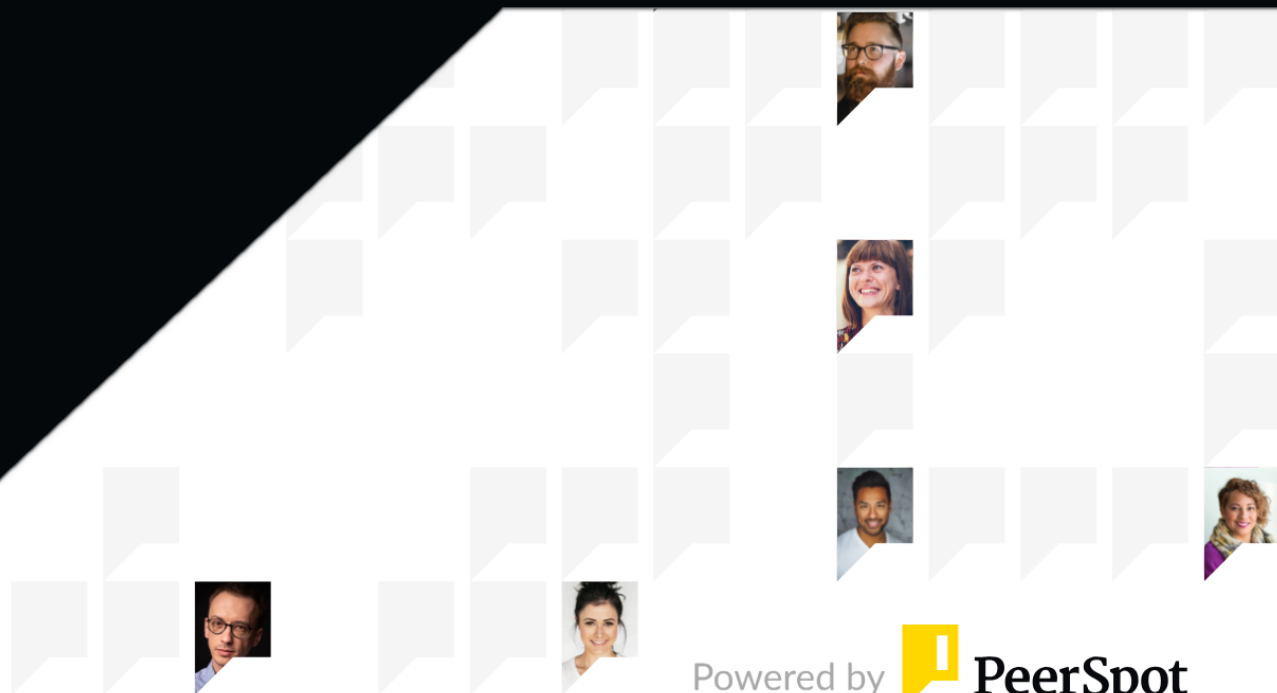




Selenium Grid in the Cloud

Reviews, tips, and advice from real users



Powered by  **PeerSpot**

Contents

Product Recap..... 3 - 4

Valuable Features..... 5 - 13

Other Solutions Considered..... 14 - 16

ROI..... 17 - 19

Use Case..... 20 - 23

Setup..... 24 - 25

Customer Service and Support..... 26 - 27

Other Advice..... 28 - 30

Trends..... 31 - 32

About PeerSpot..... 33 - 34

Product Recap



Selenium Grid in the Cloud

Selenium Grid in the Cloud Recap

Selenium Grid in the Cloud enables efficient parallel testing by distributing tests across multiple environments, enhancing performance and scalability for complex test suites.

This advanced framework significantly accelerates testing processes by leveraging cloud-based resources to handle concurrent test executions. It seamlessly integrates with CI/CD pipelines, ensuring continuous delivery and faster time-to-market for applications. As a versatile tool, it supports numerous programming languages and browsers, making it a valuable asset for quality assurance teams.

What are the key features of Selenium Grid in the Cloud?

