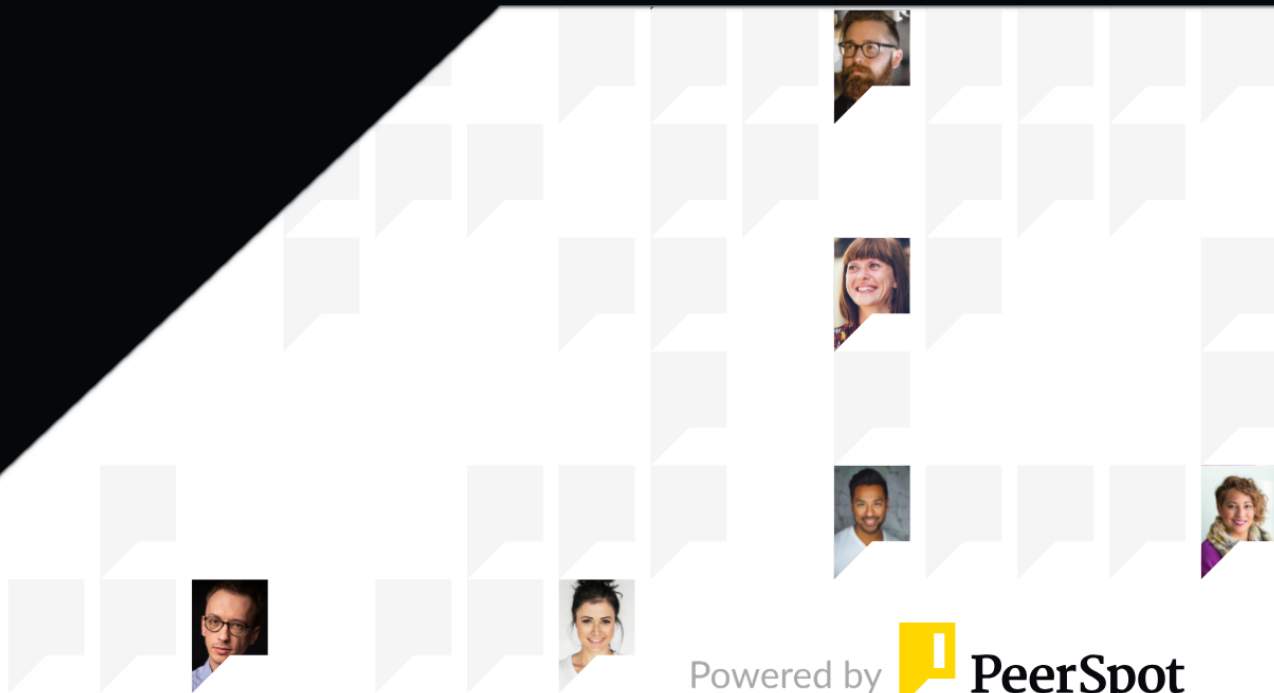




Amazon EKS

Reviews, tips, and advice from real users



Powered by  **PeerSpot**

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Product Recap



Amazon EKS

Amazon EKS Recap

Amazon EKS is a managed Kubernetes service that simplifies deploying containerized applications in the cloud. It automates scaling, enhances integration with AWS, and improves security and reliability for users.

Amazon EKS stands out for its automation, scalability, and seamless integration capabilities with AWS services. It offers auto-scaling and easy deployment while managing Kubernetes services to reduce maintenance efforts. Integration with IAM boosts security, and self-healing nodes enhance reliability. Although user-friendly and cost-effective, EKS requires improvements in user management, AI integration, onboarding, connectivity, and stability. Enhancements are needed in security features, logging, and UI, alongside more robust documentation and cost insights.

What are the key features of Amazon EKS?

- **Automation:** Reduces manual efforts in deployment and scaling.
- **Scalability:** Supports auto-scaling to manage workloads efficiently.
- **Seamless AWS Integration:** Enhances service connectivity and security.
- **Self-healing Nodes:** Improves system reliability by automatic recovery.
- **Managed Kubernetes:** Decreases maintenance with managed services.

