aws marketplace

Amazon EKS

Reviews, tips, and advice from real users






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Product Recap

Amazon EKS

Amazon EKS Recap

Amazon Elastic Kubernetes Service (Amazon EKS) is a fully managed Kubernetes service. Customers such as Intel, Snap, Intuit, GoDaddy, and Autodesk trust EKS to run their most sensitive and mission critical applications because of its security, reliability, and scalability.

EKS is the best place to run Kubernetes for several reasons. First, you can choose to run your EKS clusters using AWS Fargate, which is serverless compute for containers. Fargate removes the need to provision and manage servers, lets you specify and pay for resources per application, and improves security through application isolation by design. Second, EKS is deeply integrated with services such as Amazon CloudWatch, Auto Scaling Groups, AWS Identity and Access Management (IAM), and Amazon Virtual Private Cloud (VPC), providing you a seamless experience to monitor, scale, and load-balance your applications. Third, EKS integrates with AWS App Mesh and provides a Kubernetes native experience to consume service mesh features and bring rich observability, traffic controls and security features to applications. Additionally, EKS provides a scalable and highly-available control plane that runs across multiple availability zones to eliminate a single point of failure.
EKS runs upstream Kubernetes and is certified Kubernetes conformant so you can leverage all benefits of open source tooling from the community. You can also easily migrate any standard Kubernetes application to EKS without needing to refactor your code.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "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

- "The best features of Amazon EKS are simplicity and the management portal."

Bavan Balakrishnan

Senior SOC Developer at XVE Security

- "The main benefits from using Amazon EKS include it being a well-tested product that we can use to deploy our workload; its management system is very efficient, we can deploy things very easily and resolve our issues efficiently, and it has deep AWS integration and a managed control plane."

Omer Nazeer

DevOps Engineer at Cloudquik

"I can recommend using it to save costs and for faster deployment, better performance, security, and easy clustering."

Verified user

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

"What I appreciate about Amazon EKS is the autoscaling feature; when you configure the Kubernetes cluster manually on the VMs and need to add new VMs or if you run out of storage for the VM, you don't have to worry about that with Amazon EKS because it automatically scales the nodes and provides another VM ready for you automatically, which is a great aspect of Amazon EKS."

Shriram Patil

DevOps Engineer at a tech services company with 201-500 employees

"The most beneficial aspect of Amazon EKS is that it helps manage the Kubernetes master node, so I don't need to maintain the master node, including tasks like upgrading."

Rock Wang

cloud architect at selfstarter

"Based on my experience, the best features are backed up with extensive security that AWS allows and is firmly integrated into their entire AWS cloud."

Yossi Shmulevitch

Owner at SoftContact

What users had to say about valuable features:

"The best features of Amazon EKS involve the orchestration, which may be the concerning part of each customer when it comes to Amazon EKS especially. The automation part, the deployment and monitoring part, the security as well, having the connectivity going private or public, or using Kubelet are various aspects that users should be aware of, providing good experience while discussing these options with customers.."

MarcoFekry

Cloud Consultant & Service Delivery Manager at global brands

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"The main benefit of Amazon EKS is its rapid deployment. The fact that we can deploy it very quickly with infrastructure as code and then tear it down again when we are finished.

"There is no real advantage to us from Amazon EKS because the advantage is the fact that we have a unified management product so we can deploy concurrently into multiple clouds and on-prem out of one pane of glass. That is the key thing there. As far as the development and presentation, sometimes it is easy just to load it up through kube control, sometimes you put it through a GUI control in front.."

David Watson
Technical Expert at a computer software company with 201-500 employees

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"What I appreciate best about Amazon EKS is the managed service part of it because we don't need to worry about the underlying operating systems or the upgrades we need to have. The flexibility at which we can spin up multiple pods in each of the Kubernetes service and the service availability aspect of it are the key points.

"I have used the integration with IAM; we used IAM roles, focusing on security aspects. We had multiple IAM roles and policies defined so that it is quite secure.."