- **Scalability:** Effortlessly scales to accommodate a growing number of tests.
- **Parallel Execution:** Allows tests to run simultaneously, saving time.
- **Cross-Browser Testing:** Supports a variety of browsers for comprehensive coverage.

What benefits can users expect from Selenium Grid in the Cloud?

- **Reduced Testing Time:** Faster test cycles lead to quicker deployments.
- **Cost Efficiency:** Optimizes resources, lowering overhead costs.
- **Enhanced Reliability:** Consistent test results improve software quality.

In e-commerce, Selenium Grid in the Cloud is critical for ensuring website functionality across different browsers and devices. In the finance sector, it aids in maintaining robust security features by offering thorough testing capabilities. Healthcare applications benefit from its ability to manage complex testing environments critical to compliance with industry standards.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “Selenium Grid in the Cloud has positively impacted my organization by significantly reducing execution time; previously it was taking around 30 to 35 hours, but now it is reduced to two to three hours, which allows more time for decision-making.”



Verified user

Senior QA Engineer at a tech vendor with 10,001+ employees

- ✓ “Selenium Grid in the Cloud has positively impacted my organization by improving testing efficiency, accelerating release cycles, and reducing infrastructure management overhead.”



Vyas Shubham

Senior Quality Analyst at a consultancy with 51-200 employees

- ✓ “Selenium Grid in the Cloud has positively impacted my organization by decreasing the time to test and deliver in production, significantly improving our DORA metrics.”



Verified user

Lead SRE at a retailer with 5,001-10,000 employees

- ✓ “Selenium Grid in the Cloud has positively impacted my organization by being more cost-friendly and providing better scaling and speed of execution than the legacy way of running things.”



Ashwin Arun

Senior Consultant Specialist at a financial services firm with 10,001+ employees

- ✓ “After implementing Docker and Selenium Grid, I have seen a drastic reduction in execution time, which has helped improve productivity.”



Kiran Marripati

QA Lead at AI Crew Solutions

- ✓ “We saved about an entire team's worth of salaries with Selenium Grid in the Cloud, which came to about 100k per year.”



Verified user

Staff Software Engineer at a tech vendor with 10,001+ employees

- ✓ “The best features that Selenium Grid in the Cloud offers are scalability and parallel execution, the user interface is very simple, Selenium Grid in the Cloud has positively impacted my organization by enabling fast test cycles, and the setup was very smooth, so we have obviously saved both people and money with Selenium Grid in the Cloud.”



Vikki Ramanath

Works at a tech vendor with 10,001+ employees

What users had to say about valuable features:

“The best features Selenium Grid in the Cloud offers are scalability and running tests in parallel.

The Docker-based approach allows me to spin up a specific Chrome version easily to run those tests, making it an adaptable solution for whatever versions of the browser I want.

Selenium Grid in the Cloud has positively impacted my organization by being more cost-friendly and providing better scaling and speed of execution than the legacy way of running things..”

Ashwin Arun

Sernior Consultant Specialist at a financial services firm with 10,001+ employees

[Read full review](#) 

“The best features Selenium Grid in the Cloud offers include access to different Selenium versions, various browser versions, and the ability to run parallel tests. These are important parts.

These features help my team significantly because we are able to run tests faster and cover more cases. When we run different browsers, we can cover more cases, and running parallel tests allows us to execute tests faster.

One important aspect of the features is that when we face any issues, we can open the video records and logs. This is the main use case for me.

Selenium Grid in the Cloud has had a positive impact on my organization as we are able to run in an isolated area. It helps us because we are not running locally; we are running on Selenium Grid in the Cloud, which allows us to obtain healthier results and find common usage examples when we want to implement anything..”

Verified user

[Read full review](#) 

SDET at a tech services company with 11-50 employees

“The best features Selenium Grid in the Cloud offers for my team include containerization, which isolates the run of one team from the other. The maintenance of the instances is pretty easier, so that the team doesn't have to focus more on the infrastructure point of view. Additionally, we ensure that we use resources only on the need-to-go basis, so we are not overusing any resources. When there is no automation run happening, there are no active instances running. This way, we control the cost as well.