What benefits and ROI should users consider?

- **Cost-Effectiveness:** Decreases deployment and operational expenses.
- **User-Friendly:** Simplifies cluster management and deployments.
- **Enhanced Security:** Secures applications through IAM integration.
- **Improved Reliability:** Features like self-healing nodes ensure dependable operations.

In industries utilizing cloud-native architectures, Amazon EKS enables the efficient orchestration of containerized applications, supporting microservices and simplifying infrastructure management. Organizations benefit from automated updates, production workload orchestration, and application deployment, ensuring reliable cloud operations.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“This way, previously manual tasks can be automated, which is a significant improvement.”



Mahesh Dash

DevOps Consultant at US Contract | Freelancer



“Amazon EKS's scalability is brilliant, as you can easily scale from zero nodes all the way up to the tens of thousands, probably even higher, without really having a bottleneck in terms of scalability.”



Validated user

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



“Amazon EKS is an excellent choice for organizations already invested in AWS.”



Deva Rugved

Software Engineer at INSTITUTE OF AERONAUTICAL ENGINEERING

- ✓ “What I appreciate best about Amazon EKS is that it's a great solution, especially for teams who search for flexibility and who are in active development of microservices architecture.”



Fedir Plotnikov

Senior Cloud Infrastructure Engineer at Globant

- ✓ “The value of Amazon EKS for us is due to our microservice-level architecture, where we need to automate and have a fast, scalable application, allowing us to directly configure the Amazon EKS cluster in the application, which will make it very easy to run our application smoothly and scalably.”



Sameer Mirza

Aws DevOps Engineer at Nova Techset Ltd

- ✓ “Amazon EKS is providing auto-scaling, which is one of the features that everyone is moving to because it eliminates the need for manual deployments on EC2 machines or on Docker.”



ManodayAhire

Cloud Infrastructure Engineer at REG-X



“By integrating AWS IAM roles with Amazon EKS service accounts, we can leverage other services from Amazon EKS such as S3, Secrets Manager, or EC2, and the concept of IRSA helps us integrate with external services of the Amazon EKS cluster easily.”



Validated user

Administrator at a tech vendor with 201-500 employees

What users had to say about valuable features:

“The best features Amazon EKS offers are scalability and deployment control, the ingress configuration regarding path pattern and host header to get all the services and microservices, and the HPA configuration.

“The biggest difference, or the most important aspect to me, is the scalability, because you can easily scale any service or microservice to handle security during high changes in connection flow, and it is useful for the application and helps day-to-day by giving us reliability and stability so we can perform all maintenance and deployment of our system.

“Reliability is a very important thing. Security and operational consistency are very important aspects, and the flexibility offered in node management and network options is also valuable. Amazon EKS is a service that is reliable and scalable, and it gives us a solid and dependable solution..”

Vicente Gazola

Head Of IT And Dpo at Unavant Bank

[Read full review](#)

“Amazon EKS has very good scalability with 100% uptime and zero latency.

Amazon EKS is the most cost-effective solution that I am using currently. If I want to reduce my downtime, I can deploy it in a multiple region architecture, which can reduce the downtime.

It is a cloud-based solution which is managed by Amazon, a global cloud services provider. I have observed very negligible issues while running my applications on Amazon EKS.

It is very pocket-friendly, cost-effective, and the setup is very simple.

If you are running a few applications that require high scalability, you can go for Amazon EKS. It is a very good tool if you want a managed Kubernetes service. It will definitely work wonders for your project.

Currently I work for a financial global giant where a millisecond latency costs around a million dollars. With Amazon EKS, I have a lot of benefits..”

Validated user

[Read full review](#) 

Technical Solutions Engineer at a leisure / travel company with 501-1,000 employees

The best features Amazon EKS offers in my experience are its reliability and high availability, and also the support that AWS provides. The reliability and high availability have helped me specifically because there were some configuration issues at my end for the agent, which caused it to go down repeatedly. Due to the high availability features, every time a node downscaled, a new node was automatically scaled up, ensuring that the AI agent was up. I was able to check the logs and correct the issues accurately thanks to that high availability. Also, AWS support is very helpful; whenever I face issues regarding costing or anything else, I just create a ticket and they assist me in resolving the issues.