Upendra Kanuru
Cloud DevSecOps Engineer at USAA

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“What I appreciate about Amazon EKS is the autoscaling feature. When you configure the Kubernetes cluster manually on the VMs and need to add new VMs or if you run out of storage for the VM, you don't have to worry about that with Amazon EKS. It automatically scales the nodes and provides another VM ready for you automatically, which is a great aspect of Amazon EKS.

“The main benefit of using Amazon EKS is the automation for the cluster. When creating it manually, it takes a long time to set up the VMs and configure them as server, master, and worker nodes. With Amazon EKS, you can run just one command to configure the whole cluster with the desired number of nodes..”

Shriram Patil
DevOps Engineer at a tech services company with 201-500 employees

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“Amazon EKS's self-healing nodes help minimize administrative burdens in my organization by automating through all of Amazon EKS. We have used multiple types of automation tools which we directly integrate for the deployment purpose of the Amazon EKS cluster. We have integrated them with the Docker side of Amazon EKS, allowing the container service to run over there, so it is directly deployed for the administrative level of the Amazon EKS cluster.

“The benefits I have seen from Amazon EKS include a fully managed Kubernetes service for the control plane, the API server level, etcd scheduler, and controller. There's no need to worry about patching, scaling, and maintaining the master node. There is high availability over multiple availability zone control panels, and security compliance is guaranteed for IAM; AWS IAM users authenticate and access the control from the support VPC isolation and security group network policy.

“The integration with IAM helps enhance our authentication process because IAM basically helps with access. Nobody can enter with any kind of access, and any kind of vulnerability will be showing in my application. If I set an IAM user to that Amazon EKS cluster, that user will have limited access, and that application will run through that IAM user only. It is very beneficial, and for security purposes, it's also important because vulnerabilities will be found and block all the vulnerability and security issues if you set an IAM user to the Amazon EKS cluster with limited access..”

Sameer Mirza
Aws DevOps Engineer at Nova Techset Ltd

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“I have been using Amazon EKS, and I started with ECS first, which is the Elastic Container Service where I can deploy my workloads. ECS is also one of other managed services from AWS, but it is not supporting Kubernetes. We wanted a platform where we could have an orchestration platform for Kubernetes. Hosting our own Kubernetes server is a very tedious job. Kubernetes itself is a very complex tool to manage and requires a lot of resources and knowledge to build a working solution. That's where Amazon EKS comes into the picture as a managed service built on top of a Kubernetes engine, offering many tools, such as CLI integrated tools or through their console to quickly set up a Kubernetes cluster, which otherwise is a tedious job.

“With that offering, it is very easy to set up the Kubernetes cluster in Amazon EKS, and it is very easy to manage the nodes we have there, such as what instances we need. Since it's an AWS offering, we select a variety of EC2 instances available, and it integrates with it nicely. The same applies to the infrastructure as a service tool, IaaS, such as Terraform. It is very easy to create and manage Amazon EKS clusters through Terraform. Overall, it offers a lot of tooling and saves a lot of time compared to setting up and managing a Kubernetes server ourselves.

“A specific feature of Amazon EKS is that Kubernetes is open source, and all its capabilities are based on that. The main advantage is launching and managing a Kubernetes server becomes very easy, as I receive out-of-the-box support for other AWS service integrations with Amazon EKS. For example, services such as AWS IAM directly integrate whenever I want to set up access control or security measures on my Kubernetes server. EC2 offers out-of-the-box support when setting up Kubernetes nodes. All this setup we need to do otherwise becomes much easier with Amazon EKS.

