

aws marketplace

Jenkins on Hardened Ubuntu

# Reviews, tips, and advice from real users



Powered by  PeerSpot



# Contents

Product Recap.....	3 - 4
Valuable Features.....	5 - 11
Other Solutions Considered.....	12
ROI.....	13
Use Case.....	14 - 17
Setup.....	18
Customer Service and Support.....	19
Other Advice.....	20 - 22
Trends.....	23 - 24
About PeerSpot.....	25 - 26

# Product Recap



Jenkins on Hardened Ubuntu

# Jenkins on Hardened Ubuntu Recap

Jenkins on Hardened Ubuntu is a powerful integration tool designed for secure continuous delivery and deployment. It offers enhanced security and performance for DevOps environments, making it ideal for teams focused on efficient, safe software development pipelines.

Jenkins on Hardened Ubuntu provides a robust platform for continuous integration and continuous deployment (CI/CD), tailored specifically for secure environments. It integrates security features with Jenkins to minimize vulnerabilities and streamline development processes. This combination enables consistent and efficient software builds, testing, and deployment cycles, ensuring software integrity and reducing risks associated with code delivery.

## What are the key features of Jenkins on Hardened Ubuntu?

- **Security Hardening:** Enhanced measures ensure a fortified environment, protecting against threats.
- **CI/CD Integration:** Seamless integration for continuous integration and deployment.
- **Scalability:** Easily adaptable, supporting diverse team sizes and project scopes.
- **Resource Efficiency:** Optimized resource management for improved performance.
- **Open-source Flexibility:** Leverages community support and customizability.

## What benefits should users consider when evaluating Jenkins on Hardened Ubuntu?

- **Enhanced Security:** Incorporates strict security protocols to ensure data protection.
- **Improved Efficiency:** Streamlined processes lead to faster delivery times.
- **Cost-effective Scalability:** Growth supported without significant additional costs.
- **Community Support:** Access to a vast knowledge base from an active user community.

In industries like finance, banking, or healthcare, where security is paramount, Jenkins on Hardened Ubuntu is frequently implemented to maintain robust and automated software development environments. This platform's security-oriented approach caters to sectors where data protection and compliance are critical, supporting development operations while protecting sensitive information.

# Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “Jenkins on Hardened Ubuntu has extremely benefited our CI/CD pipelines; the whole of our build systems are completely running on Jenkins on Hardened Ubuntu and it is a day-to-day activity.”



**Kasiraja Thangapandian**

Software Engineering Manager at Visteon Corporation

- ✓ “I have definitely noticed a reduction in incidents and time saved since switching to Jenkins on Hardened Ubuntu, which saves at least between ten to twenty hours in configuration time, translating to potential savings of hundreds or even thousands of dollars.”



**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

- ✓ “The benefits of Jenkins on Hardened Ubuntu include its easy integration with every tool; it can be used as both an integration tool and a deployment tool, and with the help of scripts, we can easily configure Jenkins on Hardened Ubuntu in an effective way.”



**Akhilesh B N**

DevOps Delivery Engineer at Barclays Capital

- ✓ “Jenkins on Hardened Ubuntu is valuable for us from a continuous deployment perspective.”



**Ritesh Purbey**

Senior Analyst at ESRI INDIA

- ✓ “Regarding Jenkins on Hardened Ubuntu's AI capabilities, I find its governance and security to be quite secure.”



**Ria Gupta**

Linux Engineer 2 at Applied Medical

- ✓ “Jenkins on Hardened Ubuntu has positively impacted my organization because it works fast and has helped us improve our CI/CD pipelines.”



**Nimit Dagli**

Research Assistant at a university with 1,001-5,000 employees

- ✓ “Jenkins on Hardened Ubuntu has positively impacted my organization by showing a lot of improvement; it reduces our time and increases our development process, and it helps a lot everywhere.”



**Verified user**

Senior Software Engineer at a consultancy with 10,001+ employees

## What users had to say about valuable features:

Jenkins on Hardened Ubuntu has extremely benefited our CI/CD pipelines. The whole of our build systems are completely running on Jenkins on Hardened Ubuntu and it is a day-to-day activity. Almost 300 to 400 integrators are using Jenkins on Hardened Ubuntu. It is basically to orchestrate our workflow and it is easy for us to take the build and release to the customer. It is extremely useful.

The metrics that I am using to measure the security effectiveness of Jenkins on Hardened Ubuntu are the DORA metrics. There is a standardized DORA metrics. I am already using DORA metrics which is exclusively for those things and there are four to five metrics that can be used to measure those things. .”

**Kasiraja Thangapandian**

Software Engineering Manager at Visteon Corporation

[Read full review](#) 

---

“The best features Jenkins on Hardened Ubuntu offers include pipelines.