Amazon EKS has positively impacted my organization by improving the efficiency and working capacity of my team. It improved efficiency and working capacity because, based on how Amazon EKS works, we are more calm regarding functionality. The reliability allows us to focus on many other tasks, as the infrastructure is maintained by Amazon EKS; therefore, we can divert our attention to other tasks and perform well there as well. .”

Validated user

Devops Engineer at a tech vendor with 51-200 employees

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The most valuable feature of Amazon EKS is the managed Kubernetes control plane, which allows teams to focus on DevOps and application workflow instead of cluster maintenance. Another major benefit is how naturally Amazon EKS fits into the AWS ecosystem, integrating with EC2 for compute, IAM for access control, and Amazon ECR for container images. CloudWatch for monitoring creates a complete DevOps pipeline. The self-healing nature of Kubernetes combined with AWS scalability makes the environment reliable and suitable for real-world workloads.

The most promising feature, which I prefer the most, is its integration with all the AWS services, including EC2, IAM, VPC, ECR, and CloudWatch, making it a key part of my workflow.

“Amazon EKS works very well with Docker-based container workflows; it is highly scalable and self-healing, complemented by its rolling update capabilities. .”

Deva Rugved

Software Engineer at INSTITUTE OF AERONAUTICAL ENGINEERING

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One of the features I really appreciate about Amazon EKS is its ability to integrate with other AWS tooling. That is very useful because it is part of the wider Amazon ecosystem. For example, if you wanted to grant access to a specific pod within Kubernetes, you could use Amazon EKS to provision a service account for that pod to interact directly with a bucket. You would not get this type of benefit if you used Kubernetes out of the box which was not running on an Amazon service. The ability to integrate with other Amazon tooling and do it at a very granular level is something I value.

From a security perspective, Amazon EKS is very strong. That granularity allows for specific pods to have access to specific buckets or specific EC2 instances. It allows for the principle of least privilege at a very granular level, which improves the security of using the tool.

“Amazon EKS allows me to use applications and deploy them in a specified format and to scale that across huge numbers. Because you can deploy Amazon EKS via Terraform or other infrastructure as code tools, it allows for a repeatable architecture, which is brilliant because once it is developed, it is very simple to then deploy further versions for potentially different customers or different versions of the same application..”

Validated user

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

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“Amazon EKS is providing auto-scaling, which is one of the features that everyone is moving to because it eliminates the need for manual deployments on EC2 machines or on Docker.

Kubernetes manages all those things, which is why people are moving to Amazon EKS. For Kubernetes as a project, it can be difficult to manage, but that problem is solved by Amazon EKS so I just need to think of our application rather than the infrastructure, and AWS manages all the infrastructure.

Because of Amazon EKS, if I do manual deployment on Docker and my particular container fails, I will not know the reason. However, Amazon EKS automatically restarts that particular container or stops it and creates a new one, switching the traffic accordingly.

This is why Kubernetes provides a better experience. Amazon EKS provides scalability, which is one of the features everyone is using. In case of high traffic, it automatically scales the nodes and pods, and we can scale it horizontally or vertically.

The authentication process means that with IAM policies, I am giving the least privilege access so only particular persons are able to manage Amazon EKS clusters. Everyone does not have access, which creates a kind of zero-trust security..”

ManodayAhire

Cloud Infrastructure Engineer at REG-X

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Other Solutions Considered

I did not evaluate many options; I evaluated some, specifically open-source Kubernetes, which I thought would be more difficult than Amazon EKS. Therefore, I chose Amazon EKS.

Deva Rugved

Software Engineer at INSTITUTE OF AERONAUTICAL ENGINEERING

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Previously, I used open-source Kubernetes as a normal Kubernetes solution. I wanted to switch to Amazon EKS because Amazon EKS connects with numerous AWS services, making it easier to deploy my applications than using open-source Kubernetes.

