

# EMC Backup and Recovery for SAP



## Business Challenges

Growth in SAP data continually challenges the performance, availability, and cost of maintaining SAP environments. It is critical to maintain high availability of the production environment while also ensuring that data can be reliably backed up and restored with minimal data loss and disruption to the business.

Choosing the right solution which supports SAP best practices, provides full integration, and scales for growth in a multi-component SAP landscape can be just as challenging. For example, the design and implementation of a backup and recovery solution must:

- Scale considering backup requirements for SAP system components
- Adapt to recommended best practices
- Handle data consistency between system components
- Ensure recoverable data delivery on service-level agreements (SLAs) and key performance indicators (KPIs)

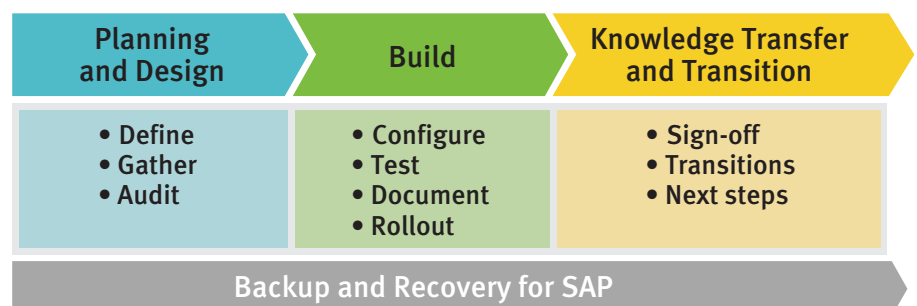
The goal of EMC is to provide organizations with an “end-to-end” backup and recovery solution capable of handling an organization’s unique SAP data protection objectives.

## Solution Description

The EMC® Backup and Recovery for SAP Proven Solution is designed and packaged by combining the right technology with the right services to deliver the best-fit backup and recovery solution for your SAP environment.

While EMC offers a portfolio of alternatives, this particular solution provides customers with end-to-end split-mirror-based backup and recovery integrated with SAP BR\*Tools for Oracle Database.

This solution, delivered in three phases, is designed and implemented based on your specific SAP backup and recovery environment, policies, and procedures.



### Components

Centralized policy-based backup and recovery management for SAP

Integration with SAP

Meet backup windows with no disruption to production environment

Platforms for operational and long-term backups

### Components

EMC NetWorker/Third-Party Tool

SAP BR\*Tools for Oracle

Replication Manager

TimeFinder

Symmetrix

EDL

#### SAP Backup Data



Array-based technologies

### Phase I—Planning and Design

- Kick-off and environment audit
- Review and collect customer requirements
- Design and document requirements for build process

### Phase II—Build: Configuration, Testing, Documentation, and Rollout

- Installation and setup of EMC components
- Configuration to SAP BR\*Tools
- Documentation and testing of solution

### Phase III—Findings, Knowledge Transfer, and Transition

- Documented testing and acceptance plan sign-off
- Documented operations manual

### Solution Value

With EMC's Backup and Recovery for SAP Proven Solution, SAP Basis and database administrators, data center management, and storage architects benefit from:

- Support for SAP best practices with SAP BR\*Tools integration
- Minimized impact on production environment availability by leveraging split-mirror-based cloning for non-disruptive backup of SAP data
- Automation of backup and recovery resulting in reduced cost and errors
- Improved ROI for infrastructure investments
- Visibility into the backup and recovery process
- Simple management through the reduction of manual tape administration
- Full validation and testing resulting in accelerated BRBackup implementation

### Solution Architecture and Components

The EMC Backup and Recovery for SAP Proven Solution is designed and implemented based on typical customer deployment scenarios for SAP. A key objective in delivering EMC Proven™ solutions is to validate and test SAP use cases in EMC's Solutions Lab. This particular solution is built using the following components:

- EMC NetWorker® for SAP or third-party tools
- SAP BR\*Tools for Oracle
- EMC Replication Manager for open system environments
- EMC Symmetrix®, EMC CLARiiON®, and EMC Disk Library storage systems

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#### Take the next step

The EMC Backup and Recovery for SAP Proven Solution is part of the EMC Solution Suite for SAP. To learn more about this and other solutions, visit: [www.EMC.com/solutions/SAP](http://www.EMC.com/solutions/SAP) or contact your local EMC representative.