aws marketplace

Red Hat OpenShift Container Platform

Reviews, tips, and advice from real users

Contents

Product Recap

Red Hat OpenShift Container Platform

Red Hat OpenShift Container Platform Recap

Red Hat® OpenShift® offers a consistent hybrid cloud foundation for building and scaling containerized applications. Benefit from streamlined platform installation and upgrades from one of the enterprise Kubernetes leaders.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

✔ "I definitely recommend Red Hat OpenShift Container Platform to other organizations due to its high availability, security, ease of use, and all the built-in features it offers."

Nelandran Moodley
Solaris UNIX Systems Engineer at Standard Bank South Africa

✔ "For us, the fully automated upgrades are valuable. We have to maintain the clusters in production. For us, it is very important that it does not take too much time to manage all the clusters and do life cycle management and upgrades."

Martijn Straatman
Technical Lead for OpenShift Platform at ODC-Noord

✔ "If I summarize the main benefit of this solution for my customers, it is the management of both virtualized and containerized environments, where the containerization will be more focused in the future."

Rifat Rahman
Infrastructure Architect & CEO at Tirzok Private Limited

✔ "It automates rolling out new features, packaging the code, conducting security scans, and deploying to OpenShift."

Prasad Gupta
Software Engineer at IBM Software Labs

✔ "The most valuable features of OpenShift include its advanced security, integrated DNS system, built-in pipeline management with Tekton, enhanced networking routes, and dedicated platforms for DataOps and MLOps."

Mallepoola Sravan Kumar
DevOps Engineer I at a tech services company with 1,001-5,000 employees

✔ "The stack in the software supply chain is one of the main reasons that we use OpenShift. When I came to this company, we bought hardware from IBM named Bluemix, and they used ICP, which stands for IBM Cloud Private."

Vlado Velkovski
DevOps Architect at KIBS

✔ "It has been a good solution to deploy all containerized applications."

Anand-Awasthi
Cloud Solutions Architect at IBM

What users had to say about valuable features:

"The user experience and security are some of the key features. There are two key differentiators that you have certainly worked on from the customer's perspective.."

Anand-Awasthi
Cloud Solutions Architect at IBM

"The platform's most valuable features are its regulatory compliance and enterprise support. It does not offer significantly unique features compared to Kubernetes or Docker. The primary advantage is its extensive support and integration with Red Hat's solutions.."

MuhammadIbtehaj
Enterprise Solutions Architect at 0

"Especially the security side is nice. On the other hand, there is firm support in the background. This is helpful for me since I am also native to Bandit system. On OpenShift side, I can get support from Airflow. It is a good aspect. It is important for critical systems.."

Verified user
It Team Lead at a financial services firm with 1,001-5,000 employees

"One of the most valuable features of OpenShift is its efficient deployment process. It automates rolling out new features, packaging the code, conducting security scans, and deploying to OpenShift.

Additionally, the auto-scaling feature ensures resource optimization by provisioning new nodes when utilization thresholds are met. The support for parallel processing in big data applications and consistent region-wise replication for stability are also crucial.."

Prasad Gupta   Read full review ↗
Software Engineer at IBM Software Labs

"The features such as Red Hat operators, CI/CD, the monitoring stack, and the observability stack enhance our application scalability and management.

"Building source to image helps us significantly here as well.

"The cluster scaling features, such as the auto-scaling of cluster nodes and application replicas using horizontal and vertical pod auto-scaling, significantly impact our operations.."

Nelandran Moodley   Read full review ↗
Solaris UNIX Systems Engineer at Standard Bank South Africa

"In terms of features in Red Hat OpenShift Container Platform, I find the orchestration itself quite useful for my customers because it integrates with lots of tools. For the platform plus, the security layer and automation itself are quite amazing.

"Regarding how Red Hat OpenShift's policy-based governance helps to maintain application security at scale for my customers, that is also another education part we have to explain a bit. We face a struggle in explaining it to our customers as well, but the feature is quite good.."