Deva Rugved

Software Engineer at INSTITUTE OF AERONAUTICAL ENGINEERING

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I did not really evaluate other options before choosing Amazon EKS, because if workloads are run on AWS, you would only really use Amazon EKS if you wanted a managed Kubernetes service. Amazon does not offer another service which would compete with that.

Validated user

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

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“Before Amazon EKS, I used manual deployments such as getting the code and running those on servers. Then Docker containers came into place, running code on Docker, followed by using ECS, and then Amazon EKS came into play. It was a logical update that I chose to go with..”

ManodayAhire

Cloud Infrastructure Engineer at REG-X

[Read full review](#) 

I have previously used GKE from GCP. You would only really use that if your other workloads are running within Google Cloud as well. If your workloads are running in AWS, using Amazon EKS is better because it allows for better linkages between different products within that cloud platform.

Validated user

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

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“I notice key differences between Amazon EKS and its competitors, analyzing both pros and cons. The seamless integration is sometimes lacking in other offerings. When managing software in platforms Kubernetes—including EKS, AKS, GKE, Rancher Kubernetes, and Oracle's Kubernetes engine—I've faced specific challenges, particularly with user management in Oracle's solution, which isn't as seamless as it is in Amazon EKS. Comparatively, OpenShift from Red Hat has notable strengths. Oracle is making improvements, especially with its longstanding database solutions. For cloud providers, though, OS from Red Hat is a formidable competitor, offering robust out-of-the-box solutions around resource limits and dashboard configurations that do not require command-line interventions..”

Maresh Dash

DevOps Consultant at US Contract | Freelancer

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ROI

Real user quotes about their ROI:

Return on investment with Amazon EKS is positive, because it allows applications to be hosted. In terms of money saved, if a team was to go from not using autoscaling to using autoscaling in terms of how much user traffic is actually generated, teams could easily save over 30% of costs just from that one tool being enabled alone.

Validated user

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

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I have seen a return on investment because the reliability has helped me save time; I can rely on Amazon EKS's reliability and then divert my attention to other tasks, so it has definitely saved my time. I estimate that my team and I save roughly one to one and a half hours a day since using Amazon EKS.

Validated user

Devops Engineer at a tech vendor with 51-200 employees

[Read full review](#) 

“I have experienced a return on investment with Amazon EKS. Since implementing Karpenter, costs have been reduced and operational efficiency has increased. We can deploy applications swiftly, and our monitoring tools such as DataDog alert us to any pod issues so we can act quickly. This responsiveness enables us to focus on critical issues that require our immediate attention..”

Validated user

[Read full review](#) 

Senior DevOps Engineer at a tech services company with 10,001+ employees

“I have seen a return on investment with Amazon EKS for time, as it has helped me save a significant amount of time. However, the cost side has not been as positive since some of the applications run in dollars, leading to complaints from customers and ourselves about the cost, particularly when providing services to customers across Nigeria and some African countries. The return on investment has not been great due to the foreign exchange rate, but for time savings, it has been wonderful in helping with deployment..”

Michael O. Osumune

[Read full review](#) 

Founder & CEO at Moon Innovations

Time is definitely saved because Amazon EKS provides automation with CI/CD pipelines, allowing us to simply monitor it, and if there is any fault, we know immediately in the pipeline. Regarding the need for fewer employees, I do not think that will happen since only a few employees will know about Amazon EKS deployments in the cloud, so some knowledge is necessary. We can see a return on investment; we can save a lot of money by using Amazon EKS as it is directly connected with all AWS services and can be integrated with coding storage options such as GitHub and GitLab.

Deva Rugved[Read full review](#) Software Engineer at INSTITUTE OF AERONAUTICAL ENGINEERING

“In terms of ROI, the return on investment, I have clear examples. When we began, we utilized managed nodes for applications needing dynamic processes. Some applications simply required pod creation once data was queued for processing, allowing the node to remain free afterward. For a customer who was not cost-effective—we had provisioned a node that saw little CPU usage but substantial memory consumption—we implemented effective resource quotas and HPA. This setup enables the system to utilize resources dynamically based on the actual demand observed by reading metrics from the Prometheus adapter. Notably, the adapter isn't an out-of-the-box feature provided by Prometheus; you need to create your own adapter for it. Using tools HPA and Carpenter allowed us to scale resources based on requirements. Initially, not having them resulted in an unoptimized solution. However, with these tools in place, we witnessed a reduction of costs by approximately a third—if it was \$100 beforehand, we brought costs down to \$25..”

