

aws marketplace

LAMP Stack CentOS

Reviews, tips, and
advice from real users



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Product Recap



LAMP Stack CentOS

LAMP Stack CentOS Recap

LAMP Stack CentOS offers a reliable platform for deploying web applications. By combining Linux, Apache, MySQL, and PHP on a CentOS operating system, it provides a consistent environment for building and running complex web applications.

This solution is commonly used in web hosting and IT environments due to its open-source nature, making it cost-effective and flexible. LAMP Stack CentOS is valued for its stability and security, which are critical for developing and maintaining web applications. It benefits developers and system administrators by providing a proven combination of technologies that streamline various processes, reducing development time and improving performance.

What are the key features of LAMP Stack CentOS?

- **Open-Source Platform:** Provides a cost-effective solution for businesses.
- **Robust Security:** Ensures a secure environment for web services.
- **Comprehensive Documentation:** Offers extensive resources for troubleshooting and development.
- **Flexibility:** Supports a wide range of applications and configurations.

Why should businesses consider LAMP Stack CentOS?

- **Cost Efficiency:** Reduces expenses with its open-source nature and minimal licensing fees.
- **Enhanced Performance:** Delivers superior web application speed.
- **Scalability:** Easily adapts to growing business needs without significant modifications.
- **Community Support:** Access to a large community of developers for support and innovation.

In retail and e-commerce, LAMP Stack CentOS is favored for its ability to handle large volumes of online transactions securely, ensuring website performance during high traffic periods. In healthcare, it enables secure patient data management systems, maintaining compliance with industry standards. Its adaptability makes it suitable for diverse business environments.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “LAMP Stack CentOS has impacted my organization positively as it was the main stack for the development and hosting of the developed solutions for some of the companies.”



FedirPlotnikov

Senior Cloud Engineer at Globant

- ✓ “LAMP Stack CentOS has positively impacted my organization by providing a standard, zero-license, licensing-free gateway into the Red Hat enterprise ecosystem.”



Hamza Sharif

Cloud Engineer at a consultancy with 11-50 employees

- ✓ “LAMP Stack CentOS has positively impacted my organization by allowing me to better serve clients with PHP in a smooth way, so I don't need to request anything else from my clients to run their applications.”



João Carlos Fachini

Senior Software Engineer at ethira

- ✔ “LAMP Stack CentOS builds client trust that we can get our projects live in no time and builds credibility for the organization.”



Gaurav-Bansal

Support Engineer at a tech vendor with 5,001-10,000 employees

What users had to say about valuable features:

“In my opinion, the best features LAMP Stack CentOS offers include a reliable and predictable solution for hosting PHP applications. The stability of the solutions and the CentOS and Red Hat release policy make it predictable for me, which ensures that I always have a tested and stable version in the official repositories.

“LAMP Stack CentOS has impacted my organization positively as it was the main stack for the development and hosting of the developed solutions for some of the companies. This impacted my teams and business outcomes as the whole business was based on the ability to release PHP-based applications, so it is basically one of the core services for the business..”

FedirPlotnikov

Senior Cloud Engineer at Globant

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“The best features LAMP Stack CentOS offers include the integration between the items of the stack, such as Apache and PHP, and also the facility to configure.

When I mention the integration between the items in the stack, I mean how Apache, PHP, and MySQL work together out of the box. I think the integration between the components of the stack is very good, and the process to configure it is very smooth from the user perspective.

LAMP Stack CentOS has positively impacted my organization by allowing me to better serve clients with PHP in a smooth way, so I don't need to request anything else from my clients to run their applications.

It has helped me save time, reduce costs, and improve performance for my clients, as it allows me to work with legacy PHP applications without any modifications. We don't need to spend time migrating the existing systems of my clients, and this saves costs for them..”

João Carlos Fachini

Senior Software Engineer at ethira

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“The standout feature of LAMP Stack CentOS in my experience is the rock-solid enterprise-grade architecture inherent to the Red Hat ecosystem distributions. The DNF, formerly YUM, the package manager, handles enterprise repositories cleanly. The security defaults, particularly the inclusion of SELinux, provide a drastically smaller attack surface for public-facing Apache servers as compared to other distributions.

“There are several other features of LAMP Stack CentOS that stand out as the most valuable in my daily work. The lifecycle management and predictable behavior of configuration files are particularly noteworthy. The standard layout inside the /etc/httpd/conf means that administrators coming from an enterprise Red Hat or Fedora background can seamlessly navigate and maintain the stack without any friction.

“LAMP Stack CentOS has positively impacted my organization by providing a standard, zero-license, licensing-free gateway into the Red Hat enterprise ecosystem. It allows us to build and host heavy web backends with enterprise levels of security and predictability without incurring the massive subscription overhead costs of commercial enterprise Linux systems licenses..”

Hamza Sharif

Cloud Engineer at a consultancy with 11-50 employees

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“The best features that LAMP Stack CentOS offers include the inclusion of Apache, MySQL or MariaDB, and PHP, making it easy to install them with the YUM package manager on CentOS quickly. Installation takes around ten minutes, and then you can configure it.

“A particular standout part of the process for me is that it is acceptable to do it bundled together, or you can also install every package individually, such as PHP, MySQL, and Apache. You can also install different versions if a different PHP version is required for a website.

“For the features of LAMP Stack CentOS, I appreciate that we can set up a staging website.

“Staging sites have helped my workflow by ensuring that everything is deployed correctly, as we can deploy it on a staging site with the use of the sites-available configuration in Apache. This helps significantly.

“LAMP Stack CentOS has positively impacted my organization by helping to cater to client requests immediately because it does not require much time.