Rifat Rahman
Infrastructure Architect & CEO at Tirzok Private Limited

Read full review ↗

Other Solutions Considered

"We chose Red Hat as our primary vendor because after working with previous vendors such as SUSE, we found Red Hat OpenShift Container Platform to be a more mature, secure, and overall better product for our needs.."

Nelandran Moodley   Read full review [↗]
Solaris UNIX Systems Engineer at Standard Bank South Africa

"I requested a document to compare EKS and ROSA because we found costs slightly increasing due to different licensing models, but for total cost of ownership and less complexity, we want to examine each product thoroughly before deciding if we'll save $1,000 a month by transitioning to EKS at the expense of hiring more engineers for maintenance.."

Nelandran Moodley   Read full review [↗]
Solaris UNIX Systems Engineer at Standard Bank South Africa

"I have evaluated a solution called EKS against Red Hat OpenShift Container Platform. EKS provides you with the basic features in Kubernetes, so you need to work to have a usable infrastructure for developers, along with a lot of configuration on top for security. The aforementioned areas are already managed in Red Hat OpenShift Container Platform. Red Hat OpenShift Container Platform has been a more secure product from the beginning that you could just put to use.."

Verified user   Read full review ↗
Referent at a educational organization with 1,001-5,000 employees

"We have experience with VMware solutions, as we are quite familiar with these infrastructure solutions.

"We are quite familiar with VMware Tanzu, VMware ESXi, vSphere, vCenter, and vCloud Foundation as well.."

Rifat Rahman   Read full review ↗
Infrastructure Architect & CEO at Tirzok Private Limited

"I have worked with Kubernetes and Azure services for container management. Over the last year, I've also used AWS EC2. Each has its pros and cons, but I've found OpenShift's built-in features to be highly efficient for my use cases.."

Prasad Gupta   Read full review [↗]
Software Engineer at IBM Software Labs

"I have experience with Kubernetes, Azure, and AWS EC2. Kubernetes and OpenShift are favored for their container management capabilities, while Azure and AWS offer frequent updates and broader feature sets.."

Prasad Gupta   Read full review [↗]
Software Engineer at IBM Software Labs

ROI

Real user quotes about their ROI:

"Running OpenShift on the cloud as opposed to on-premises significantly reduces costs. Cloud services provide bundled features and scaling capabilities that would be expensive if set up on bare metal.."

Prasad Gupta   Read full review ↗
Software Engineer at IBM Software Labs

"OpenShift's core-based licensing model provides significant benefits regarding enterprise support and scalability. Despite its high cost, it offers valuable features and support that justify the investment.."

MuhammadIbtehaj   Read full review ↗
Enterprise Solutions Architect at 0

"In terms of ROI, I can say that my company now has a centralized solution which offers security. I have experienced ROI if I consider how the product gets installed and the high availability offered right out of the box, allowing us to scale up and scale out.."

Verified user   Read full review ↗

Referent at a educational organization with 1,001-5,000 employees

"Regarding return on investment, my customers have not yet seen value in money while or since implementing the Container Platform. We can only comment on that one or two years later, as the customers just began to adopt it. We need to see at least one or two cycles before commenting on that.."

Rifat Rahman   Read full review ↗

Infrastructure Architect & CEO at Tirzok Private Limited

"The ROI is definitely much better because once it is set up and done, it is very easy to manage and have applications deployed. The user experience is very good. So once you have it in place, it's easy to do the day-to-day operations, and eventually, scalability and all those things become clear.."

Anand-Awasthi   Read full review ↗

Cloud Solutions Architect at IBM

"It is a bit hard if you are a cost-neutral organization. We are working for the government. We do not have profit goals. We always have to be able to justify why we made these costs and what the reasoning behind them was. It is a lot of money. I do not have the data, but we are using Red Hat because of the innovation and stable products. We also get good support, which is important. If we are using critical workloads and shared instances, we need to ensure that we have a good partner.

