IT Infrastructure >

# Linux

Organizations need complete, secure IT solutions—not just another Linux distribution. Oracle uniquely delivers Linux with everything required to deploy, optimize, and manage applications on-premises, in the cloud, and at the edge. It's more secure and easier to manage, and it's tuned for demanding workloads at cloud scale. Automation, virtualization, management, high availability, cloud native tools, Kubernetes, and more are all included and supported with a single Premier Support subscription.

Download Oracle Linux  Try Oracle Cloud Free Tier




Greg Marsden, SVP Linux Software Development, Oracle, discusses OpenELA (10:26)

## Reducing Linux patch downtime with Oracle Ksplice

North America: September 22, 2026, 10 AM PST
EMEA: September 23, 2026, 11 AM CEST
APAC: September 30, 2026, 12:30 PM SGT

In this technical webinar, Oracle experts will show how live patching enables critical updates without reboots, reducing downtime and helping mitigate the risk of external attacks. Learn how Oracle Ksplice supports faster patching across the kernel, hypervisor, and key user space libraries while minimizing disruption to business critical systems.

Register for: NA session | EMEA session | APAC session

**Oracle Linux: The ideal choice for running Oracle Database (PDF)**

Learn what makes Oracle Linux the ideal choice for running Oracle Database.

Read the paper (PDF)

**Migrate and upgrade: CentOS 7 to Oracle Linux 8 in one step**

This guide shows how to upgrade and migrate from CentOS 7 to Oracle Linux 8.

Read the blog

**Oracle Linux: A Robust Backbone for SAP Workflows**

Oracle is continuously working with SAP to certify and support SAP NetWeaver-based applications on Oracle Cloud Infrastructure (OCI). OCI runs on Oracle Linux, making it easier for companies to move Oracle-based SAP applications to the cloud. Discover the advantages of running your SAP NetWeaver-based applications on Oracle Linux.

Read the article

**Introducing UEK-next**

Developers: Now you can easily preview cutting-edge, upstream kernel innovations. With UEK-next, you can try out the latest developments from upstream Linux using a kernel built by Oracle.

**Oracle Linux State of the Penguin**

Learn how Oracle OS Management Hub, Oracle's next-generation OS management service, can help you automate and simplify the management and monitoring of updates and patches for your Oracle Linux systems.

**Keeping Linux open and free**

CIQ, Oracle, and SUSE recently announced the Open Enterprise Lin Association (OpenEl collaborative trade association to encou the development of distributions compatible with Red Hat Enterprise Linux (RHEL) by providing open and free

Enterprise Linux (EL) source code.

Read the blog

Learn more

Read the latest press release

# Linux Operating System (OS) with automation, virtualization, and Kubernetes all included

## Increase performance and reliability across environments

Engineered for critical workloads, Oracle Linux supports the latest x86 and Arm architectures across on-premises, multicloud, and edge environments. It supports large-scale, data- and compute-intensive workloads and powers the Oracle public cloud.

Read the Oracle Linux datasheet (PDF)

## Centralize and automate patch updates

Automate, streamline, and simplify the management and monitoring of updates and patches for your Oracle Linux systems. Schedule and apply updates from both Oracle and non-Oracle software repositories, all through a single management console in OCI.

Learn more about OS Management Hub

## Automate IT processes and management tasks

Increase scalability, security, and productivity by automating manual processes in DevOps with open source, ansible-based automation tools included in your Linux support at no extra cost.

Learn more about Oracle Linux Automation Manager (PDF)

## Modernize and reduce virtualization costs

Use modern, low-overhead, open source KVM hypervisor and management tools to improve performance/scalability and reduce mounting virtualization costs.

Read the Oracle Linux KVM and Virtualization Manager datasheet (PDF)

## Enhance security and compliance

Improve IT security and meet your compliance requirements by applying security vulnerability fixes without downtime for kernel, hypervisor, and critical user-space libraries. Detect known exploits and use a distribution that has FIPS and Common Criteria certifications.

