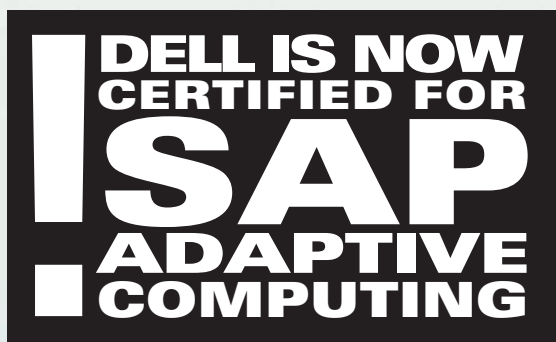


INFO *Brief*

SAP Adaptive Certification on Dual-Core Dell Hardware

- On 7 May, 2007, SAP AG certified Dell™ PowerEdge™ servers in a SAP® Adaptive environment.
- SAP Adaptive Computing running on Dell PowerEdge Servers with EMC storage helps reduce total cost of ownership (TCO) by incorporating dynamic and flexible computing in a SAP landscape.
- The Dell server platform with EMC storage and SAP Adaptive building blocks* as tested by Dell and EMC has been certified to be Adaptive Computing Compliant according to the existence of product functionality in accordance with SAP's Certification procedure.
- Dell demonstrates its technology leadership and innovation by providing proof that the Adaptive Computing Concept works in a Dell | EMC environment with the SAP Adaptive building blocks.

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Challenge

- Configure SAP Adaptive solution on Dell PowerEdge Servers with EMC Storage
- Dynamically assign SAP services to hardware resources via SAP Adaptive management console
- Configure Adaptive resource sharing via server pool
- Quickly and easily add needed SAP Application services via Adaptive framework
- Use the Adaptive central controller GUI to mass start/stop SAP Application Services.

Configuration

- ACC 1.0 SP13 and SLD on SAP Netweaver 7.0 with Oracle® 10g Novell® SLES 9
- Solution Manager on SAP Netweaver 7.0 with Oracle 10g Novell SLES 9
- SAP ERP 2005 SR2 ECC 6.0 with Oracle 10g as shared system (CI and DB) complete installation on EMC² EMC Celerra NS-40 NAS storage.
- Two Dell PowerEdge 1955 Computing nodes, Novell® SLES 10 x86_64 and NFS. Adaptive Computing (AC) functionality implemented with AC Agents for Linux® and controlled by the Adaptive Computing Controller (ACC) Web Interface using a web browser.
- Dell PowerEdge 1955 2 processors/ 4 cores/ 8 threads Intel® Xeon® MP 3.0 Ghz, 4GB Memory (32 GB - ACC), Prefetcher disabled.



What does it mean for your business?

Dell | EMC certified hardware for SAP Adaptive Computing can lower cost of operations, reduce the total cost of ownership and harmonizes and help simplify the costs of managing the IT landscape. This enables the Enterprise customer to dynamically respond to changing business needs and maintain high service levels with low IT budget.

SAP Adaptive Computing platform on Dell PowerEdge servers provides customers with the following new capabilities for service oriented SAP landscapes.

- Dynamically assign SAP services to hardware resources as needed helping to enable peak efficiency of hardware and software
- Increase deployment flexibility and resource utilization
- Simplify IT management and help reduce operational costs
- Provide resource sharing via a server pool increasing flexibility and server utilization
- Quickly and easily add server hardware; only occupying servers that are really needed
- Scale Up by easily adding DIs to same server; Scale Out by dynamically adding servers to an SAP landscape

SAP Adaptive software on Dell PowerEdge servers helps improve resource utilization, creates a flexible and dynamic SAP environment, thus lowering total cost of ownership (TCO).



Dell PowerEdge 1955

*An Adaptive SAP landscape consists of four building blocks which have to work in unison:

- **Computing:** servers that allow the operation of SAP applications.
- **Network:** infrastructure to link the other blocks. IP based. NAS for shared storage. Secure Shell for processing remote commands.
- **Control:** ACC controls the entire SAP system landscape and is a WebDynpro application and part of the SAP Web Application Server.
- **Storage:** key component of the Adaptive Computing landscape. Central storage system in which all data relevant to the SAP system is stored, shared, and every AC server is capable to have any role at a given point in time.

The Dell result on the SAP Adaptive test was certified on 7 May, 2007 and fully complies with the guidelines issued by the SAP Benchmark Council. More information on SAP Standard Application Benchmarks is available at <http://www.sap.com/benchmark> and <http://service.sap.com/adaptive>. For full details and descriptions of all SAP Standard Application Benchmarks please refer to <http://www.sap.com/benchmark> and <http://service.sap.com/adaptive>.

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