

aws marketplace

AlmaLinux

Reviews, tips, and advice from real users



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Product Recap



AlmaLinux

AlmaLinux Recap

AlmaLinux is an open-source, enterprise-level Linux distribution designed to provide stability, high performance, and community-driven support. It offers compatibility with RHEL, making it a reliable option for businesses seeking robust OS alternatives.

Built by CloudLinux, AlmaLinux serves enterprises looking for a powerful Linux distribution. It boasts seamless transitions from CentOS, providing a familiar environment for IT teams. With its open-source nature, AlmaLinux empowers organizations by offering control over their workflows. It supports diverse workloads, making it suitable for handling anything from basic setups to complex architectures. AlmaLinux stands out due to its strong security features, which focus on protecting sensitive data and maintaining secure server environments.

What are AlmaLinux's most important features?

- **Compatibility with RHEL:** Ensures a seamless transition for users familiar with Red Hat Enterprise Linux.
- **Long-Term Support:** Offers extended support periods, ensuring stability for enterprise systems.
- **Rich Community Support:** Backed by an active community and regular updates.
- **Security Enhancements:** Integrated security improvements for protecting business data.
- **Open-Source Nature:** Provides flexibility and customization through a transparent codebase.

What benefits or ROI should users look for?

- **Cost Efficiency:** Free to use, reducing operational expenses.
- **Reliable Performance:** Consistent updates and support for enterprise needs.
- **Reduced Vendor Lock-in:** Allows migration from other enterprise Linux systems with ease.
- **Security Assurance:** Continuous security patches protect corporate assets.

AlmaLinux has been implemented across industries like finance, healthcare, and technology due to its reliability and adaptability. In finance, it ensures secure transactions and data integrity. Healthcare organizations rely on it for managing sensitive patient data. Tech companies use it for its stability and community-driven enhancements, making it a versatile choice for diverse applications.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “Moreover, stable OVS networking and floating IP configuration is very easy for me when using AlmaLinux, making it a reliable and highly recommended option for teams needing an enterprise-grade Red Hat compatible workflow without the subscription cost.”



Naim Khan

DevOps Engineer at SMC Labs, LLC

- ✓ “Using AlmaLinux was a condition to do my job, and right afterwards, I have been enjoying it.”



Onyehialam Gracious

Cloud Security Engineer at Andela

- ✓ “The long-term support provided by AlmaLinux helps my business by ensuring that we do not have to renew our servers every four to five years.”



Verified user

Owner

- ✔ “What I especially appreciate about AlmaLinux is the long-term support, which I consider a top priority because many companies and other users need to focus on support, and I believe AlmaLinux is the best for it.”



Laszlo Porcsin

Junior Software Test Automation Engineer at a consultancy with 51-200 employees

- ✔ “Positively, I can say that AlmaLinux has brought a sense of stability, and besides the security patches, we also noticed better virtualization for our use cases.”



Verified user

DevOps at a energy/utilities company with 501-1,000 employees

- ✔ “AlmaLinux offers the best features in that it is freeware for RHEL, and it is really reliable.”



AnilKumar13

Azure Dev Ops Engineer at a engineering company with 5,001-10,000 employees

- ✔ “AlmaLinux has impacted our organization positively by providing a stable and reliable enterprise Linux platform without licensing cost.”



Haithem Hamed

Ingénieur Système at Groupe Open SA

What users had to say about valuable features:

“The most valuable features of AlmaLinux are its long-term support, which is a significant advantage as CentOS lacks it. AlmaLinux has a predictable update cycle unlike Fedora and the frequent updates of CentOS from Red Hat. Additionally, AlmaLinux offers excellent stability..”

Alex Kvasnytskyy

Technical Operations Manager at a wholesaler/distributor with 10,001+ employees

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“The GUI features are excellent, and I find both the GUI features and console access valuable about AlmaLinux.

AlmaLinux has positively impacted our organization.

We are using the web application in our on-premises environment. It is faster for deployment and comfortable for our on-premises environment, allowing us to handle and manage it smoothly..”

Verified user

sr solution associate at a tech services company with 51-200 employees

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“The benefits and features of AlmaLinux include no licensing cost, a smooth migration from CentOS, fast predictable updates, and strong performance.