Maresh Dash[Read full review](#) 

DevOps Consultant at US Contract | Freelancer

Use Case

“My main use case for Amazon EKS is for implementation and sustainable services and microservice application on a critical structure and services deployment.

“On our application, we have more than 20 services and microservices such as authentication, login, account management, a notification service, and a billing service, which all work together to structure a heavy, useful application..”

Vicente Gazola

Head Of IT And Dpo at Unavant Bank

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Amazon EKS's main use case is using compute in a highly containerized format. Building and running applications is my primary use case for Amazon EKS.

I currently use Amazon EKS to run a web application. I have my own website which I host on Amazon EKS.

“Currently, I use Amazon EKS to host a web application, but Amazon EKS is so versatile. I have used it previously to host a whole host of different applications..”

Validated user

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

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My main use case for Amazon EKS is to host one of my AI agents which I built recently in my company. I use Amazon EKS to host my AI agent, which is a sprint report agent that fetches the company's data from Jira and prepares a sprint report for the complete team. The agent runs on Amazon EKS for high availability and reliability, hosted on nodes, and it is running on a GPT OS's model in the back end.

I have designed this agent for high availability on Amazon EKS because if I hosted it on any other platform, there would be chances of downtime. I have set it up in such a way that if there is any downtime, a new node is already up and running so that my use case is not affected and the users can use it seamlessly without any issues. .”

Validated user

[Read full review](#) 

Devops Engineer at a tech vendor with 51-200 employees

“I use Amazon EKS mainly for deploying my application onto the Kubernetes infrastructure, which is provided by the underlying Amazon infrastructure.

I have many services, many applications, and many web services and web applications which are deployed using Amazon EKS across different regions in Amazon web service locations and data centers.

Other than deploying applications onto Kubernetes infrastructure using Amazon EKS, I don't have any other use cases for this tool in my current organization..”

Validated user

[Read full review](#) 

Technical Solutions Engineer at a leisure / travel company with 501-1,000 employees

“We are currently using Amazon EKS as a production environment where we deploy multiple services because we serve banks using our services for identifying threat analysis and synthetic identity. Our main use case for Amazon EKS involves deploying our services based on scoring to determine whether a particular user is valid or invalid based on their social security number and any fraudulent entity they provide. We analyze this information and use Amazon EKS as the platform for deploying that application. We mainly deploy applications using Kubernetes deployments, and based on that, we deploy pods which contain the container that runs the application.

“Amazon EKS helps us manage these deployments for threat analysis and synthetic identity because the controller part is managed by AWS. This addresses our concern about managing it ourselves, as we are managing a large environment where Amazon EKS ensures we can confidently manage our application rather than relying solely on the controller. We have implemented Karpenter, which manages the nodes and continuously monitors to see if any nodes or pods are underutilized or unable to load. It identifies the requirements from the pod side, automatically creates a node, and schedules the pod based on its resource needs. This automation allows us to respond quickly, especially during high load times when pods may get stuck or unable to upload images. The alerts help us react promptly, and another pod will be scheduled to fulfill the user's request within seconds.

“The best feature Amazon EKS offers is automation, particularly with the automatic scheduling of pods on nodes. Karpenter, the new feature added recently that manages the node initialization, is something I really appreciate as it makes independent decisions based on the requirements, unlike older autoscaling configurations. Karpenter prioritizes cost-effectiveness by selecting the cheapest options for nodes, whether they are spot instances or on-demand. Additionally, whenever there is an issue, the pod can be automatically recreated using the defined replica set, providing a significant advantage of Kubernetes.

