

Five Reasons

To Switch to Oracle Linux

Linux is open source with many distributions to choose from. Both Red Hat and Oracle are big contributors to the community and provide enterprise support. But which Linux best meets your needs?

With Oracle Linux, you can improve security, reduce downtime, simplify operations, and save money. More than 25,000 organizations rely on Oracle Linux, which powers Oracle Cloud. Switching is easy. Oracle Linux is 100% binary compatible with Red Hat Enterprise Linux.

1. Patch vulnerabilities faster than 74% of organizations.

Many companies put off security patches because they don't have the time or resources to effectively plan for them. In an Oracle survey, we found that 74% of organizations take more than three months to patch their systems. Some companies only patch yearly, every five years, or never at all.

With Oracle Linux, you can keep up with compliance, manage security threats, and mitigate against vulnerabilities much faster. Oracle Linux is the only operating environment that offers kernel, hypervisor, and user-space live patching, with no downtime required. Patches can be applied easily with Oracle Ksplice, and you can choose to automate patching to address zero-day exploits. Oracle has delivered millions of patches through Oracle Ksplice.



“ Oracle Ksplice reduces our time and cost for patching significantly. As we patch our systems with zero downtime, we don't need to align with customers and test system availability. ”

Manfred Konrad,
Software Developer, Kristl, Seibt & Co GmbH

2. Run your databases on the same operating systems they were developed on.

Database performance is critical to your business. Your applications depend on your databases, which must be high-performing, secure, and available 24/7. If you are to meet your service-level agreements (SLAs), you must also be able to quickly resolve any issues across your software stack.

We've been developing Oracle Database on Oracle Linux since 2006. Whether on premises or in the cloud, this deep testing and integration delivers built-in security, data safeguards, optimized performance, and scale. And you get enterprise-grade support from one integrated development and support organization, which simplifies your experience and improves your SLAs.



“ The tight integration between Oracle Linux and Oracle Database was a major factor in achieving the 24/7 availability requirements of the National Ignition Facility. ”

Philip Adams,
Chief Technology Officer, National Ignition Facility,
Lawrence Livermore National Labs

3. Docker and Kubernetes support included.

Most organizations are using container technologies such as Docker and Kubernetes to build and deploy their applications on Linux. However, some Linux providers package support for these as separate proprietary products. Not only does this make it more complex and expensive to manage, but it's also another way to lock you in.

With Oracle Linux, you get full support for Kubernetes runtime for Docker, and container services for use with Kubernetes—all included in your Oracle Linux Premier Support. Moreover, you get access to prebuilt Docker container images for Oracle products—tested and approved by Oracle. This makes it easy to get started with products such as Oracle Database, MySQL, and Java. It can save you significant time and resources, while enabling you to standardize containers across your organization and improve compliance.



“ The Oracle container engine is actually built on the Enterprise Linux Kernel. So I think it's extremely stable and secure. I think it's one of the most stable and secure Linux variants in the world. When we actually build our Docker containers, we utilize Oracle Linux as a basis for those as well. ”

Jerry Ward,
Managing Partner, Viscosity, IT Central Station Peer Review

4. A complete stack for your cloud native DevOps that doesn't lock you in.

Traditional infrastructure software remains important, but with the rise of cloud computing, cloud native development practices are fast becoming the new norm. The reasons are clear: Microservices-based applications can increase operational agility and boost productivity for DevOps teams. However, many organizations are overwhelmed by the rapidly changing cloud native technology landscape, and aren't sure how to proceed. Some get locked into expensive proprietary solutions.

Oracle solves this problem with Oracle Linux Cloud Native Environment, a curated suite of open source tools, which are compliant with the Cloud Native Computing Foundation (CNCF) and are included with Oracle Linux Premier Support. Oracle performs extensive integration and testing to ensure the stack works well together. You can run on premises, in Oracle Cloud, or in popular public clouds, while keeping up to date with the latest technologies without lock-in. It's backed by Oracle enterprise-grade support, giving you the confidence to run an open source stack at scale.



“ Wikibon supports Oracle's focus on CNCF projects that meet the quality and availability needs of enterprises deploying mission-critical systems. We also applaud Oracle's decision to work with the community and to deliver only CNCF-compliant solutions. ”

Peter Burris,
Chief Research Officer, Wikibon

5. Flexible, simple, nonrestrictive contracts.

Your IT infrastructure needs to be as simple and cost-effective as possible. However, some providers' contracts can be complicated and inflexible. They might charge you per socket pair or instance/virtual machine (VM), so you have to manage changes to your environment. There may be hidden costs for add-ons, such as management and high availability (HA). Coverage may vary based on your support level. You will need tools just to manage your subscription inventory.

Oracle Linux offers simple, flexible, and easy-to-manage contracts. Everything is based on your physical system with unlimited VMs and containers. All options such as management, HA, zero-downtime patching, and cloud native-tools support are included in either our basic support or our premier support, at no extra cost. Plus, coverage is 24/7 for all levels. So, you can spend less time managing support subscriptions, and more time driving IT success for your organization.



“ At NTT DATA INTELLILINK, my team manages extremely large, mission-critical systems. We switched to Oracle Linux from Red Hat Enterprise Linux because of Oracle's flexible, comprehensive support contracts, live patching with Oracle Ksplice, optimizations for Oracle Database, and the single-vendor support for the full stack. As a result, our systems now run with optimal performance, downtime is no longer unplanned, and our costs have been reduced by 50%. ”

Toshiaki Horio,
Senior Vice President, NTT DATA INTELLILINK

Switching to Oracle Linux is easy and can really benefit your business.

To find out more, visit oracle.com/linux