We have saved a lot of time. We just migrated from and stopped using Ansible for GitHub-related things. We are still using Ansible for OpenShift. It is mainly for the bootstrap and the cluster, but for the GitHub stuff, we are moving a lot faster with OpenShift. If you build an application through Ansible, you need to figure out OpenShift LightSpeed and other things all by yourself. You need to sometimes write all the playbooks and all kinds of complex code in Ansible. It takes hours or weeks to get that done, whereas now, the application runs in minutes. In my experience, about 80% of the application deployment using OpenShift and GitOps is very fast. The last 20% is hard if you want to make it production-ready. Being a government organization, we have all kinds of regulations and compliances. That makes it harder, but it is still much faster. Also, by using the container technology, you can try a lot more on your development laptop to speed things up.."

Martijn Straatman
Technical Lead for OpenShift Platform at ODC-Noord

Read full review ↗

Use Case

"Our primary use case for Red Hat OpenShift is to deploy applications. We utilize the platform to manage multiple pods and ensure seamless scaling of our nodes and servers to meet the demands of our high-availability applications.."

Eisa Shaheen   Read full review ↗
DevOps Engineer at DevOps Engineer

"Red Hat is acquired by IBM, there is still a separate entity, but we are more on the partner side.

I work with IBM, and most of our solutions are on the OpenShift platform. I work with our business partners to enable and help them with the technical pre-sales and setup role. So, I'm not involved in production engineering systems but rather in demos, first application implementations, and POCs.."

Anand-Awasthi   Read full review ↗
Cloud Solutions Architect at IBM

"Our primary use case for Red Hat OpenShift Container Platform is to enhance our Kubernetes management by leveraging the additional features and tools it provides. We use it to deploy applications, set up pipelines with Tekton, integrate secure networking, and facilitate AI and machine learning projects through MLOps.."

Mallepoola Sravan Kumar
DevOps Engineer I at a tech services company with 1,001-5,000 employees

Read full review ↗

"I mainly use Red Hat OpenShift Container Platform for big data processing applications that require a lot of memory. On-premises solutions are not efficient for this. OpenShift, with its ready-to-deploy environment using pods and the Apache Spark Operator, allows me to deploy, process, and insert data efficiently. I also use it in my DevOps workflows. Using Tekton as a plugin, we have customized tasks integrated with GitHub, which automates pipelines whenever commits happen to branches.."

Prasad Gupta
Software Engineer at IBM Software Labs

Read full review ↗

"In our country, our customer's main use cases for the Red Hat OpenShift Container Platform involve a journey that has begun to migrate the old legacy banking solutions towards the new containerized platform. Hence, in these cases, the Red Hat OpenShift Container Platform is a de facto standard, and there are a lot of requirements regarding that.

"Currently it is mainly used in banking, and in some telcos as well, but we are not exposed to telcos right now for the OpenShift. We are mainly focused on financial sectors.."

Rifat Rahman   Read full review ⬈
Infrastructure Architect & CEO at Tirzok Private Limited

"We run multiple applications on Red Hat OpenShift Container Platform.

"Currently, we host all our customer-facing applications on Red Hat OpenShift ROSA and a few on Azure ARO. We deploy them via pipelines using Bamboo, Jenkins, or whatever the specific development teams choose to use.

"Red Hat OpenShift Container Platform handles security and compliance within our deployments effectively, so I would rate it as nine; it's quite secure with the SCC it employs and the image security features in place.

"Approximately 200 users in our organization work with Red Hat OpenShift Container Platform, and we have roughly 900-1,000 applications running on the platform.."

Nelandran Moodley   Read full review [↗]
Solaris UNIX Systems Engineer at Standard Bank South Africa

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.

"The initial setup for OpenShift on the cloud platform is straightforward and quick, taking five to ten minutes to initiate and up to one day to deploy all resources, depending on the complexity. For local setups, the process is more complicated and error-prone.."