Selenium Grid in the Cloud has positively impacted my organization, Telstra, because we provide more importance to security. All the environments in which our automation runs happen are thoroughly scanned by the internal audit team. Using a cloud service like AWS, where we have a proper security mechanism in place, has helped a lot. In terms of productivity, we feel creating images and other tasks on the go has improved the productivity of the run. Cost-wise, most of the resources are used only on our need basis, which has reduced the cost of our QA budget..”

Karthick_Kumar

Test Automation Engineer at a educational organization with 51-200 employees

[Read full review](#) 

“The best features Selenium Grid in the Cloud offers include the capability to run test cases in parallel, and we implement customizations for identifying flaky tests or tests that are not running fine. Whenever test cases fail, we receive full logs and screenshots, which help us significantly. Selenium Grid in the Cloud assists us in parallel execution and enables us to distribute the workload effectively; if the workload is light, we can free up machines, and if it's heavy, it scales up automatically with multiple machines. It also allows us to test our applications across various versions of the same browser and on different browsers, as well as test mobile websites to see performance across different platforms, features that are definitely helpful for us.

We manage the tests on Selenium Grid in the Cloud based on the rankings, so we do ranks and decide when we are going to run based on which intervals. For some applications, we maintain an Excel sheet in which we do the ranking and the intervals, while in other cases we have config map files that categorize particular test cases based on their priority. We write the priority using annotations as well, which is how we manage everything on Selenium Grid in the Cloud..”

Verified user

[Read full review](#) 

Lead SRE at a retailer with 5,001-10,000 employees

“The best features Selenium Grid in the Cloud offers include being able to test the application from a user perspective. Testing from a user perspective stands out as a feature for me, and I find parallel execution and cross-browser support to be basic—not having those is a deal-breaker for me.

Selenium Grid in the Cloud by itself does not provide any reporting. Mostly it's the frameworks that do that for me. WebdriverIO was the one that we were using, and it allowed us to do reporting while keeping parallel execution and cross-browser support. It also allowed us to scale pretty effectively and gave us debuggability so that we could keep our tests stable.

Selenium Grid in the Cloud definitely saved a lot of time for my organization. We do not have a specific QA team that tested each and every release, so we followed test-driven development. We ensured that tests were written alongside development, and they helped guide our product lifecycle. It definitely reduced costs a lot. Additionally, being able to get the reliability of running the entire test suite at a whim and with each and every release gave us a lot of confidence in each and every release..”

Verified user

Staff Software Engineer at a tech vendor with 10,001+ employees

[Read full review](#) 

“I use the platform's built-in features such as session recording, screenshots, logs, and debugging tools whenever my tests fail, making it easier for both my QA team and the development team to analyze failures and quickly identify browser-specific issues. The cloud setup also scales well during major releases when I need to execute larger automation suites or temporarily increase the parallel run.

“I personally appreciate several features of Selenium Grid in the Cloud, especially the parallel test execution feature, which is one of the biggest advantages in the ability to run multiple test cases simultaneously across different machines and browsers. Instead of executing tests sequentially on a local machine, it helps me identify the root cause of issues. I also appreciate the cross-browser and cross-platform testing feature because cloud platforms provide access to thousands of browser and operating system combinations without the need for maintaining physical infrastructure internally, allowing my team to validate applications on environments from a single setup.

“Additionally, I value the real device testing feature because modern cloud Selenium providers offer testing on real mobile devices and desktop environments instead of relying only on emulators and simulators. Furthermore, I value the detailed debugging and reporting tools in Selenium Grid in the Cloud, as most platforms provide session recording, screenshots, Selenium command logs, browser console logs, network logs, and failure analytics, making it easier to identify flaky tests and browser-specific failures or front-end issues.

