth. These intelligent technologies can be combined, allowing customers to experience the best possible level of protection for the available bandwidth, while dramatically reducing WAN costs, particularly over long distances.

Application data protection to any point in time

RecoverPoint/SE allows application data to be recovered to any point in time by selecting intelligent time-specific or application-specific bookmarks. Application data at the selected point in time is instantly accessed and can be immediately read and written by the host. Snapshot consolidation is also used for longer retention periods within a set amount of allocated storage, which enables customers to maintain more data online for recovery without incurring additional storage costs.

RecoverPoint/SE also allows read/write access to replicated data without disturbing the replication process. In recovery, this enables testing the data at several points in time in order to determine the best point from which to recover. This capability can be used to offload backups, to allow live application development and testing, to support on-demand recovery, to migrate data, and for many other valuable data processing purposes.

RecoverPoint/SE protects common applications from Microsoft, Oracle, SAP®, VMware®, and other vendors. It also supports application-consistent recovery points (using Microsoft required APIs such as Virtual Data Interface for SQL Server or Volume Shadow Copy Service for Exchange)—allowing vendor-supported recovery for these environments.

End-to-end protection for virtual server environments

RecoverPoint/SE provides a flexible, comprehensive application data protection solution with point-in-time recovery for EMC CLARiiON® arrays in virtualized VMware Infrastructure and Microsoft Hyper-V server environments. For VMware, RecoverPoint/SE integrates with VMware vCenter™ enabling the user to view the protection status for virtual machines. It also integrates with VMware vCenter Site Recovery Manager to orchestrate and streamline data protection and failover and failback processes, enabling VMware virtual machines to be brought back online rapidly with no data loss.

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Take the next step

Find out how EMC RecoverPoint/SE can meet your continuous local and remote data protection, replication, and disaster recovery needs—simply, affordably, and effectively. Visit our website at www.EMC.com/products/family/recoverpoint-family.htm, contact your local EMC Velocity² partner or sales representative, or call us directly at 1-866-464-7381.