These features help my team by following Red Hat release cycles for infrastructure maintenance, which makes scheduling maintenance easier after a RHEL release cycle, and it also helps with CIS benchmark compliance. .”

Rajeshk Kumar Nayak

Open Shift Engineer at Dhanyaayai enterprise private limited

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“AlmaLinux provides the DNF command to install packages, making it very easy to install any package. The patching and security patches are very reliable in my environment.

“Before AlmaLinux, I used a CentOS system. In CentOS, if you want to install any packages, you have to install that package using the RPM command, which only installs a specific package. With AlmaLinux using DNF, it installs the whole packages with their dependencies, which is a bit easier.

“Stability is good in AWS as well as when I installed it on VirtualBox, so stability and performance are very good. It uses minimum resources while providing high performance.

“AlmaLinux does not require any specific additions from my side; it only requires strong support as Red Hat provides. This means the organization can make and afford to use it..”

Imran Shaikh

Senior System engineer at a tech vendor with 501-1,000 employees

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“In terms of support provided by TuxCare, it is good, particularly regarding patching and updates. The OS updates are prompt compared to when we were using Amazon Linux, which had unpredictable patches and a lot of vulnerabilities.

“The prompt patching and OS updates with AlmaLinux have helped our team by improving our FedRAMP compliance and vulnerability scan reports, since AlmaLinux connects better with KernelCare provided by TuxCare. We are also using JFrog with these new AlmaLinux images, which means the AlmaLinux repositories for package updates provided by TuxCare are updated more frequently compared to other repositories such as Amazon Linux 2.

“AlmaLinux has positively impacted our organization because our goal was to generalize our entire fleet into one operating system, which earlier was not the case as we were using around seven to eight different operating systems. We have now taken up this project to drive it from a central image, allowing us to deploy common security agents, monitoring agents, and different compliance packages or patching workflows to the entire fleet. That centralization has been progressing well..”

Mayur Kapurkar

Cloud Software Engineer at Coupa Software

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“The best features AlmaLinux offers focus on enterprise service, such as a server engine for our database, as well as compatibility with other external environments, being useful for Red Hat and CentOS, and very ideal for our company, where we also have DevOps, making it the backbone of infrastructure for the CI/CD pipeline and Docker deployment and everything else, plus security, as we use it for firewalls, intrusion detection systems, and monitoring services such as Prometheus and Grafana. We specifically use AlmaLinux because of its stability, its binary compatibility with RHEL, and the additional promotions for everything else.

“The most valuable feature I find in AlmaLinux is the binary compatibility with RHEL and the long-term stability, which makes it a predictable, rock-solid system behavior, while also having small and safe packaging for subsystems or systems that run twenty-four hours a day, seven days a week. It is also very useful for long-term projects as a company's software for release, with a huge ecosystem, which is why I appreciate it so much, along with the security, as it offers a stable kernel API with timely security patches. The tooling stability for DevOps is also significant, allowing easy use of infrastructure as code with Ansible or scripting playbooks that remain valid for years, making it especially important for the CI/CD pipelines.

“AlmaLinux has positively impacted my organization by being the backbone of our system, which is vital for our revenue as the backbone of our data center..”

Olvanot Olvanot

system administration | DevOps | Software Developer at a tech vendor with 11-50 employees

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Other Solutions Considered

“Prior to using AlmaLinux, we utilized Red Hat, which posed significant financial challenges due to its subscription model and complexity. Comparatively, AlmaLinux serves as a very suitable alternative, matching the Red Hat environment with lower costs..”

Naim Khan

DevOps Engineer at SMC Labs, LLC

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“Before settling on AlmaLinux, I evaluated other options while testing in a local environment, especially for students encountering financial constraints. Given its resemblance to Red Hat and CentOS, I recommended AlmaLinux as the best solution due to its free nature..”


Naim Khan

DevOps Engineer at SMC Labs, LLC

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“I have used Rocky Linux, Oracle Linux, Ubuntu, Manjaro, Linux Mint, Fedora, and Red Hat. Red Hat can be used for community purposes, but there are some requirements..”