“Out of the features I mentioned, the one that has made the biggest impact on my workflow is definitely parallel test execution in Selenium Grid in the Cloud environment. Before moving to cloud-based setups, my regression suite used to run sequentially on limited local machines, which made the testing cycle very time-consuming, especially before releases, to the point where a full regression would take several hours, slowing down feedback from both my QA and development teams. Now with parallel execution, I can distribute tests across multiple browsers and operating systems simultaneously. For example, the same automation suite can run at the same time on Chrome, Firefox, Edge, and Safari across Windows and Mac OS environments, significantly reducing execution time and improving release efficiency because I receive test results much faster and can

identify issues earlier in the deployment cycle.

“Another major benefit is how well this fits into my CI/CD workflow, as faster automated tests mean developers receive quicker feedback on failed builds or browser-specific issues, which helps reduce bottlenecks during sprint releases and hotfix deployments. Plus, the scalability of this feature allows me to temporarily increase the number of parallel sessions during critical releases without provisioning additional hardware or maintaining extra Selenium nodes internally, making automation significantly more reliable and easier to manage compared to an on-premises setup.

“Selenium Grid in the Cloud has positively impacted my organization by improving testing efficiency, accelerating release cycles, and reducing infrastructure management overhead. Before adopting a cloud-based setup, I spent significant effort maintaining local system nodes, browser versions, virtual machines, and execution environments, which often consumed valuable QA and DevOps time and occasionally caused instability in the automation runs. After moving to a cloud-based Selenium Grid in the Cloud platform, the overall automation process became much more scalable and reliable, with one of the biggest organizational benefits being the reduction in regression testing time through parallel execution, as a large automation suite that previously took several hours can now complete much faster, allowing my QA team to provide quicker feedback to developers and support faster sprint deliveries and production releases..”

Vyas Shubham

Senior Quality Analyst at a consultancy with 51-200 employees

[Read full review](#) 

Other Solutions Considered

“I looked at Puppeteer for a while before choosing Selenium Grid in the Cloud, but the cross-browser support wasn't there. Selenium provided me the familiarity because I had worked with it before, so it was an obvious choice..”

Verified user

Staff Software Engineer at a tech vendor with 10,001+ employees

[Read full review](#) 

“I previously used robotic process automation to automate my test cases, but since it is a non-coding environment and I have always been interested in coding from the start of my career, I switched to Selenium Grid in the Cloud so I could code and test my features and the platform..”

Vyas Shubham

Senior Quality Analyst at a consultancy with 51-200 employees

[Read full review](#) 

“I have dabbled in QTP before choosing Selenium Grid in the Cloud, but being a VB Script based and very old framework, it did not make sense to continue with it. Selenium was the perfect framework for our use since our application was web-based..”

Verified user

[Read full review](#) 

Staff Software Engineer at a tech vendor with 10,001+ employees

“We did not use a specific solution prior to adopting Selenium Grid in the Cloud; however, we tried various paid tools such as BrowserStack, which performed well but was not cost-effective or suitable for running high-scale tests. Thus, we shifted to the open-source option and configured everything ourselves..”

Verified user

[Read full review](#) 

Lead SRE at a retailer with 5,001-10,000 employees

“Before choosing Selenium Grid in the Cloud, I evaluated several options in the market, first considering maintaining a fully hosted Selenium Grid infrastructure internally. While this approach offered direct control over the environment and potential lower recurring subscription costs, I evaluated multiple cloud-based testing platforms such as BrowserStack, Sauce Labs, and LambdaTest..”

Vyas Shubham

Senior Quality Analyst at a consultancy with 51-200 employees

[Read full review](#) 

“Before choosing Selenium Grid in the Cloud, we evaluated several other options, including paid tools like BrowserStack, Sauce Labs, and Perfecto, but found them lacking for our needs. We also checked self-hosted options such as Selenide and Moon before deciding to set up Selenium Grid in the Cloud on our public cloud..”

Verified user

Lead SRE at a retailer with 5,001-10,000 employees

[Read full review](#) 

ROI

Real user quotes about their ROI:

“My advice for others looking into using Selenium Grid in the Cloud is that it is a fantastic solution, especially if they already have a cloud setup with the vendor..”