“Karpenter helps keep costs down by consistently evaluating whether it should take on-demand instances or lower-cost alternatives. It constantly monitors for the lowest price model available in AWS. However, because the cheapest instance can be terminated with little notice, Karpenter quickly transitions to the next

available on-demand instance. This proactive cost management is a key feature.

“Amazon EKS has positively impacted my organization as Kubernetes offers orchestration of container-based applications, allowing us to rapidly deploy and fulfill user requests. During busy business days or promotional offers, we experience increased traffic, and Amazon EKS enables quick deployment of containers to meet this demand. If a pod is unresponsive, Amazon EKS can easily launch another pod to maintain service delivery. This adaptability not only enhances user service but also contributes to cost savings since we leverage Karpenter to manage nodes dynamically based on usage..”

Validated user

[Read full review](#) 

Senior DevOps Engineer at a tech services company with 10,001+ employees

I used Amazon EKS throughout my internship while working on Docker-based deployments, Kubernetes orchestration, and cloud infrastructure tasks at Cognizant.

I used Amazon EKS when working as an intern at Cognizant, where it was used to deploy, manage, and scale containerized web applications. Our workflow started with building Docker images, storing them in Amazon ECR, and deploying them to Amazon EKS clusters running on EC2 worker nodes with CI/CD pipelines. We used many tools; for example, Jenkins was part of our CI/CD pipelines that automated the build and deployment process.

“Additionally, I worked on application deployments, updating Kubernetes manifests, managing pods and services, and verifying application health. Amazon EKS acted as a central platform that connected Docker, AWS infrastructure, and DevOps automation into one consistent system.

“I used Amazon EKS during my internship at Cognizant as part of a cloud and DevOps-focused environment, where it served as the core Kubernetes platform to run containerized applications built with Docker, deployed through CI/CD pipelines, and hosted on AWS infrastructure. We deployed numerous web applications, and we wanted to learn Amazon EKS through dummy projects with dummy web interfaces. Beyond dummy projects, we also deployed some client websites into the Kubernetes environment and managed traffic, although I cannot name the clients.

“Amazon EKS is an excellent choice for organizations already invested in AWS. I recommend having a solid foundation in Docker, Kubernetes basics, and AWS core services before implementing Amazon EKS. Using infrastructure-as-code tools and following AWS best practices can significantly improve maintainability and security. Amazon EKS is particularly strong for enterprise environments and microservice-based architectures.

“Amazon EKS is ideal for teams already using Docker, CI/CD, and AWS infrastructure, which our team was already utilizing. I strongly recommend learning Kubernetes fundamentals and AWS networking, containers, and security before using Amazon EKS in production, as it positively impacted our organization by making it easy to connect all our existing AWS services.

“I deployed Docker applications to Amazon EKS using CI/CD pipelines, integrating with EC2, ECR, IAM, and automated workflows. .”

Deva Rugved

Software Engineer at INSTITUTE OF AERONAUTICAL ENGINEERING

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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 is moderately complex; creating clusters, configuring IAM roles, setting up the network, and connecting with the worker nodes requires careful planning. However, once the environment is configured, ongoing operations such as deployment, updates, and scaling are smooth and efficient.

Deva Rugved

[Read full review](#) 

Software Engineer at INSTITUTE OF AERONAUTICAL ENGINEERING

“The initial setup with Amazon EKS is straightforward, and all of our teams are involved with AWS. Some use EC2 containers, and I've seen everything there is to see in AWS..”

RichardSmith

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Operations Engineer IV - Global Disaster Recovery Testing at a insurance company with 10,001+ employees

“My experience with the initial setup of Amazon EKS was straightforward with no challenges at all on my part, although the interns might complain about some snags. It's basically about studying the documentation..”

Michael O. Osumune

[Read full review](#) 

Founder & CEO at Moon Innovations

In terms of deployment speed, if Terraform files are configured to deploy on Amazon EKS and they are written in a very efficient way, deployment could be as quick as five minutes. Compared to deploying on a traditional virtual machine in a data center, which would be hours, that is a big time saving. You can very easily save over 50% of the time if you are deploying on Amazon EKS compared to in a traditional manner.