Mallepoola Sravan Kumar   Read full review ↗

DevOps Engineer I at a tech services company with 1,001-5,000 employees

"The setup process is considerably more complex than that of Docker or Kubernetes. Its multi-node cluster setup involves a more intricate and time-consuming method.."

MuhammadIbtehaj   Read full review ↗

Enterprise Solutions Architect at 0

"When we first started out, the deployment took one or two days when we did a user provision installation for on-prem. We did UPI before, and we managed to change it as well, because later on we found out that we could do installable provision installation for VMware on-prem. Obviously, there's installable provision installation for the clouds as well.."

Nelandran Moodley   Read full review ↗
Solaris UNIX Systems Engineer at Standard Bank South Africa

"The initial setup of OpenShift is not complex when using Terraform or Ansible scripts. These scripts automate the creation and setup of resources, making subsequent deployments straightforward and efficient.."

Prasad Gupta   Read full review ↗
Software Engineer at IBM Software Labs

"Setting up the OpenShift Container Platform was straightforward. It's primarily deployed on-premises, although I've also utilized cloud solutions. It takes 15 days to complete the setup. Around three executives are involved in both the deployment and ongoing maintenance.

I rate the process an eight. ."

Felipe Giffu   Read full review ↗

Red Hat Solution Architect at Seprol Computadores e Sistemas

"I would rate my experience with the initial setup an eight out of ten, with ten being easy and one being difficult.

The initial setup is a little difficult because installing and configuring it is very involved. I don't see it as easy yet.

It's deployed on both the cloud or on-premises. On the cloud, it's much easier where it is managed OpenShift. If we go to managed offerings like Red Hat OpenShift on AWS, Azure OpenShift, or IBM Cloud, it is much easier to provision. But if it is self-managed, where you have to do everything yourself, it is difficult.

Red Hat OpenShift is self-managed, not from a cloud provider. If you are doing it on the cloud, then it is just a couple of hours. But if it is self-managed, then it will depend on the infrastructure, networking, and all that. It is still a team, but not yet a resource to have all that correctly set up.

It has been a good solution to deploy all containerized applications, like our AI and ML applications. We're not missing out on that capability.."

Anand-Awasthi   Read full review ↗
Cloud Solutions Architect at IBM

Customer Service and Support

"Not yet have I ever been in contact with Red Hat support for the Red Hat OpenShift Container Platform, but there may be some scenarios coming in the future.."

Rifat Rahman
Infrastructure Architect & CEO at Tirzok Private Limited

Read full review ↗

"The customer support from OpenShift is poor, with responses typically coming only after a few hours. The technical support, on the other hand, is more knowledgeable and helpful, although the process takes a considerable amount of time.."

Prasad Gupta
Software Engineer at IBM Software Labs

Read full review ↗

"The support people help us whenever we require their assistance. A partner provides us with the first-level support. The support has been good, but it is not direct support. We have a problem that has not been fixed for a long time.."

Jose Luis Bonilla
CIO at Banco Pichincha España

Read full review ↗

"The technical support is good. One challenge is that sometimes it may be difficult to find the answers to your questions if you are not a Red Hat customer. Many of the answers require you to log in to the Red Hat portal. Unless you are a customer, you cannot ask for a solution. On those lines, it is a little difficult. Otherwise, technical support is good.."

Anand-Awasthi
Cloud Solutions Architect at IBM

Read full review ↗

"There are some occasions when support from Red Hat is not what we expect; in instances of outages, it sometimes takes a substantial amount of time to resolve issues.

"My thoughts on the technical support of Red Hat are mixed; initially, when we logged a priority call, the assigned engineers were not senior-level, which delayed our support. However, we ultimately received the help we needed, but they should prioritize skilled engineers for urgent issues.

"Based on my experience with technical support, I rate it five out of ten.."