Vikki Ramanath

Works at a tech vendor with 10,001+ employees

[Read full review](#) 

“I can definitely comment on time saved; earlier, tests took close to three to four hours when run sequentially, but now it is drastically cut down by more than fifty percent, making it about two hours for end-to-end tests..”

Ashwin Arun

Senior Consultant Specialist at a financial services firm with 10,001+ employees

[Read full review](#) 

“I have seen a return on investment because it helps us save time. If we don't use the cloud, we need to set up Selenium Grid and other things ourselves, but in the cloud, everything is ready for us, which allows us to save our time..”

Verified user

SDET at a tech services company with 11-50 employees

[Read full review](#) 

“I have seen a return on investment, as at least 20% of work has been reduced effectively after going for Selenium Grid in the Cloud, which reduces the man-hours required to maintain and manage tasks. This increase in efficiency allows our team to focus on other aspects of automation, including effectively optimizing the CI/CD pipelines..”

Karthick_Kumar

Test Automation Engineer at a educational organization with 51-200 employees

[Read full review](#) 

“We saved about an entire team's worth of salaries with Selenium Grid in the Cloud, which came to about 100k per year. The release confidence is difficult to quantify, but the time saved was significant with each release. I would say at least three to four days were saved per release, and we were doing a release every week, if not every two or three days.

Having not had to hire an entire QA team to test each and every release with Selenium Grid in the Cloud definitely saved us about 100k per year in USD. Additionally, we saved a lot on release timelines. For each release, we saved up to two to three days of manual testing effort at the very least. While it is difficult to quantify that in money terms, this was definitely a huge return on investment..”

Verified user

Staff Software Engineer at a tech vendor with 10,001+ employees

[Read full review](#) 

“I can provide some rough estimated metrics related to ROI. The most measurable ROI comes from the reduction in regression execution time, as before moving to cloud-based parallel execution, my regression cycle typically took around five to six hours on limited local infrastructure, but after implementing Selenium Grid in the Cloud with parallel execution, I reduced the execution time to approximately one to two hours, translating to a sixty to seventy percent reduction in regression testing time. Additionally, I experience better utilization of QA and DevOps resources, so overall, Selenium Grid in the Cloud introduces subscription costs and operational savings, execution efficiency, scalability, and reductions in infrastructure management efforts, delivering a strong long-term ROI for my organization..”

Vyas Shubham

Senior Quality Analyst at a consultancy with 51-200 employees

[Read full review](#) 

Use Case

“Our main use case for Selenium Grid in the Cloud is running the automation test cases which we have, as running that locally is not a possibility because there are too many, and we want to run them in parallel in a reliable way, making it a must for us to utilize Selenium Grid in the Cloud..”

Verified user

[Read full review](#) 

Lead SRE at a retailer with 5,001-10,000 employees

“My main use case for Selenium Grid in the Cloud is testing the applications that I'm developing in an integrated, user-facing sort of environment. I had set up Selenium Grid in the Cloud on which we were running our application, and we had automated some tests using a common framework. It was Node.js based and we used Selenium Grid in the Cloud to test that across various browsers and various versions of these browsers so that we could ensure compatibility for our end users and also ensure that our app worked as intended..”

Verified user

[Read full review](#) 

Staff Software Engineer at a tech vendor with 10,001+ employees

“My main use case for Selenium Grid in the Cloud is to run tests in a way that is not dependent on any particular platform.

This approach has worked well, with the main benefit being that I can run tests in parallel. Since I have containerized the test with Java as the entry point, the image size is kept as small as possible for low-cost shipping to remote machines.

The entire CI/CD pipeline is configured in Jenkins, leveraging EC2 instances to run our tests..”

Ashwin Arun

[Read full review](#) 

Sernior Consultant Specialist at a financial services firm with 10,001+ employees

“Parallel testing is my main use case for Selenium Grid in the Cloud, which I use extensively. I have approximately 5,000 test cases, and I need to reduce execution time by running tests on different machines to enable parallel execution and decrease the overall time required.

