ACCELERATE BUSINESS INSIGHT WITH RED HAT, MICROSOFT, AND SAP

MAKE BUSINESS DECISIONS FASTER

Across industries, organizations are digitally transforming their infrastructure and operations to remain successful in dynamic markets. Digital transformation can help companies improve customer experience, enhance brand reputation and loyalty, increase business agility, and speed time to market for new products and features. Accomplishing this requires rapid access to business information and insight. However, as organizations amass an increasing amount of data, finding the right information can often take hours or even days. By reducing this time significantly, you can make business decisions in real time and adapt faster to changing conditions.

IT hardware and software optimization can help you derive value from data faster by reducing database workload runtime. Servers must hold massive amounts of data in-memory. Operating systems should be tuned to run the database efficiently. Finally, the database itself must quickly and efficiently process vast amounts of data. Working together, Red Hat, SAP®, and Microsoft provide an optimized solution that quickly finds and delivers the information you need to make fast, educated business decisions.

BUILD AN OPTIMIZED FOUNDATION FOR DATA AND APPLICATIONS

The SAP landscape is converging. As an in-memory data platform with transactional and analytical capabilities, SAP HANA® provides a foundation to conduct real-time data analytics, optimize performance, and simplify business operations—in a single system. Transactions and analytics are processed on a single data copy to deliver insight from live data many times faster than disk-based relational databases. Additionally, SAP HANA incorporates databases, advanced analytic processing, applications, and integration services into a single platform that can run all of your SAP enterprise applications.

Open, flexible, and security-focused, Red Hat® Enterprise Linux®—the world's leading enterprise Linux platform—is the foundation for Red Hat Enterprise Linux for SAP HANA. The result of a long-standing collaborative engineering relationship between Red Hat and SAP, Red Hat Enterprise Linux for SAP HANA combines the reliability, scalability, and performance of Red Hat Enterprise Linux with additional content specific to operating SAP landscapes, making it easier to manage your SAP environment. A single subscription model and operating system provide a cost-effective, consistent platform that streamlines operations and increases stability.

Microsoft Azure forms a powerful and scalable cloud foundation for memory-intensive SAP HANA workloads and supports some of the largest public cloud estates running SAP HANA. With Microsoft Azure, you can run SAP HANA Large Instances—purpose-built and SAP HANA-certified instances that are fully managed with service-level agreements (SLAs) of 99.9% availability for a single instance and 99.99% availability for a high-availability (HA) pair. Large Instances running Red Hat Enterprise Linux have the memory capacity required to execute the largest SAP HANA workloads, with up to 12TB of RAM per node for scale-up online transaction processing (OLTP) workloads like SAP S/4HANA® and SAP Business Suite powered by SAP HANA and up to 60TB of RAM for scale-out

ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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ABOUT MICROSOFT

Microsoft is the leading platform and productivity company for the mobile-first, cloud-first world, and its mission is to empower every person and every organization on the planet to achieve more.

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online analytical processing (OLAP) scenarios like SAP Business Warehouse. Additionally, Microsoft Azure's latest M-Series virtual machines support single-node configurations with up to 3.5TB of memory.

The combination of Red Hat Enterprise Linux for SAP HANA and Microsoft Azure delivers key capabilities to support your SAP environment.

RECORD-BREAKING PERFORMANCE

A high-performance foundation is required for SAP applications to provide the most value to your business. Software and hardware must be engineered and optimized together to achieve the greatest performance and efficiency. Red Hat and SAP engineers work together in the SAP Linux Lab to ensure that SAP applications running on Red Hat Enterprise Linux achieve high levels of performance across hardware platforms.

As a hyperscale public cloud provider, Microsoft Azure is capable of meeting the resource demands of the largest SAP HANA workloads. Running Red Hat Enterprise Linux on certified physical instances with up to 12TB of RAM and virtual machines with up to 3.8TB of RAM, Microsoft Azure lets you run SAP applications across scenarios without worrying about performance.

ENTERPRISE STABILITY AND AVAILABILITY

When your business relies on your SAP environment, it must be up and running at all times. Red Hat Enterprise Linux and Microsoft Azure provide a reliable, stable operating environment for your SAP landscape. Red Hat Update Services provides up to four years of support—including security patches and critical fixes—for minor releases of Red Hat Enterprise Linux. When you upgrade to a new minor release, binary compatibility and kernel stability ensure that your system remains stable and that both SAP and custom applications continue to execute smoothly.

To ensure stability, Microsoft Azure uses SAP-certified infrastructure that is purpose-built for SAP HANA and compliant with 54 industry standards. A highly resilient architecture with active and standby systems and data replication provides high availability for critical applications.

WORLD-CLASS SUPPORT

Issues in your SAP environment can cause costly downtime. With Red Hat, SAP, and Microsoft, support is simple and hassle-free. The three companies deliver comprehensive, integrated, global support that covers your entire environment. Contact any of the companies with any issue—Red Hat, SAP, and Microsoft work together to identify the underlying issue and resolve the problem quickly and efficiently.

CONCLUSION

Digital transformation is critical for future success. Through strong partnerships and joint engineering relationships, Red Hat, SAP, and Microsoft provide a high-performance, stable, and supported platform to support your digital goals. With Red Hat Enterprise Linux for SAP HANA and Microsoft Azure, you can speed access to the information and insight you need to make better decisions to advance your business.

To learn more, contact your Red Hat, SAP, or Microsoft representative or visit redhat.com/en/partners/strategic-alliance/microsoft and azure.microsoft.com/en-us/campaigns/redhat/.