Nelandran Moodley   Read full review ↗
Solaris UNIX Systems Engineer at Standard Bank South Africa

"We have a technical account manager. That works very well for us. Mainly when we moved to OpenShift 4, which was an entirely new product, it was very good to have a technical account manager. He could help us with all kinds of bugs and things. It is working out very well, so we decided to keep them.

On the support case side, I have different feelings. Our experience depends on at what time of the day we file a support case for a severe issue. The support engineers from the United States are the best, but sometimes the support engineers from the other parts of the world seem less skilled. They take longer and ask all kinds of stupid questions. I have had a lot of discussions with them where I have told them that we have a highly qualified engineering team. We know a lot about their products, so they should not ask me all these no-brainer questions. There is a big difference.

We also use Red Hat Key and other things. There are various issues with them, but we do not get the attention. They should fix the issues. If something is filed as a critical bug, I have to call Frank and I need to call Tom to do something about it. I have to ask maybe five or six times and then the ball gets rolling. That is my main concern with Red Hat.."

Martijn Straatman   Read full review ↗
Technical Lead for OpenShift Platform at ODC-Noord

Other Advice

"OpenShift integrates seamlessly with our CI/CD pipelines, offering robust automation and deployment capabilities. I would highly recommend it.

I rate it a ten.."

Felipe Giffu   Read full review ⬈
Red Hat Solution Architect at Seprol Computadores e Sistemas

"My advice for new users is to explore the platform thoroughly as it's complex yet reliable. I would rate their customer service a seven out of ten. Overall, I rate OpenShift Container Platform a nine as it's a good product with room for improvement.

."

Eduardo Beltran   Read full review ⬈
Team Leader at b-yond.com

"If your concerns are primarily security and feature enhancement, OpenShift offers substantial value. It is suitable for larger teams concerned about security and usability. Smaller teams with less stringent requirements might consider other solutions. Careful cost estimation is crucial to avoid unnecessary financial burdens.

I'd rate the solution nine out of ten.."

Mallepoola Sravan Kumar
DevOps Engineer I at a tech services company with 1,001-5,000 employees

Read full review ↗

"Different companies might choose Amazon, Red Hat, or Microsoft based on their strategic goals. For startups or those needing robust container support, Red Hat OpenShift is highly recommended. For those needing frequent new features, AWS might be more suitable. Decision should be based on strategy and problem statement.

I'd rate the solution nine out of ten.."

Prasad Gupta
Software Engineer at IBM Software Labs

Read full review ↗

"I definitely recommend Red Hat OpenShift Container Platform to other organizations due to its high availability, security, ease of use, and all the built-in features it offers.

"We do no maintenance for Red Hat OpenShift Container Platform since ROSA is fully managed, and that's why it is a bit more expensive than EKS. The fully

managed service includes 24/7 support, scheduling, and upgrades; we only need to inform Red Hat support about upgrades, and they manage the process end to end.

"Overall, I rate Red Hat OpenShift Container Platform as a nine; although I would say ten, I think it's important to allow room for improvement.."

Nelandran Moodley
Solaris UNIX Systems Engineer at Standard Bank South Africa

Read full review ↗

"If I summarize the main benefit of this solution for my customers, it is the management of both virtualized and containerized environments, where the containerization will be more focused in the future. The benefit is clearly visible. However, for the customers who are mainly virtualization focused, the benefits are not quite exposed to them, resulting in struggles with customers who focus only on virtualization as they want some alternative to VMware, VMware ESXi and similar solutions.

"Through my experience, I do not actually have any suggestion for improvement for Red Hat OpenShift Container Platform because it is a platform as a service provider cloud. While we work with OpenStack as an infrastructure as a service provider system, OpenShift lacks some of its features from an infrastructure perspective. However, from an application point of view, the current features are quite good, and the flexibility of using the system is commendable. In the near future, there will be some upgrades according to market demands, but actually, nothing to blame at it.