I use Selenium Grid in the Cloud through BrowserStack, where I have access to real devices to execute those test cases and reduce time. The recordings and logs provided have been helpful for debugging issues..”

Kiran Marripati

[Read full review](#) 

QA Lead at AI Crew Solutions

“My main use case for Selenium Grid in the Cloud involves integrating Selenium and Appium tests together. We are integrating them in the same case, running parallel tests, and we are using the BrowserStack platform, which allows us to run in parallel and also access the video records of them.

A specific example of how I use Selenium Grid in the Cloud for one of my projects is when we run our Appium and Selenium tests on LambdaTest while using a video meeting platform in Astrak. For example, we start a video meeting web-to-web, using Selenium on both sides, but if it is web-to-app, we use Selenium with Appium. This setup ensures the video reaches both sides, and the voice can be transmitted, allowing users to chat and control their cameras and audio.

Generally, we can get the video records of the tests, obtain the logs, run parallel tests, and utilize different capabilities, such as starting browsers and accepting permissions like camera and microphone..”

Verified user

[Read full review](#) 

SDET at a tech services company with 11-50 employees

“My main use case for using Selenium Grid in the Cloud is cross-browser and parallel test execution to reduce the regression testing time and improve the browser compatibility coverage. I use it primarily for automating regression testing across multiple browsers and operating systems as part of my CI/CD pipeline.

“During regression testing, I trigger my automated Selenium test suite through Jenkins, which connects to a cloud-based Selenium Grid in the Cloud platform and the test runs in parallel on multiple browsers and OS combinations such as Chrome on Windows, Firefox on Linux, and Safari on Mac OS. This helps me quickly identify browser-specific issues and significantly reduces execution time before releases. In my workflow, I mainly use Selenium Grid in the Cloud for large-scale regression testing whenever a new build is deployed to the QA or staging environment, and my CI/CD pipeline automatically triggers this automation through Jenkins, distributing the tests across multiple cloud-hosted browser environments in parallel.

“A recent example I can share is that I use the same test suite simultaneously on Chrome, Firefox, Edge, and Safari across different operating systems such as Windows and Mac OS. In some cases, I also execute the tests on real mobile devices to validate responsive behavior and critical user flows, which helps verify that the application behaves consistently for users regardless of their browser or platform..”

Vyas Shubham

Senior Quality Analyst at a consultancy with 51-200 employees

[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.

“Before choosing Selenium Grid in the Cloud, we ran tests locally to prove that the Dockerized-based approach worked as intended before extending to AWS..”

Ashwin Arun

[Read full review](#) 

Senior Consultant Specialist at a financial services firm with 10,001+ employees

“Before choosing Selenium Grid in the Cloud, I evaluated many options available such as Sauce Labs, which are quite expensive and licensed. Selenium Grid in the Cloud is quite easy to set up..”

Vikki Ramanath

[Read full review](#) 

Works at a tech vendor with 10,001+ employees

“Regarding pricing, setup cost, and licensing for Selenium Grid in the Cloud, the initial setup cost is relatively low compared to building and maintaining an internal Selenium Grid infrastructure since cloud providers manage the browser nodes, virtual machines, device labs, scaling, and maintenance. This avoids the upfront investment required for physical hardware and significantly reduces the operational complexity for the QA and DevOps teams..”

Vyas Shubham

Senior Quality Analyst at a consultancy with 51-200 employees

[Read full review](#) 

Customer Service and Support

“The customer support for Selenium Grid in the Cloud is very knowledgeable and they are always happy to help. Sometimes their responses are delayed, but that is acceptable due to regional timing differences, so I am satisfied with the customer support..”

Vyas Shubham

Senior Quality Analyst at a consultancy with 51-200 employees

[Read full review](#) 

“Customer support for Selenium Grid in the Cloud has been good. There is a dedicated team that communicates with the cloud provider and they have provided a satisfactory experience..”