Validated user

[Read full review](#) 

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

“I participated in the initial setup of Amazon EKS in the deployment process at my previous organization. For the initial setup, there are types of deployments for Amazon EKS cluster. Via the console, it is somewhat difficult, but via CLI, it is easy. You just need to set up AWS CLI and configure it, and then a simple command is AWS EKS CTL create, and we can create our Amazon EKS clusters. It is straightforward and not complex..”

ManodayAhire

Cloud Infrastructure Engineer at REG-X

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“From my point of view, the initial deployment of Amazon EKS is difficult.

“I had to configure many components, such as IAM policies and other things; it was not a simple click-through process. The major issue is that there is no single point where I can see all the logs; while there is CloudWatch, it is not easily accessible, and you have to go through a hectic process to search and find information. There is nothing where you can go and click to get all the logs in a single place..”

Kumar Aditya

Software Engineer at a tech services company with 11-50 employees

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Customer Service and Support

“I did not need to communicate with the technical support of Amazon EKS yet. I have not communicated with their support specialists for Amazon EKS, but I did for other things..”

ManodayAhire

Cloud Infrastructure Engineer at REG-X

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Customer support for Amazon EKS is brilliant. It uses AWS's customer support which could be as quick as probably five-minute response time or 15-minute response time. Whenever I have contacted them, I get responses every single time, same day, and Amazon's expertise is immense. There are no complaints there.

Validated user

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

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Support and documentation from AWS are very strong, with extensively available official documentation, and AWS support channels are very kind and responsive. Most issues can be resolved through AWS knowledge bases, documentation, and our organizational support teams.

Deva Rugved

Software Engineer at INSTITUTE OF AERONAUTICAL ENGINEERING

[Read full review](#) 

Amazon's customer support has its merits; it is good overall. However, when it comes to enterprise licenses, the quality declines significantly. Startups may not recognize this at first, engaging with support during their initial phase, but they soon discover the lack of expert guidance and the costs associated with it—it's quite expensive.

Maresh Dash

DevOps Consultant at US Contract | Freelancer

[Read full review](#) 

“Customer support for Amazon EKS is excellent, particularly at the enterprise level, as we can readily raise tickets and receive prompt responses. This interactive support is incredibly useful, allowing for quick resolutions and solutions through live sessions and screen sharing..”

Validated user

Senior DevOps Engineer at a tech services company with 10,001+ employees

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“I have not contacted AWS technical support in this project, but in previous projects, we contacted them twice regarding database and other issues. They are quite good, and because it is a build project, we received immediate support within twenty-four hours. During the call, issues were solved immediately..”

Sachin Deorah

Technical Architect at BORN Group

[Read full review](#) 

Other Advice

Amazon EKS is a good product; if you are starting with [Kubernetes](#), it is a good choice, but the pricing is a bit substantial, so you should review that. Also, regarding the support, there are sometimes cases where you need to upgrade your AWS plans for particular support, which can also be a bit pricey. I would rate this product a seven overall.

Validated user

Devops Engineer at a tech vendor with 51-200 employees

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The benefits that I observed after adopting Amazon EKS are improved deployment speed and reliability, while resource usage remains the same, but we can handle a larger amount of traffic and application deployments without any issues. The user interface is very great, providing clarity on where the fault or error lies while deploying our application. I would rate this product nine out of ten.

Deva Rugved

Software Engineer at INSTITUTE OF AERONAUTICAL ENGINEERING

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“I advise doing a POC first and getting all the details, testing, and having a very good alignment between DevOps and development departments, and prepare all the [CDN](#) and how the connections get into your cluster, and how you configure your ingress and how to prepare every service or microservice to receive that with secure and optimized code, process, and communication with other resources. I would rate this product an 8..”

Vicente Gazola

Head Of IT And Dpo at Unavant Bank

[Read full review](#) 

“I would certainly recommend using Amazon EKS due to its managed services, which alleviate the complexities of controlling the Kubernetes cluster. The scalability features ensure issues with any pods are managed effectively by automatic relaunch processes, maintaining desired states. Karpenter's cost-efficient design is another highlight worth noting for anyone looking to balance container orchestration with spending.