Learn about increasing DevOps security with Oracle Linux

## Run cloud native apps on-premises and in the cloud

Use a Cloud Native Computing Foundation (CNCF)–certified Kubernetes and a curated stack of open source software to configure, deploy, update, and upgrade infrastructure and run cloud native applications—all included at no extra cost with Premier Support.

Learn about Oracle Cloud Native Environment

## Oracle Linux Support

Oracle offers 24/7 global support services delivered by a dedicated Linux support team and an automated online patching service for our Premier Support customers. For business-critical infrastructure, consider Oracle Linux Support.

The Value of Oracle Linux Support (PDF) Buy now

### Basic

**Cost-effective, 24/7 enterprise-grade**

Buy Oracle Linux Basic Support

Global, around-the-clock support for Oracle Linux, including Oracle OS Management Hub, Oracle Clusterware, Oracle Container Runtimes, and more.

### Premier and Premier Plus

**Comprehensive**

Buy Oracle Linux Premier Support

Buy Oracle Linux Premier Plus Support

Simplify your operations and reduce operating expenses with a single support offering that includes Oracle Linux, virtualization, management, high availability, zero-downtime patching, cloud native computing tools, and more. Oracle Linux Premier Plus

### Extended

**Move to new releases when you're ready**

Lifetime Sustaining Support (PDF)

Read the datasheet (PDF)

Oracle Linux Premier Support for major Oracle Linux releases (PDF) is available for te years after the release date. After that, suppo can be extended for additional years with Oracle Linux Extended Support, followed by Lifetime Sustaining Support

**Includes**

- 24/7 telephone and online support
- Around-the-clock access to enhancements, updates, and errata
- Oracle OS Management Hub
- High availability with Oracle Clusterware
- Container Runtimes

View all features

**Includes**

All that Basic Linux Support includes, plus the following:

- Zero-downtime patching with Ksplice
- Oracle Linux KVM and Oracle Linux Virtualization Manager (PDF)
- Oracle Cloud Native Environment
- Premier backports
- Premier Plus adds unlimited virtual machine support for each physical CPU pair

View all features

**Includes**

- 24/7 telephone and online support
- Unlimited service requests
- Critical security errata and select high-impact bug fixes

Oracle Linux Support policies (PDF)

# Customer success with Oracle Linux

Customers are improving security, reducing downtime, simplifying operations, advancing their DevSecOps, and saving money by switching to Oracle Linux.

JUNE 26, 2025

## Oracle Linux 10 Now Generally Available

Gursewak Sokhi, Senior Technical Product Manager - Oracle Linux & Virtualization

Oracle Linux 10 delivers robust security and exceptional performance for business agility and demanding workloads at cloud scale. Key features include modernized cryptographic capabilities, advancements in developer tooling, and innovations for resilient infrastructure. These enhancements enable organizations to build and run applications faster and more securely across distributed and multicloud environments.

Read the complete post

### Featured Oracle Linux blogs

JULY 15, 2026

Where did my memory go? When total memory is not total memory in linux

JUNE 29, 2026

What's new for NFS in Unbreakable Enterprise Kernel Release 7?

JUNE 18, 2026

Linux Memory Compaction: Internals and Debugging — Part 2: Observing and Interpreting Compaction Data

JUNE 16, 2026

Asynchronous vCPU Unplug in libvirt

View all

# Linux OS resources

## Analyst reports

DSC: The Winner for the Best CentOS Linux Replacement (PDF)

Switching to Oracle Linux—A Total Value Analysis (PDF)

Improving Federal Security with Automated Patching: Market Trends Report (PDF)

Curating the Production-Grade Cloud Native Computing Stack

Why KVM is Winning Over VMware vSphere (PDF)

ESG: Today's Top 3 IT Challenges with Modern Application Environments (PDF)

Constellation Research: Oracle Boosts DevOps Velocity With Oracle Linux Automation Manager (PDF)

Evaluator group: Six Success Factors for MSPs (PDF)

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## Support and services

## Technical and business briefs

# Get started with Oracle Linux



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