“What stands out to me about the pipelines feature is that there are multiple pipelines, and the flexibility is great. It is easy to use; we have timelines, we can see the logs, and everything functions well.

“Jenkins on Hardened Ubuntu has positively impacted my organization because it works fast and has helped us improve our CI/CD pipelines..”

**Nirmit Dagli**

Research Assistant at a university with 1,001-5,000 employees

[Read full review](#) 

“One of the best features Jenkins on Hardened Ubuntu offers is for deploying; we can independently deploy any microservices by just creating a pipeline using a few steps only, and that is one of the main features of Jenkins, allowing us to avoid any manual setup or other tasks, as we can also write some scripts for automation deployment.

When I mention writing scripts for automated deployment in Jenkins on Hardened Ubuntu, the kind of scripts that have been most useful for me include some TypeScript, as well as some script files for using Jenkins scripts written specifically for deployment, so during the deployment, there are certain steps that go through that script and it will deploy.

Jenkins on Hardened Ubuntu has positively impacted my organization by showing a lot of improvement; it reduces our time and increases our development process, and it helps a lot everywhere. The difference Jenkins on Hardened Ubuntu makes is significant, as the deployment process has gone from hours to minutes..”

**Verified user**

[Read full review](#) 

Senior Software Engineer at a consultancy with 10,001+ employees

---

“One of the best features Jenkins on Hardened Ubuntu offers is that it saves time because rather than trying to have a vanilla OS, such as Ubuntu on an EC2 instance, and then trying to secure it yourself, Jenkins on Hardened Ubuntu is already secured with a ton of insecure features disabled on the VM, which saves us time and is quite cost-effective.

The IAM integration has helped my team because it is quicker to set up and more secure since using AWS IAM roles is natively secure, where long-term credentials can be insecure, but by using already configured IAM roles, it is much more secure.

Jenkins on Hardened Ubuntu has positively impacted my organization because it is more secure to use rather than us trying to use a vanilla OS, lowering the attack surface of common OS-related vulnerabilities..”

**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

[Read full review](#) 

“Jenkins on Hardened Ubuntu is valuable for us from a continuous deployment perspective. We have created a job that allows end-users to start and stop AWS or Azure machines without requiring access to the portal. We give Jenkins access to them, and they can manage their tasks as needed.

“We have some jobs to copy files and perform other automated actions on Jenkins. Users can build the job, and their tasks are completed.

“Jenkins on Hardened Ubuntu provides privileges to a few users, such as the infrastructure team, who have administrator roles, while others have access only to particular jobs with the appropriate ACL privileges.

“We have integrated Jenkins on Hardened Ubuntu with our Active Directory to measure security effectiveness..”

**RiteshPurbey**

Senior Analyst at ESRI INDIA

[Read full review](#) 

“The best features Jenkins on Hardened Ubuntu offers are primarily centered around the security aspect of it, including a security baseline, the ability to set it up as a reverse proxy, and ensuring that it does not allow access to the internet or any other unwanted networks in the company.

“The security baseline and reverse proxy setup of Jenkins on Hardened Ubuntu has helped my team by offering a reduced attack surface, meaning we can remove or disable any unnecessary packages. The agents are exposed only to the environments they need access to. Jenkins on Hardened Ubuntu node is built in the same hardened image. Troubleshooting is easier thanks to a more predictable OS behavior compared to a Jenkins server running on a regular server with access by different teams, and we have a better compliance posture.

“Jenkins on Hardened Ubuntu really helped me out in a specific deployment scenario by having a lot of different plugins and being a tool that has been around for a very long time. For continuous integration pipelines, it can be used in a number of different ways, whether it is deploying Kubernetes containers or deploying C# code in Azure Functions, as it can handle pretty much anything thanks to the number of extensions and the community around it..”

**Verified user**

[Read full review](#) 

Senior Manager - Platform Lead at a tech vendor with 10,001+ employees

# Other Solutions Considered

“The only other option I evaluated before choosing Jenkins on Hardened Ubuntu was just using a base Ubuntu OS rather than a secured version from the Amazon Marketplace..”

**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

[Read full review](#) 

# ROI

Real user quotes about their ROI:

“I have definitely noticed a reduction in incidents and time saved since switching to Jenkins on Hardened Ubuntu, which saves at least between ten to twenty hours in configuration time, translating to potential savings of hundreds or even thousands of dollars.

From a time saved perspective, this solution saves at least between ten to twenty hours, but likely more, and it could prevent potential losses of tens or hundreds of thousands if it stops a security incident..”

**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

[Read full review](#) 

# Use Case

“My main use case for Jenkins on Hardened Ubuntu is building pipelines for CI/CD and making sure that it has the proper security where the product that we deploy demands it..”

