

ORACLE ON LINUX

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- Oracle on Linux allows customers to consolidate on standards-based software stacks running on lower cost hardware, reducing IT costs;
- The Oracle Unbreakable Linux program provides industry-leading global support for Linux;
- Deploy Linux faster with Oracle Validated Configurations—pre-tested, validated architectures, including software, hardware, storage, network components and best practices;
- Multiple industry-leading benchmarks demonstrate world-record performance and scalability with Oracle on Linux;
- Oracle makes technical contributions to enhance the Linux kernel;
- Oracle on Linux offers an opportunity to modernize and automate your data center, while at the same time lowering IT costs.

Oracle is fully committed to supporting and enabling Linux in the enterprise. With Oracle solutions on Linux, customers benefit from high performance, complete reliability, and data security at a fraction of the cost of proprietary platforms. Oracle Unbreakable Linux—a support program that provides enterprises with industry-leading global support for Linux—addresses customer demand for true enterprise-quality Linux support. Only Oracle offers support for the entire software stack running on Linux including enterprise applications, middleware, database and the operating system.

Oracle Unbreakable Linux

Recognizing the demand for true enterprise-quality Linux support and seeing an opportunity to significantly reduce IT infrastructure costs, Oracle now offers Linux operating system support. With the [Oracle Unbreakable Linux](#) support program, Oracle is further committed to delivering high-quality, comprehensive, and integrated support solutions to help ensure enterprises' success with the Linux operating system. Oracle Unbreakable Linux support customers at the Basic and Premier levels have access to the [Oracle Management Pack for Linux](#), a complete Linux server lifecycle management solution, at no additional charge. They also receive [Oracle Clusterware](#), cluster software that allows clustering of single servers so that they cooperate as a single system, at no additional charge. Oracle Clusterware for Unbreakable Linux is available for Linux x86 and Linux x86-64.

Deploy Linux Faster with Oracle Validated Configurations

Oracle Validated Configurations provide easier, faster, and lower-cost deployment of Linux solutions in the enterprise. The program offers pre-tested and validated architectures—including software, hardware, storage, and network components—along with documented best practices. To deliver these configurations, Oracle has partnered with leading industry hardware, platform, driver, and operating system vendors. The result: Improved performance, scalability, and reliability with lower-cost implementations for end-users.

Lower Cost of Computing

Oracle Real Application Clusters on Linux enables consolidation of business applications on a cluster of standardized low-cost Intel servers, forming the foundation of a grid computing infrastructure. Grid computing delivers the highest quality service at the lowest cost, on an infrastructure that can easily adapt to changing business needs. With a grid computing infrastructure built on Linux, the cost of downtime is dramatically reduced; self-managing software and automated administration reduce the cost of management; and customers can incrementally scale-out their IT systems in a cost-effective and risk-free manner.

Long-Standing Commitment to Linux

Oracle's long-standing commitment to Linux started with the release of the industry's first commercial database on Linux in 1998, and that commitment and leadership continues today. With more than 9,000 developers using a Linux infrastructure to do product development, Oracle boasts

one of the world's largest commercial Linux development organizations. Oracle's industry-leading benchmarks demonstrate world-record performance and price-performance of its database, application server and application suites on the low-cost Linux platform. These benchmarks have been run on small 2-processor servers, large 32-processor servers, and multiple clustered servers demonstrating the ability of Linux to support all sizes of workloads on transactional and decision support systems. Oracle's long-standing commitment to securing customer data continues by helping to secure the Linux platform. For example, Oracle Database on Linux has met the Common Criteria Standard at EAL4 level – the highest industry security level for commercial software.

Linux in The Data Center

Oracle further demonstrates its commitment to Linux by running its own IT systems on Linux, and has realized first-hand the benefit of lower IT costs from using Linux in a grid computing infrastructure. For example, Oracle On Demand, Oracle's data and applications outsourcing business, runs on a Linux infrastructure. Oracle customers such as Electronic Arts, Dell, and Ohio Savings Bank, as well as thousands of others in various industry verticals, are deploying their transaction processing, decision support, and third-party applications on the Linux platform. Oracle's growing list of partner Independent Software Vendors have certified their application solutions for the Linux platform, offering customers a wide choice of applications on Linux to suit the needs of their business. Oracle is firmly established as the leader in the Linux database market with more than 82 percent market share (Gartner).

Trusted Source of Linux Expertise

Oracle has worked extensively to ensure a unified Linux operating system code base so that customers will not incur costs for supporting multiple or specialized versions of Linux. Oracle also provides consistent, reliable expertise for building and deploying Linux solutions. Oracle contributes to the Linux Open Source community directly and in collaboration with strategic partners, including Linux distributors. For example, Oracle's Kernel Team contributed [a cluster file system, OCFS2](#), to the Linux kernel under the terms of the GPL, GNU public license. Oracle Berkeley DB, an open source embeddable database, is bundled with practically every Linux distribution--Red Hat, SUSE, Ubuntu, Debian, Montavista--whether server, desktop, or embedded. Commonly used for the Linux password manager, Berkeley DB is also used by hundreds of applications that are part of Linux, such as OpenLDAP, Postfix, Perl, and the Red Hat Package Manager (RPM). By making contributions open source, Oracle ensures that the software is adopted and enhanced by the Linux community.

The True Opportunity

Oracle on Linux offers tremendous opportunities to modernize and automate your data center, while at the same time lowering IT infrastructure costs. Today, many customers are using Oracle on Linux in mission-critical environments and are reaping the benefits of lower costs, easier manageability, higher availability and flexibility along with performance and scalability advantages. Oracle's commitment to Linux is exemplified by industry-leading support with the Unbreakable Linux program, technology contributions to the Linux community, and pervasive use of Linux to run our business. Visit oracle.com/linux for more information.

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