Laszlo Porcsin

[Read full review](#) 

Junior Software Test Automation Engineer at a consultancy with 51-200 employees

“Before choosing AlmaLinux, I evaluated Rocky Linux, but it seemed to have the same organizational issues that CentOS faced. I found AlmaLinux to be a safe bet for the long run as it is supported by a foundation without commercial interests. I also contemplated moving back to Ubuntu, but that would have required rewriting all of our configuration scripts, which I did not have time for after just doing that for CentOS..”

Verified user

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Owner

“I initially started with Ubuntu and then migrated to Kali Linux. From Kali Linux, I went into AlmaLinux because of a project I was currently working on for a client who specifically indicated that I use AlmaLinux for that project. That was how I transitioned from Kali Linux to AlmaLinux..”

Onyehialam Gracious

Cloud Security Engineer at Andela

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“When I compare AlmaLinux to alternatives, I think it is somewhat different because I try to separate them. I believe Enterprise Linux distributions, including Red Hat, Oracle, AlmaLinux, and Rocky, are very fine systems. Others, such as Ubuntu, Arch Linux, and Manjaro, have fewer vendors in my opinion.

Regarding my experience today, I installed AlmaLinux 8, and everything is okay, but the significant problem is that AlmaLinux does not ship with Wi-Fi drivers. For me, this is not a problem because I grew up with Linux and open source, so I know that I need to research and troubleshoot this issue. I found many third-party repositories, and with these, I could use my Wi-Fi and install any other third-party applications. So in comparison with the others, this is a slight disadvantage..”

Laszlo Porcsin

Junior Software Test Automation Engineer at a consultancy with 51-200 employees

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ROI

Real user quotes about their ROI:

“The most immediate benefit has been the elimination of licensing and subscription fees compared to commercial enterprise Linux distributions or Windows..”

Haithem Hamed

Ingénieur Système at Groupe Open SA

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“I have not seen a return on investment in terms of needing fewer employees since I am a single-person business, but moving over to AlmaLinux saves a lot of time because of the long-term support, meaning I do not have to support the latest version every couple of years..”

Verified user

Owner

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“We are measuring specific outcomes since moving to AlmaLinux, but we have not come up with those metrics yet because until the last one or two months, we were in the development phase where I was part of building the image. Now the images are being used by different stakeholders or teams, so we will see the results..”

Mayur Kapurkar

Cloud Software Engineer at Coupa Software

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“In terms of return on investment from using AlmaLinux, I maintain that since we use the free version, we have saved significantly and have encountered fewer security risks. If the AlmaLinux team announces that the latest version complies with CIS benchmarks and security protocols, I will continue to endorse AlmaLinux..”

Naim Khan


DevOps Engineer at SMC Labs, LLC

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“AlmaLinux impacts an organization by helping you understand when there are errors or flaws that you need to mitigate by providing you the logs. The errors and logs are found when you initiate it, helping in communication because you are able to read your log files and communicate with your colleagues about what I have seen on the logs, stating we have to fix specific issues..”

Onyehialam Gracious

Cloud Security Engineer at Andela

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Use Case

“My main use case for AlmaLinux is to use it for our servers, maintaining it as the backbone of our infrastructure, such as the data centers for our system, our web server, our application server, and everything else we do, making it the backbone of our system and infrastructure architecture. We use AlmaLinux for our business case..”

Olvanot Olvanot

system administration | DevOps | Software Developer at a tech vendor with 11-50 employees

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“I use AlmaLinux as the base operating system for all of our Linux servers. Our environment includes use cases that range from a load balancer on the NGINX platform to our monitoring software, Check Point, on AlmaLinux. We also run Microsoft SQL Server on AlmaLinux..”

Alex Kvasnytskyy

Technical Operations Manager at a wholesaler/distributor with 10,001+ employees

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“I have been using AlmaLinux for the last 2.5 years. In my organization, we use a Red Hat Enterprise version, but I required Red Hat alternatives to work in my home setup, which is why I chose AlmaLinux. I have hosted one site locally as well as in AWS, and during that time I have hosted that site on AlmaLinux. I deployed one EC2 instance using AlmaLinux OS, and on that OS, I set up that website..”