“LAMP Stack CentOS builds client trust that we can get our projects live in no time and builds credibility for the organization. It has done this for my organizations in the past, as they believe that the engineers can deploy the website in minutes. They do not know what is behind the scenes, but we know it takes no time.

“When I say LAMP Stack CentOS builds credibility and helps us deploy websites in minutes, a rough number on time saved includes a client wanting to see if their code is working after making changes to the previous website. We spun up the configuration with the sites-available folder on a subdomain, allowing us to show the client their staging site in minutes. With the configuration in sites-available and using Apache CTL config to enable the sites-available, they could see their staging site. The staging site was acceptable to them, so we just changed the configuration of Apache CTL to make the staging site production and the previous production site go down, which really built a strong relationship with the clients..”

Gaurav-Bansal

Support Engineer at a tech vendor with 5,001-10,000 employees

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Other Solutions Considered

“I used the MEAN stack in the past, and I am already using both solutions because I think there are scenarios depending on what technologies the client uses..”

João Carlos Fachini

Senior Software Engineer at ethira

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Use Case

“My main use case for LAMP Stack CentOS is hosting websites and different PHP-based applications. A specific example of an application I have hosted using LAMP Stack CentOS is WordPress and Laravel frameworks..”

FedirPlotnikov

Senior Cloud Engineer at Globant

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“Our primary use case for LAMP Stack CentOS is the hosting of enterprise-grade monolithic web applications and corporate backend systems that require a highly strict Red Hat-based operating environment. For example, we use it to run internal inventory tracking tools and legacy client portals where the core application depends on an Apache web server frontend and a localized or clustered MySQL/MariaDB database and PHP business logic processing..”

Hamza Sharif

Cloud Engineer at a consultancy with 11-50 employees


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“My main use case for LAMP Stack CentOS involves client applications that are based on this stack because they have a legacy system that already runs in old versions of PHP.

One specific example of how I use LAMP Stack CentOS to support my legacy system is that we have an e-commerce client that uses PHP 5, and it runs alongside Apache for running the sale of services for their clients. It supports almost 100,000 requests per day in a smooth way..”

João Carlos Fachini

Senior Software Engineer at ethira

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“My main use case for LAMP Stack CentOS is to install on servers and then deploy web applications, such as Django or Node.js or a website on WordPress.

“A recent project where I used LAMP Stack CentOS was when we needed to deploy e-commerce stores, so we used LAMP Stack CentOS for that.

“My main use cases for LAMP Stack CentOS are primarily for websites only, as I have only installed it for websites..”

Gaurav-Bansal

Support Engineer at a tech vendor with 5,001-10,000 employees

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Other Advice

“I have not used the AI capabilities of LAMP Stack CentOS, so I cannot comment on its accuracy and reliability of output. My advice for others looking into using LAMP Stack CentOS is to feel free to use it if you have a lot of experience with Red Hat-based distributions and need a reliable solution for hosting PHP solutions without overwhelming issues with licensing or anything else, as it is a good reliable solution for a PM base. I gave this product a rating of 8..”

FedirPlotnikov

Senior Cloud Engineer at Globant

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“My advice to others looking into using LAMP Stack CentOS is that they should be quite aware of the Apache CTL config and the sites-available httpd.conf config, because it is quite customizable, but they should have strong knowledge of that.

“Regarding LAMP Stack CentOS's capabilities, I think the security is sound, but we need to enable modules and do the configurations. It provides tools and CLI tools to configure most of the things, so it is quite governable and beneficial.

“In terms of LAMP Stack CentOS's capabilities, the accuracy and reliability of output are quite reliable, as all the config CTLs help to check the syntax. I am not certain if it uses AI, but the config CTL is very strong, and the syntax check is beneficial. If the code is correct, everything goes well.

“I rate this product nine out of ten..”

Gaurav-Bansal

Support Engineer at a tech vendor with 5,001-10,000 employees

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“I always immediately configure and tune the SELinux, which is Security-Enhanced Linux, policies in relation to my main use case with LAMP Stack CentOS. Out of the box, SELinux will block Apache HTTPD from making network connections or writing to specific directories. Instead of completely disabling it, which is a major security flaw, we explicitly write policies such as `setsebool -P httpd_can_network_connect_db` to allow secure communication with the database while keeping the OS fully hardened.

“I chose a rating of eight out of ten for LAMP Stack CentOS because while the underlying technology and security and Apache/MariaDB components are phenomenal, the recent structural shifts to CentOS Stream require the DevOps team to put in extra effort to manage pipeline stability compared to the past.

“The advice I would give to others looking into using LAMP Stack CentOS would be to be more careful about the security and to be more careful about the pricing model because there are enterprise versions that are available for free on [AWS](#), and there are some marketplace offerings that you have to buy. Keep an eye on the pricing models. Configuration with respect to the best practices is the key point of using LAMP Stack CentOS..”

Hamza Sharif

Cloud Engineer at a consultancy with 11-50 employees

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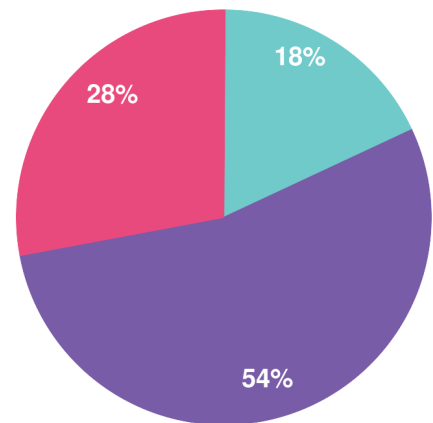
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