

EMC Sizing and Landscape Design for SAP

Business Challenges

SAP, just like any ERP application, is constantly changing—adapting to changing business processes and requirements. As a result, when implementing SAP or adding new SAP modules, you are faced with the challenge of designing a landscape that will address today’s requirements—but also be flexible and responsive to change. You need to ensure that your current IT landscape is designed in a manner that enables agility today and tomorrow.

Understanding how to minimize both cost and complexity—and still address Service Level Agreement (SLA) requirements—is also critical. Complexity hinders your ability to be responsive to changing requirements and results in needless cost. Your IT landscape must be designed and deployed to deliver on requirements for performance, scalability, availability, simplified management, and business continuity RTO/RPO.

The key to addressing these challenges is to effectively leverage expertise in both SAP and IT infrastructure. Expertise in both areas is critical as you plan, design, and implement your SAP landscape.

Service Description

Whether you are in the early stages of planning a new SAP implementation and looking to support the planning and budget process or looking to design a comprehensive landscape, EMC can help.

With the EMC® Sizing and Landscape Design service, EMC experts help you understand the impact of SAP NetWeaver to the overall landscape and help you identify the associated infrastructure requirements. This service provides a best-practice landscape design, so you can achieve optimal performance, availability, and scalability, while allowing for future growth and ease of management.

EMC offers two options to help you address your requirements.

SAP Initial Sizing

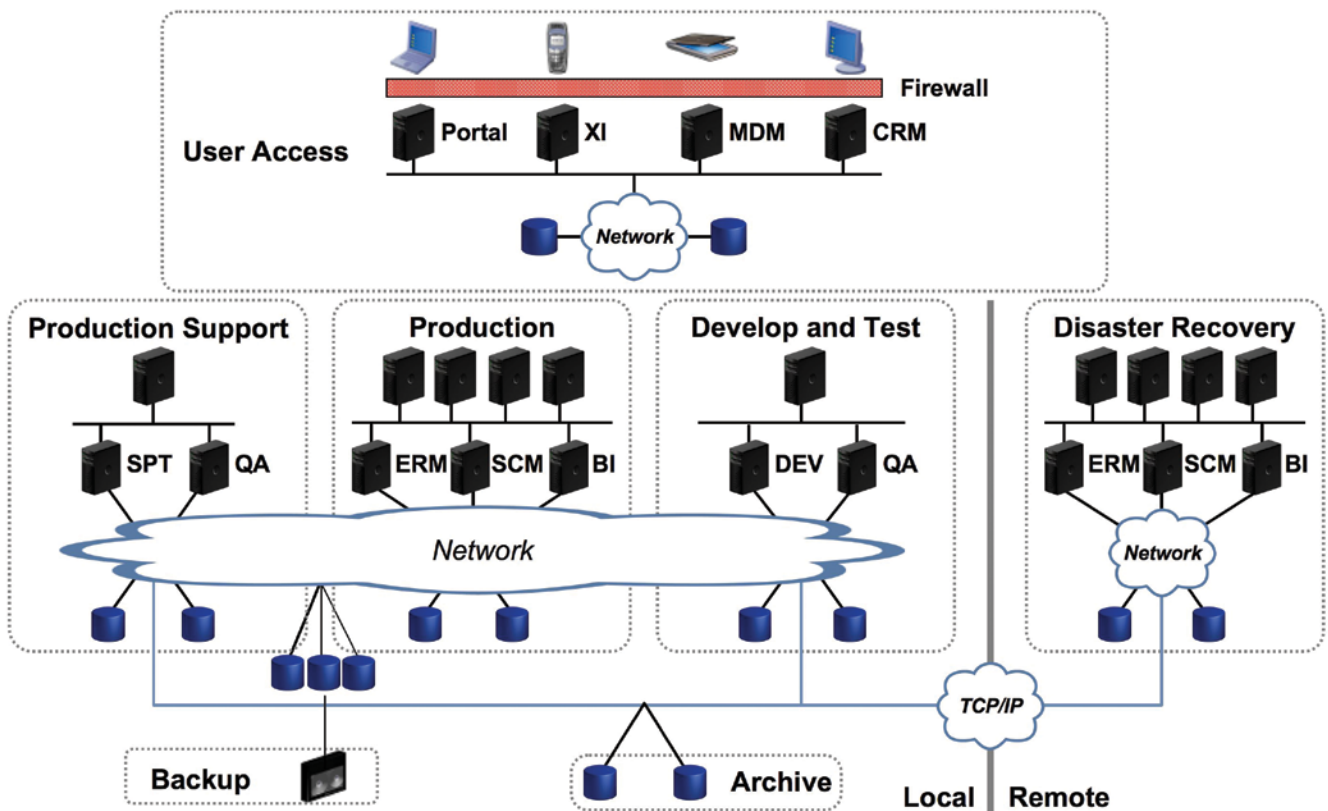
EMC will work with you to conduct an initial sizing estimate of the SAP system to help you plan and support cross-functional requirements gathering. Areas addressed include disk, memory, network load, and CPU requirements. You will receive a report outlining the SAP Initial Sizing Mapped by SAP Module and high-level server and storage requirements.

Advanced Sizing and Landscape Design for SAP

This engagement option looks at the initial production sizing and also provides a comprehensive review and design of all critical landscape requirements including:

- Recovery Objectives (RTO/RPO) and SLA requirements
- Data Protection—Backup & Recovery (local) and Disaster Recovery (remote)
- Business Continuance/High Availability—Clustering, Continuous Data Protection (CDP), Auto Restart
- Infrastructure Optimization—SAP Adaptive Computing, Virtualization, Tiered Storage Design
- Resource Management—System Cloning, Data Subsetting, Monitoring & Operations Management, Application Discovery Management
- Capacity Planning—Growth Projections, Geographical Distribution, Load Changes, and Business Process Change Estimates

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Service Value

With the EMC Sizing and Landscape Design service, EMC experts help you:

- Leverage EMC proven expertise in SAP Applications and Information Infrastructure
- Enable cross-functional review and planning of SAP landscape requirements
- Utilize a best practices approach to evaluate and design the necessary infrastructure to support SAP landscape requirements
- Provide an optimized infrastructure landscape design that supports agreed upon SLAs: addressing performance, availability, scalability, flexibility, and TCO
- Minimize the complexity and risk in implementing high-availability enterprise infrastructures

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Take the next step

To learn more about implementing a cost-effective EMC storage architecture for your existing or future SAP landscape environment, contact your local EMC account representative, or visit EMC's website at www.EMC.com.