“Amazon EKS has proven to be an exceptional product, particularly as it gains popularity due to its scalability and rapid application deployment capabilities, benefiting organizations across various sectors. This review has been rated nine out of ten..”

Validated user

Senior DevOps Engineer at a tech services company with 10,001+ employees

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Overall, Amazon EKS is a very good tool to use and it is commonly used in the industry. However, GKE is easier to use and some of the management is abstracted away, which is not the case with Amazon, so that is one drawback. The need to

upgrade yourself as well is another limitation. I believe with GKE Autopilot, you do not have to do that because Google manages it under the hood. The fact that it is not as automated as similar Kubernetes products on the market is what takes off those last two points.

I did not purchase Amazon EKS through the [AWS Marketplace](#). I bought it directly through Amazon on their AWS platform.

“I would recommend using Amazon EKS if your workloads are running on AWS. If your workloads are running on [Azure](#) or GCP, you probably would not want to use it just because you would get better linkages if you were using the cloud platform's own Kubernetes service. I personally prefer GKE because of the Autopilot feature, but Amazon EKS is a brilliant tool if you are already on Amazon's platform. I have provided a review rating of 8 out of 10 for this product..”

Validated user

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

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“Let me provide some additional context. [Jenkins](#) is one tool to consider.

AWS DevOps is also available. For monitoring, [Grafana](#) and Prometheus are options. There are also some open-source tools that we are working on, such as Signoz.

[Microsoft Entra ID](#) is one of the products which we are using. For AWS, we are using AWS ECS, Amazon EKS, [IAM](#) for authorization and authentication purposes, and databases. All the services which are on AWS are being utilized.

Amazon EKS is different from Kubernetes because it is a platform built on Kubernetes but managed by AWS. Amazon EKS is already dominating the market more than others, so there is no enhancement from my side.

I utilized Amazon EKS's integration with [IAM](#) and OIDC. [IAM](#) roles have provided the capability to give permission to Amazon EKS that this particular Amazon EKS is able to access particular services such as the [S3](#) bucket, which is one of them, and [RDS](#), which is a database. We are providing roles to Amazon EKS clusters so that on our behalf, it can access these particular things. By that, they can access the database and objects in the [S3](#) bucket.

I am not currently using Amazon EKS's self-healing nodes. In another organization, we are not on Amazon EKS.

For the nodes, I can tell that it provides auto-scaling to minimize and maximize the number of nodes as traffic comes. By that, the pods will run on those, and if there is any failure on nodes, it gives another node.

I would rate this product a 9 out of 10 overall..”

ManodayAhire

Cloud Infrastructure Engineer at REG-X

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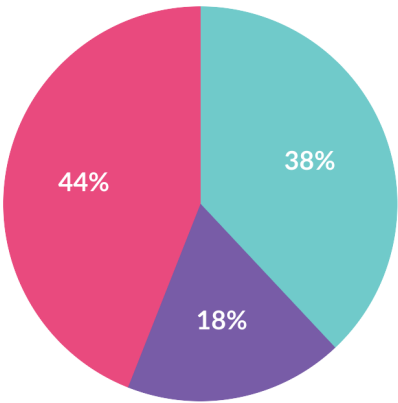
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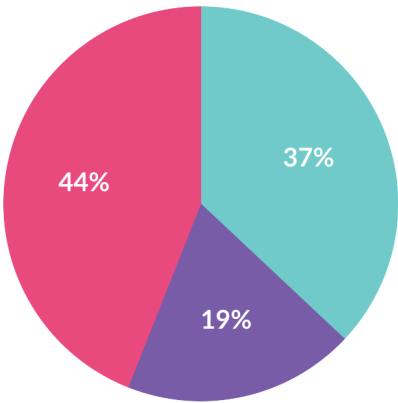


Company Size

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 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.

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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.

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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
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PeerSpot

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

reports@peerspot.com

+1 646.328.1944