



DELL EMC



Partner Flyer

SUSE Linux Enterprise Server for SAP Applications
SUSE Linux Enterprise Live Patching

Zero Downtime for SAP HANA with Dell and SUSE

Your business success relies on quicker decision making, response times and customer service. SAP HANA can help get you there, with its high-performance, in-memory technology. Add Dell hardware and SUSE® Linux Enterprise Server for SAP Applications, and you can speed setup and time to value too.

SUSE and Dell at a Glance:

- + Simplify deployment with a preconfigured, validated SAP HANA implementation.
- + Get support for VMware vSphere, the only hypervisor certified by SAP for SAP HANA.
- + Get an infrastructure that can grow to match any scale scenario.
- + Make migration and management easy with enterprise Linux that plays well with Microsoft.
- + Reduce planned downtime with live kernel patching for stability and security issues.

Products:

SUSE Linux Enterprise Server for SAP Applications
Dell PowerEdge 14G servers
SUSE Linux Enterprise Live Patching

Dell, SAP and SUSE have partnered to deliver a unified SAP HANA solution that allows you to get more value, more quickly, out of your implementation—so you can spend less time on installation and management and more time on the projects that grow your business.

Perfectly Partnered for Success

For more than 10 years, SUSE and Dell have shared a commitment to bringing Linux to every area of the enterprise. SUSE Linux Enterprise Server for SAP Applications is a Dell Tier 1 operating system and is validated on all of Dell's enterprise platforms, including all Dell PowerEdge servers, Dell OpenManage, Dell storage and Dell networking. SUSE is Dell's preferred SAP partner, with 95 percent of Dell SAP installations running SUSE Linux Enterprise Server.

SUSE also has a long-standing and close partnership with SAP. SUSE Linux Enterprise Server is the only operating system optimized for all SAP software solutions and is the number-one Linux platform for SAP applications.

SUSE was named an SAP HANA Innovation Award Winner 2017¹, which highlights

our close collaboration with SAP around our products and services. In addition, 28 of the other award winners use SUSE as their operating system of choice²—and so does SAP.

Choose a Platform that Scales at Will

The SUSE-Dell solution is a high-performance, validated SAP HANA appliance on Dell PowerEdge hardware and SUSE Linux Enterprise Server for SAP Applications. It allows you to conduct analytics and manage SAP HANA performance and operations in a single system. The unified solution gives you the power to react faster to the events that affect your operations and growth.

SUSE Linux Enterprise Server for SAP Applications

As the premier operating system for SAP environments, SUSE Linux Enterprise Server for SAP Applications can help

- www.suse.com/communities/blog/suse-receives-sap-hana-innovation-award-2017-industry-disruptor/
- www.sap.com/documents/2017/10/9ab41894-dc7c-0010-82c7-eda71af511fa.html

reduce the downtime of your SAP solutions and other applications. Open, flexible and innovative: SUSE is the trusted and preferred open-source flexible, platform for SAP customers who want to unlock data intelligence and drive digital innovation.

AUTOMATED SAP HANA FAILOVER

SAP HANA has a feature that replicates in-memory data to a secondary backup in case the primary system experiences a failure, requiring manual failover. But with SUSE Linux Enterprise Server for SAP Applications, that failover action is automated through the use of two resource agents that continuously monitor the system. This feature reduces data recovery time for large in-memory data sets from hours to minutes.

SUSE LINUX ENTERPRISE

HIGH AVAILABILITY EXTENSION

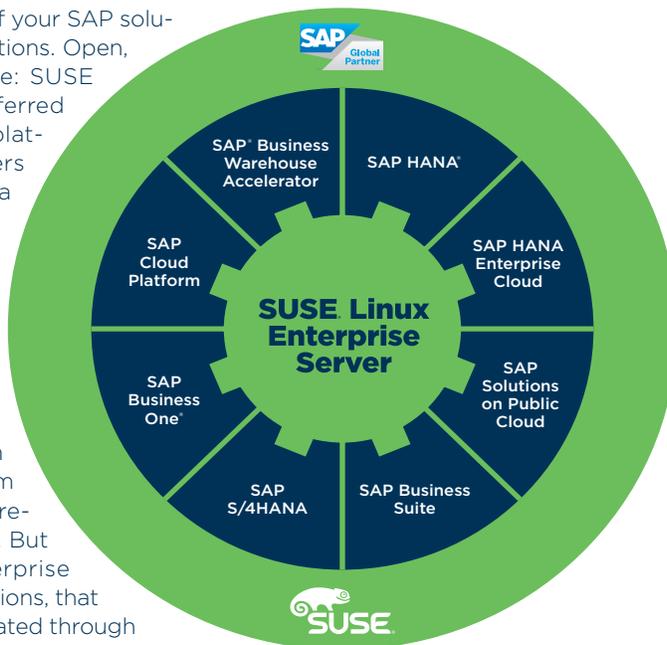
The SAP-certified high-availability extension helps you maximize your system's availability through the clustering of physical or virtual servers. This clustering capability eliminates single points of failure and lets you implement service failover. It comes with a graphical user interface that makes cluster configuration and management simple, even simulating failure scenarios before they happen.

SYSTEM SNAPSHOT AND ROLLBACK

If an operator makes a mistake that causes a problem, the built-in automatic file system snapshot and rollback capabilities in SUSE Linux Enterprise Server for SAP Applications can get your systems back up and operational in just one click.

Dell PowerEdge Servers

Dell PowerEdge servers easily scale to accommodate mixed workloads without sacrificing the performance of your mission-critical applications. Preconfigured to run SAP HANA, they are the only SAP HANA partner platforms that can



accommodate data centers of any size and offer efficient growth and scalability without having to rip and replace.

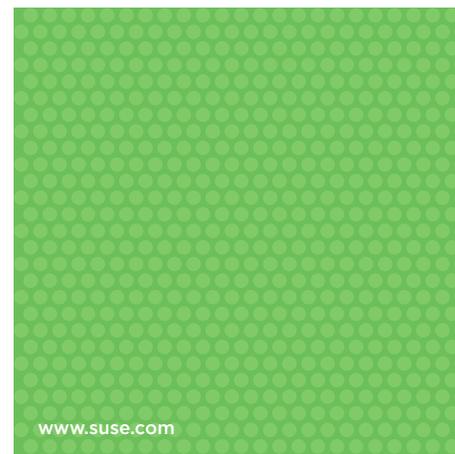
The latest Dell PowerEdge model is the R940, a four-socket, three-unit server with up to 12 Non-Volatile Memory Express (NVMe) drives—50 percent more drives than the previous model. It also supports up to 48 dual inline memory modules (DIMMs) and up to 6 TB of memory.

SUSE Linux Enterprise Live Patching

Based on kGraft technology developed by SUSE Labs, Live Patching allows you to perform live Linux kernel patching for stability and security issues—all without rebooting. No interruption, no downtime. That means it reduces the lengthy downtime of recovering huge in-memory databases like SAP HANA. Even better, it works independently from the applications that run on top, so you can use it on an SAP application server or on SAP HANA or other databases.

Learn More

Ready to see how SUSE and Dell can benefit your business? Visit www.suse.com/dell or contact us today.



Contact your local SUSE Solutions Provider, or call SUSE at:

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