SUSE and IBM Power Systems: Smooth Your Transition to SAP HANA

Now that SAP has announced that it is moving solely to SAP S/4HANA by 2025, you're faced with migrating from IBM AIX to a Linux operating system. But migrating to SAP HANA on IBM Power Systems hardware and SUSE® Linux Enterprise Server for SAP Applications can be smoother than you expect—and still deliver the performance, availability and scalability you value today.

SUSE and IBM Power Systems at a Glance:

+ *Use the same trusted hardware you currently use for your SAP solutions.*
+ *Get the first supported Linux distribution for both IBM Power Systems and SAP HANA.*
+ *Cut down planned and unplanned downtime and reduce risk*
+ *Get integrated support and services to help ensure a smooth transition.*

■ Products:

SUSE Linux Enterprise Server for SAP Applications
SUSE Linux Enterprise Live Patching
SUSE Manager
IBM Power Systems

SUSE Linux Enterprise Server for SAP Applications is the first and most recommended operating system for SAP HANA on IBM Power Systems. In fact, more than 1,000 organizations are already running SAP HANA on that infrastructure.

Partner with Industry-Leading Providers

For over two decades, SUSE and IBM have collaborated on technical development, customer support, green computing and innovative offerings with performance metrics far beyond the ordinary. SUSE engineers have worked closely with IBM to not just support the IBM platform, but to embrace it. SUSE Linux Enterprise Server was the first supported Linux distribution available on Power Systems, and today, SUSE offerings are optimized so you can take advantage of the full power and qualities of service of your IBM technology.

Perhaps most importantly, SUSE Linux Enterprise Server is the most recommended operating system for SAP HANA on IBM Power Systems—and the number-one recommended operating system for SAP on any system, with more than 90 percent market share.

SUSE also has a close relationship with SAP that started at the SAP LinuxLab in Germany in 1999. More recently, SUSE was named an SAP HANA Innovation Award winner in 2017.* In fact, SAP itself uses SUSE Linux in its production and testing environments.

The Right Infrastructure for SAP HANA

While the move to SAP HANA means leaving behind AIX, SUSE Linux Enterprise Server for SAP Applications is the ideal replacement—and the perfect host for SAP HANA. Many of your AIX administrators' skills will transfer to your new environment, as there are similarities between AIX and Linux operations and processes.

You'll also be retaining the IBM Power hardware you're already familiar with. Because SUSE Linux Enterprise Server for SAP Applications works with and takes advantage of the features of IBM Power, you can leverage the high number of

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* *Learn more at:* **www.suse.com/communities/blog/suse-receives-sap-hana-innovation-award-2017-industry-disruptor/**

cache layers, more threads per core, and other features you love about IBM Power Systems to support SAP HANA. You can run SAP HANA alongside other SAP workloads on a single server or run multiple production SAP HANA instances on one system, virtualizing without compromise thanks to SUSE Linux Enterprise Server's PowerVM support.

SUSE Linux Enterprise Server for SAP Applications

The leading Linux platform for SAP solutions increases service availability with built-in business continuity features. These include resource agents that complement SAP HANA system replication with automated failover and recovery, as well as full operating system rollback—allowing you to achieve the same reliability you've come to expect from AIX.
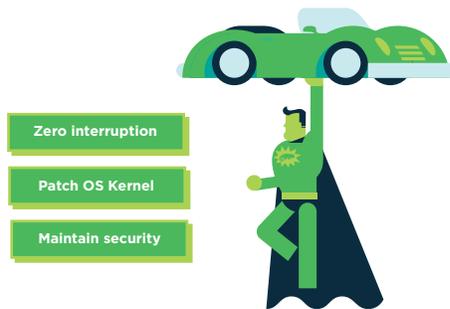
The solution also includes a built-in SAP HANA system firewall and remote storage encryption management. An SAP-certified high-availability extension provides an integrated clustering solution for physical and virtual Linux deployments, which allows you to implement highly available Linux clusters to eliminate single points of failure.

We can also help you accelerate and simplify your transition from AIX with an Installation Wizard with tuning parameters, and an installation configuration package that allows you to quickly and accurately configure SAP applications.

"At first, we couldn't believe how much faster some SAP reports ran with SAP HANA on SUSE Linux Enterprise Server for SAP Applications."

RAMAZAN YILDIRIM
IT Manager & SAP Basis Manager
Boydak Holding

Zero interruption
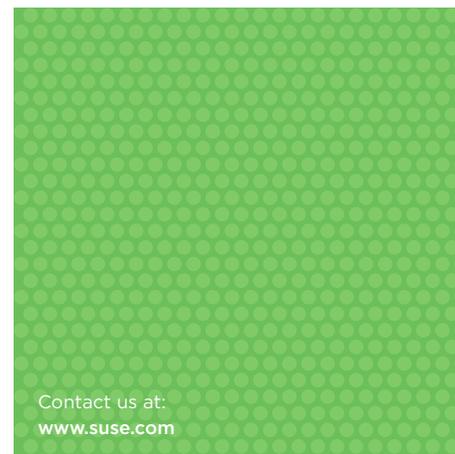
Patch OS Kernel

Maintain security

SUSE Linux Enterprise Live Patching

Keep your systems available with SUSE Linux Enterprise Live Patching for IBM Power Systems. It allows you to apply Linux kernel fixes for security and stability on the fly without interrupting your business-critical applications. Live Patching helps you increase service availability, reduce planned downtime and maintain system security and stability.

Single pane of glass for your SAP system

Automated install and configuration management

Now available on IBM Power Systems

SUSE Manager

Turn time spent on maintenance into time spent on growth with SUSE Manager. The infrastructure management solution can automate a lot of the processes involved in setting up your new Linux environment. Gain control by managing SAP HANA and the Linux systems it runs on through a single console.

Contact us at:
www.suse.com

Deep Expertise, Seamless Support from IBM and SUSE

IBM Technology Support Services (TSS), together with SUSE, provides a variety of support options for SUSE Linux solutions, helping you reduce costs and complexity. And the joint support process with SAP allows you to get support for SUSE Linux Enterprise Server and SAP applications in a single ticket or call.

SUSE Consulting provides expertise to further ease your transition. Options include SAP replatforming; server configuration and optimization; and even a dedicated expert that works at your site for a set period of time to ensure that you're up and running the way you want.

Learn More

See how SUSE and IBM together provide the best platform for SAP HANA at: **www. suse.com/products/power**