"Before planning to use the Red Hat OpenShift Container Platform, my advice is that each customer should have a try from a technical point of view, as businesses think in a different way. Before deciding, they should compare features side-by-side and should not ignore OpenShift. Once they have tried it, I think they will stick with it.

"It is scalable for my customers, and it is easy to scale.

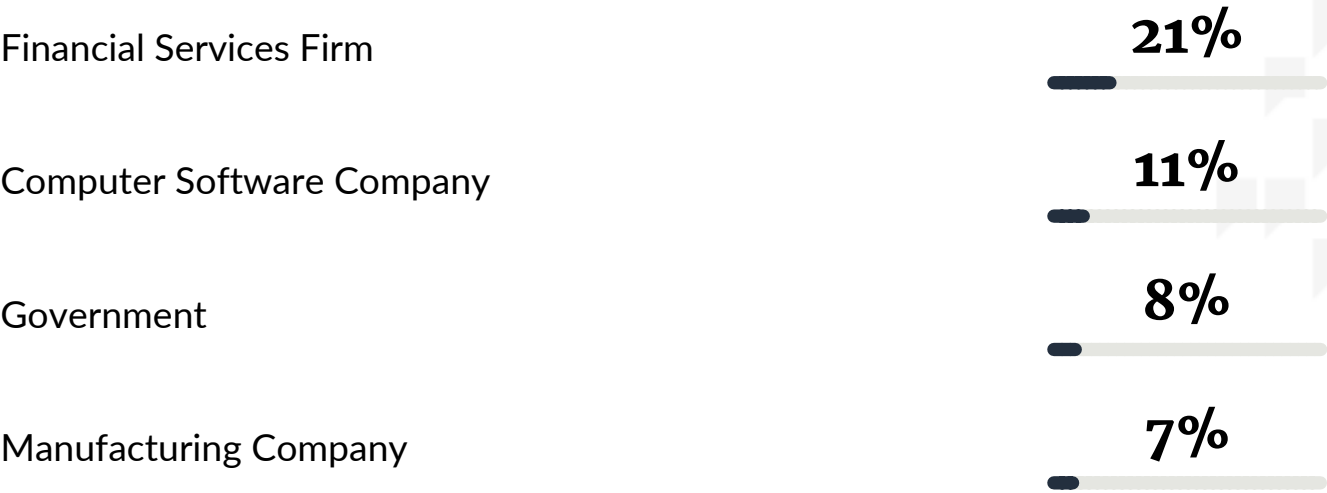"On a scale from one to ten, I rate Red Hat OpenShift Container Platform a nine.."

Rifat Rahman
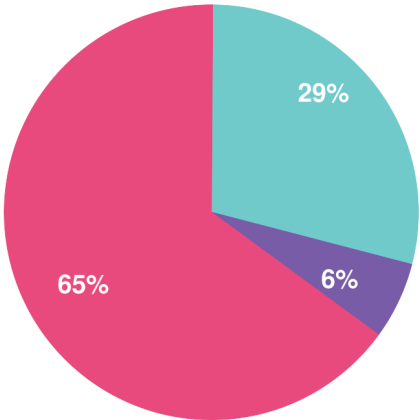Infrastructure Architect & CEO at Tirzok Private Limited

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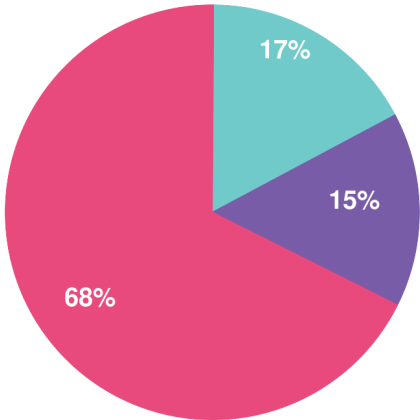
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11%

Government

8%

Manufacturing Company

7%

Company Size

by reviewers

29%

6%

65%

by visitors reading reviews

17%

15%

68%

● Large Enterprise   ● Midsize Enterprise   ● Small Business

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