Imran Shaikh

Senior System engineer at a tech vendor with 501-1,000 employees

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“My main use case for AlmaLinux is to build a custom image on top of the AlmaLinux image provided by TuxCare. I use that custom image to supply it through all the stakeholders, for example, different teams to use it to launch VMs or containers for whatever workloads they have, and these images are created by our team.

“The use case with AlmaLinux is that we are using a common OS platform for our entire environment, which was earlier divided into multiple operating systems..”

Mayur Kapurkar

Cloud Software Engineer at Coupa Software

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“AlmaLinux is used for web hosting and control panels, enterprise production servers, cloud and containerization, regulatory industries, and edge computing.

AlmaLinux serves as a replacement for CentOS in cPanel, Plesk, and DirectAdmin environments, and it performs excellently for MySQL and PostgreSQL databases, LAMP stacks, and ERP software. It is also beneficial for cloud and containerization, such as virtualized infrastructure and cloud-native applications. .”

Rajeshk Kumar Nayak

Open Shift Engineer at Dhanyaayai enterprise private limited

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“My main use cases for AlmaLinux include running Apache and sub-applications for our web application. I also use it for long-term support capabilities. I use it for testing, production servers, VMs, and other infrastructure needs. I use AlmaLinux for production, UAT, and test environments, as well as for cloud containerization.

AlmaLinux helps with these use cases by allowing me to use the virtual environment for hosting our web application using Apache services. I use it for both testing and production environments. It is compatible because it is robust and has efficient storage for application deployment.

Different types of developers in my organization use AlmaLinux for building applications. We use AlmaLinux rather than Windows subsystem for our projects, testing, UAT, and production work.

AlmaLinux's open-source nature stands out the most for my team. We do not directly use CentOS or Windows servers. AlmaLinux is compatible with our application for testing purposes. We perform stage-to-stage checking, updating, and patching of applications for security reasons and assessment testing. It is suitable for our environment.

AlmaLinux is supported on high-performance computing, which I find valuable for my main use cases..”

Verified user

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sr solution associate at a tech services company with 51-200 employees

Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

“My experience with AlmaLinux in terms of pricing, installation cost, and license has been very positive because AlmaLinux is free and open source with no licensing or subscription fees, which significantly reduced our operating cost in comparison to commercial enterprise Linux distributions..”

Haithem Hamed

Ingénieur Système at Groupe Open SA

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“I follow the documentation for AlmaLinux, which I believe could be more extensive for enterprise setups. My primary use case remains deploying private cloud infrastructure using OpenStack Yoga, thus suggesting improvements to cater to specific cloud instances like AWS Graviton or Azure NVMe..”

Naim Khan

DevOps Engineer at SMC Labs, LLC

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“The initial setup is pretty much straightforward. I use automation tools such as Ansible for the installation process, making deployment efficient regardless of whether it's AWS or on-site..”

Alex Kvasnytskyy

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Technical Operations Manager at a wholesaler/distributor with 10,001+ employees

“I set up AlmaLinux on my machine myself. I went to the official AlmaLinux website, found the ISO image file that I needed, and verified the checksum file on my PowerShell before I installed it to ensure that I installed the verified and authenticated ISO image type.

“I found the initial setup process to be straightforward. I documented the entire setup on LinkedIn and could share the link if needed..”

Onyehialam Gracious

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Cloud Security Engineer at Andela

“From my point of view, the deployment of AlmaLinux is absolutely easy. I download any ISO, create it on Ventoy or another tool, and possibly use Rufus for Windows. After plugging it into the laptop, I choose the boot system, and everything is fine. I receive a welcome message, then I need to choose the keyboard and language. Following that, I see the system requirements, the root user, and system settings such as date and time. After that, I choose whatever I want to install, click to install, and everything is fine. I find it very easy, at least for me..”

Laszlo Porcsin

Junior Software Test Automation Engineer at a consultancy with 51-200 employees

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Customer Service and Support

“I have not used AlmaLinux support at all. I rely on the extensive documentation available online and various forums. Additionally, my team has several individuals who are very familiar with AlmaLinux, and we have been managing well on our own..”