Karthick_Kumar

Test Automation Engineer at a educational organization with 51-200 employees

[Read full review](#) 

“I haven't required customer support at this point. I talked with the BrowserStack team on the Appium side, but I didn't need any help on Selenium Grid in the Cloud side..”

Verified user

SDET at a tech services company with 11-50 employees

[Read full review](#) 

Other Advice

“I would advise others to consider Selenium Grid in the Cloud as a great solution since it allows for hosting and scaling as needed. I give this review an overall rating of nine..”

Ashwin Arun

Senior Consultant Specialist at a financial services firm with 10,001+ employees

[Read full review](#) 

“Overall, Selenium Grid in the Cloud can provide tremendous value when implemented thoughtfully, especially for teams aiming to scale automation, improve release speeds, and reduce infrastructure management overhead. I would rate this product an eight out of ten..”

Vyas Shubham

Senior Quality Analyst at a consultancy with 51-200 employees

[Read full review](#) 

“My advice to others looking into using Selenium Grid in the Cloud is that the logs and video records help us when some cases fail, and running in parallel allows us to save time and obtain results quicker. This is the most important part for me. I give this product a rating of 9..”

Verified user

SDET at a tech services company with 11-50 employees

[Read full review](#) 

“My advice for others considering Selenium Grid in the Cloud is that if you have a capable DevOps engineer to manage scalability issues and can operate the platform independently, the open-source solution is the way to go. However, if you prefer low-maintenance options, I recommend looking into paid solutions like BrowserStack that offer significant benefits and CI/CD integrations. I would rate this product a seven out of ten..”

Verified user

Lead SRE at a retailer with 5,001-10,000 employees

[Read full review](#) 

“I would advise others looking into using Selenium Grid in the Cloud to get someone who understands it at a grassroots level. You would be in good standing as long as you're testing a web-based application. It does have support for native apps as well, up to a certain extent, especially if you're also using something like React [Native](#) for testing across Android and iOS for cross-platform development. It could be great in that as well, but for web-based applications, I would say this is the best tool out there right now. I would rate this product seven out of ten overall..”

Verified user

Staff Software Engineer at a tech vendor with 10,001+ employees

[Read full review](#) 

“Selenium Grid in the Cloud is deployed in my organization as a private cloud with one server and one [Docker](#) instance using [AWS](#), where I execute all test cases.

After implementing [Docker](#) and Selenium Grid, I have seen a drastic reduction in execution time, which has helped improve productivity. My advice for others considering Selenium Grid in the Cloud is that they should pursue it, as it can reduce execution time significantly, improve productivity, and allow focus on critical issues. I rate this review a nine out of ten..”

Kiran Marripati

QA Lead at AI Crew Solutions

[Read full review](#) 

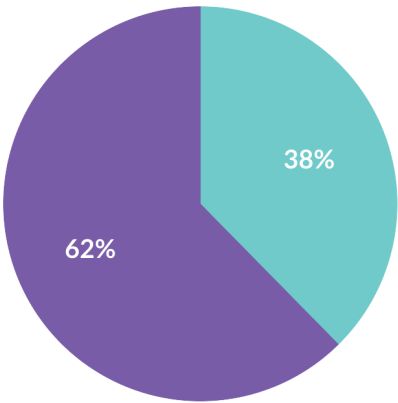
Top Industries

by visitors reading reviews

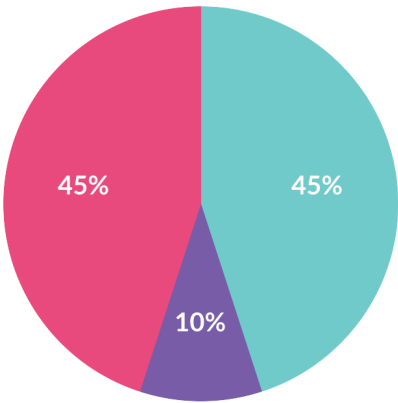


Company Size

by reviewers



by visitors reading reviews



Large Enterprise Midsize 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

PeerSpot

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

reports@peerspot.com

+1 646.328.1944