**Verified user**

Senior Manager - Platform Lead at a tech vendor with 10,001+ employees

[Read full review](#) 

---

“We use Jenkins on Hardened Ubuntu within the company and do not recommend it to customers. I am currently using Jenkins on Hardened Ubuntu mainly to avoid giving users access over the cloud portal..”

**RiteshPurbey**

Senior Analyst at ESRI INDIA

[Read full review](#) 

“My main use case for Jenkins on Hardened Ubuntu is to run CI/CD pipelines.

“A quick specific example of how I use Jenkins on Hardened Ubuntu for my CI/CD pipelines includes having Jenkins pods installed on Hardened Ubuntu, and when we run our deployment, it runs through Jenkins with test cases to deploy on Ubuntu..”

**Nirmit Dagi**

Research Assistant at a university with 1,001-5,000 employees

[Read full review](#) 

---

“My main use case for Jenkins on Hardened Ubuntu is for the deployment of my microservices, creating the pipeline when creating the new services, and we can deploy easily for microservices in any environment.

A specific example of a pipeline I've set up in Jenkins on Hardened Ubuntu is when I need to go on the setting there and add our GitHub repository URL so that it can fetch that particular branch or that particular code, and then I can write that configuration file in our microservices, such as what the steps need to be there, including some code coverage checking, Sonar check, and some security checks, which we can do on our microservice configuration level, enabling it and deploying it by creating the new pipeline on Jenkins..”

**Verified user**

Senior Software Engineer at a consultancy with 10,001+ employees

[Read full review](#) 

“My main use case for Jenkins on Hardened Ubuntu is using a secure CICD pipeline on an Amazon Machine Image, which is already secure, so that deploying code is as secure as it can be rather than running it on my own VM and worrying about the security.

In my use case for Jenkins on Hardened Ubuntu, I write code within Visual Studio Code, push it to our code repository, and then Jenkins on Hardened Ubuntu has a webhook which allows it to link to that repository, enabling it to fetch the code and deploy it by running the CICD pipeline, making Jenkins on Hardened Ubuntu the CICD server in a secure way on Hardened Ubuntu AWS hosted.

There is nothing unique about my workflow or how it integrates with other tools..”

**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

[Read full review](#) 

I am still working with Black Duck. I am working with both Jenkins on Hardened Ubuntu and Coverity. I have Jenkins on Hardened Ubuntu on Ubuntu and Windows. I am utilizing almost 200 Jenkins on Hardened Ubuntu plugins on hardened Ubuntu.

Jenkins on Hardened Ubuntu is used for automated testing as well as manual testing, and in automated testing, I am able to organize and streamline the process. Once I build or once the requirement is there, the build pipelines are triggered to get the output and ensure the testing is in progress. It is extremely useful.

“There is a role-based access system in Jenkins on Hardened Ubuntu on hardened Ubuntu and I am able to configure it for each user. For a developer, for integrator, for viewer, for reporters, there is a complete role-based access system. I call it RBAC. I have introduced these things and completely integrated with LDAP and it is highly secure.

“Real-time feedback is impacting my team's productivity positively. There are a lot of version upgrades. I am at the latest version too, and I have not seen any crash or any problem with the current environment. It is good. I am able to proceed and upgrade. I am almost having 15 to 18 Jenkins on Hardened Ubuntu instances. Globally, I am using it across India and outside India too. .”

**Kasiraja Thangapandian**

Software Engineering Manager at Visteon Corporation

[Read full review](#) 

# 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.

“I chose nine out of ten because it is very good for what it aims to do; it could be a little bit cheaper, but that is a minor thing, and I think it is reasonably priced..”

**Verified user**

[Read full review](#) 

Cloud Ops Lead at a tech vendor with 10,001+ employees

# Customer Service and Support

“The customer support is part of AWS and Amazon support in general, which is always very good, with different tiers available offering quick response times and dedicated account managers for the highest tier..”

**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

[Read full review](#) 

# Other Advice

“My advice to others looking into using Jenkins on Hardened Ubuntu is that if you really have to use it, it is a good option to give it a try. I would rate this product a 7..”

**Verified user**

Senior Manager - Platform Lead at a tech vendor with 10,001+ employees

[Read full review](#) 

---

I am satisfied with Jenkins on Hardened Ubuntu and I am an expert with it. I am working with Jenkins on Hardened Ubuntu simultaneously on different operating systems, not only on Ubuntu but also Windows, and I find Ubuntu to be more convenient. Ubuntu is very straightforward to set up with just a few commands, which is why it is very easy. My review rating for Jenkins on Hardened Ubuntu is 8.5 out of 10.

**Kasiraja Thangapandian**

Software Engineering Manager at Visteon Corporation

[Read full review](#) 

“Jenkins on Hardened Ubuntu is a very good feature, supplying us with a continuous integration and continuous deployment process, allowing us to easily deploy frequent changes and test our features, so it is very helpful for us. There is nothing else about Jenkins on Hardened Ubuntu's features that I think is worth mentioning..”