Alex Kvasnytskyy

Technical Operations Manager at a wholesaler/distributor with 10,001+ employees

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“I have never contacted any sort of technical support regarding AlmaLinux because I do not need it. As I mentioned, if I encounter any problem or find a bug or issue, I use AI or Google to resolve it..”

Laszlo Porcsin

Junior Software Test Automation Engineer at a consultancy with 51-200 employees

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Other Advice

“AlmaLinux is better than other Linux flavors, and I recommend it for maintaining systems. To make it better, utilize the GUI so that you can use it more effectively for your computers. I have given this product a rating of eight out of ten..”

Verified user

sr solution associate at a tech services company with 51-200 employees

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“Overall, I would rate AlmaLinux a ten. I would recommend AlmaLinux because it is a stable, simple operating system with a straightforward installation process that I have found reliable so far without any glitches. I rate the overall solution ten out of ten..”

Alex Kvasnytskyy

Technical Operations Manager at a wholesaler/distributor with 10,001+ employees

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“Computing power could be added while executing the commands to illustrate positive outcomes, but there are no specific metrics available at this time. Two points were deducted only for the support aspect. Any Linux distribution can be shifted to AlmaLinux, as it is very good to use and easy to manage. I would rate this product an 8 out of 10..”

Imran Shaikh

Senior System engineer at a tech vendor with 501-1,000 employees

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“For others looking into using AlmaLinux, I would advise that if you are worried about licenses and migration from CentOS and looking to optimize some performance, you can go with AlmaLinux.

I would rate this solution a 9. .”

Rajeshk Kumar Nayak

Open Shift Engineer at Dhanyaayai enterprise private limited

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“My advice for others looking into using AlmaLinux is to prioritize its stability, reliability, predictable behavior, long-term support, and brand compatibility, along with careful planning, automation, documentation, and understanding that security Linux should not be disabled, as SELinux restricts what a user can do, keeping the major security advantages intact. I would rate this product nine out of ten..”

Olvanot Olvanot

system administration | DevOps | Software Developer at a tech vendor with 11-50 employees

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“I would advise others looking into using AlmaLinux to first fix their strategy for patching and have that in place, as we rely on KernelCare for our OS patching, but it seems to lag behind, causing us to breach our SLAs for FedRAMP and PCI. If your automations are stronger or if you rely on relaunch-based updates or use new images with continuous patching and reboots for the machines, that will be a better approach. I rate this product a seven because, as I mentioned, there are criticisms mainly around patching. Since we own the patching, it needs some improvement, and since it is a new operating system, the patch sets are not readily available, so that area needs work. Better community support such as that of [Ubuntu](#) or [RHEL](#) might lead to better results..”

Mayur Kapurkar

Cloud Software Engineer at Coupa Software

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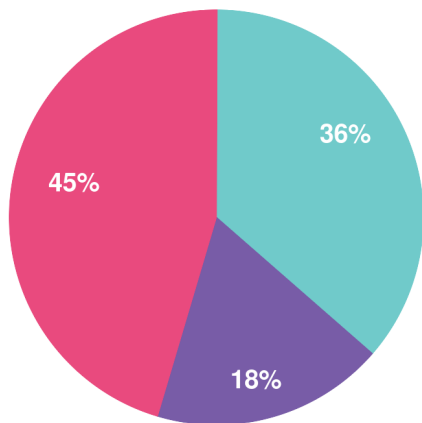
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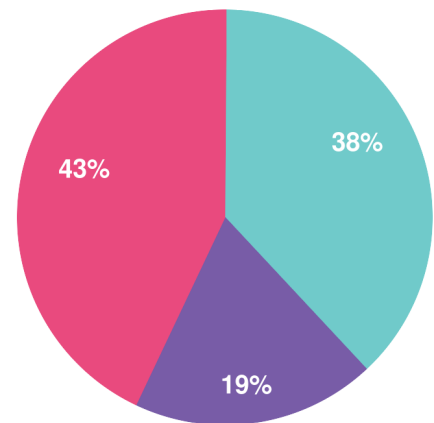


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by reviewers



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Large Enterprise Midsize Enterprise Small Business

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