**Verified user**

Senior Software Engineer at a consultancy with 10,001+ employees

[Read full review](#) 

---

“If you are looking to self-host [Jenkins](#) on a VM, Jenkins on Hardened Ubuntu is a very secure way to do it, but many organizations now opt for cloud-managed CICD pipelines, so it is not appropriate for everyone.

There is no other business relationship with this vendor other than being a customer.

I gave this product a rating of nine out of ten..”

**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

[Read full review](#) 

“I do not want to add anything about the features regarding integration or security.

“Regarding Jenkins on Hardened Ubuntu's AI capabilities, I do not know about its governance and security.

“Regarding Jenkins on Hardened Ubuntu's AI capabilities, I do not know about its accuracy and reliability of output.

“I give this product a rating of 10..”

**Nirmit Dagi**

Research Assistant at a university with 1,001-5,000 employees

[Read full review](#) 

---

“We have Jenkins plugins and other things for Jenkins on Hardened Ubuntu. There are many security-related plugins that need to be maintained, so some additional features could enhance Jenkins on Hardened Ubuntu's usability.

“Jenkins on Hardened Ubuntu is easy to use. Since it is open source, it was highly recommended a decade ago and many organizations used it, but times have changed, and now everyone is shifting to other tools.

“We are upgrading Jenkins on Hardened Ubuntu regularly. When a patch update comes, we apply it simultaneously with any available Jenkins updates, which helps us plan accordingly.

“I rated this product eight out of ten..”

**RiteshPurbey**

Senior Analyst at ESRI INDIA

[Read full review](#) 

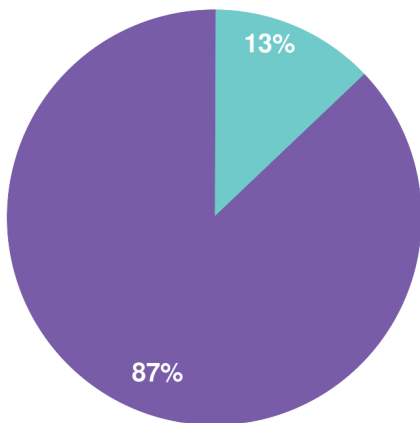
# Top Industries

by visitors reading reviews

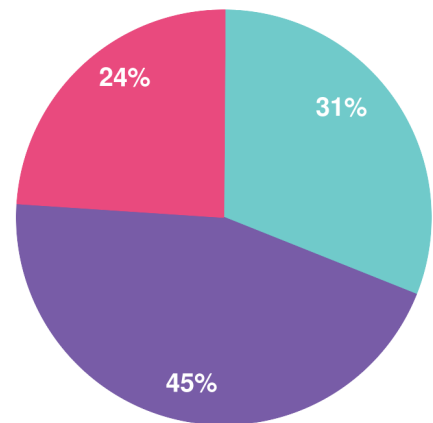


# Company Size

by reviewers



by visitors reading reviews



Large Enterprise      Midsized Enterprise      Small Business

# About this buyer's guide

Thanks for downloading this PeerSpot report.

The summaries, overviews and recaps in this report are all based on real user feedback and reviews collected by PeerSpot's team. Every reviewer on PeerSpot has been authenticated with our triple authentication process. This is done to ensure that every review provided is an unbiased review from a real user.

## Get a custom version of this report... Personalized for you!

Please note that this is a generic report based on reviews and opinions from the collective PeerSpot community. We offer a [customized report](#) of solutions recommended for you based on:

- Your industry
- Company size
- Which solutions you're already considering

The customized report will include recommendations for you based on what other people like you are using and researching.

Answer a few questions in our short wizard to get your customized report.

[Get your personalized report here](#)

# About PeerSpot

PeerSpot is the leading review site for cloud, AI, and business software. We created PeerSpot to provide a trusted platform to share information about software, applications, and services. Since 2012, over 22 million people have used PeerSpot to choose the right software for their business.

PeerSpot helps tech professionals by providing:

- A list of products recommended by real users
- In-depth reviews, including pros and cons
- Specific information to help you choose the best vendor for your needs

Use PeerSpot to:

- Read and post reviews of products
- Access over 30,000 buyer's guides and comparison reports
- Request or share information about functionality, quality, and pricing

Join PeerSpot to connect with peers to help you:

- Get immediate answers to questions
- Validate vendor claims
- Exchange tips for getting the best deals with vendor

Visit PeerSpot: [www.peerspot.com](http://www.peerspot.com)

## PeerSpot

244 5th Avenue, Suite R-230 • New York, NY 10001

[reports@peerspot.com](mailto:reports@peerspot.com)

+1 646.328.1944