“Regarding measuring the impact of Amazon EKS on my organization's ability to manage complex workflows effectively, there are measurable metrics we use. Whenever we set up any project, it is crucial to ensure we understand the availability and scalability of our applications. When I set up any application, I look at how we will be able to scale whenever there is a requirement for higher loads. To measure the Amazon EKS platform's effectiveness in this regard, I evaluate the different methods available for scaling the application. For instance, based on CPU

and memory consumption, I can scale or use scalability tools such as KEDA. KEDA helps us scale based on various factors, such as the number of requests my application receives or the load on my service based on metrics. These tools can be easily installed on my Amazon EKS server without restrictions. Availability is crucial when setting up a Kubernetes cluster, especially when designing for a global audience using Amazon AWS. The options to configure multi-region and multi-AZ setups are incredibly valuable, as these features ensure high availability without complex traditional setups required for on-premise hosting.."

Gaurav Dixit
Senior Technical Lead at a tech vendor with 1,001-5,000 employees

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Other Solutions Considered

"Before Amazon EKS, we did not use a different solution for these use cases. We are directly running on it. If there is any application running on a small-level architecture, we can directly build as per the build process. We follow the build process step-by-step to build our application via the production environment as well, without any Amazon EKS cluster.."

Sameer Mirza
Aws DevOps Engineer at Nova Techset Ltd

Read full review

"Before choosing Amazon EKS, we did not evaluate other options or other vendors; we have not worked with any other tools till yet. We can directly deploy our application via Kubernetes and Docker, Docker, and Docker Compose files, and Jenkins via the automation.."

Sameer Mirza
Aws DevOps Engineer at Nova Techset Ltd

Read full review

"I see big differences between Amazon EKS and GKE. The way you install the cluster is different. In GKE, when you install the cluster, it raises the nodes for you. In AWS, you can install the cluster and then you have to raise up the node using Auto Scaling Group or whatever. It's more integrated maybe. Also in terms of documentation, Google is different from Amazon.."

AndreaCarella
DevOps Engineer at GFT Group

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"In my current company, I don't use it, but in my earlier company, we started with ECS, another AWS offering where we deployed our containers. However, as our deployment expanded, the limitations in scalability prompted us to explore better options. We began to reach a point where more than 30 or 40 instances of our services were running, and there was a need to support these across different regions. ECS offered some level of scalability, but it was not as customizable as Kubernetes, so we decided to transition from ECS to Amazon EKS to harness its full capabilities.."

Gaurav Dixit
Senior Technical Lead at a tech vendor with 1,001-5,000 employees

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“I have experience working with Kubernetes and the Azure AKS product.

“I cannot recall all the key differences and both pros and cons of Amazon EKS compared to Azure AKS because it has been a long time since I used EKS. Currently, I am using Azure, so I cannot compare them at this moment. If you ask me about Azure separately, I can provide insights on it, but comparing both is difficult as I do not remember all the services offered by each platform..”

Shriram Patil
DevOps Engineer at a tech services company with 201-500 employees

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“Regarding the pricing of nodes, I find that it generally offers good value. I'm not certain what the comparative costs look against other platforms, such as OCI from Oracle that is known to offer lower pricing, but it ultimately depends. For example, AWS has recently introduced Graviton-based servers, which claim to be cost-saving, although I haven't used them myself. AWS provides several options, allowing me to choose configurations that suit my needs regarding CPU and memory. While I don't have firm details about enterprise pricing options or upfront reservations that may provide discounts, what I appreciate is the flexibility in selecting from various instance categories to meet specific requirements..”

Gaurav Dixit
Senior Technical Lead at a tech vendor with 1,001-5,000 employees

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ROI

Real user quotes about their ROI:

"We have a big business up and running in Amazon, and we have different AWS accounts: dev, test, and prod. Based on that, there is a root account who is paying the prices for us. The workload and the profit that we are getting, we are satisfied with what it is offering.."

Omer Nazeer
DevOps Engineer at Cloudquik

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"Customers have seen a return on investment with Amazon EKS because they are happy and see value in the services; however, as the volume grows, the OpEx cost also increases, so any respite on OpEx cost for customers with exponentially growing volumes would be helpful.."

Anand Bandi
Co-Founder at Vsigma IT Labs Pvt Ltd

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"I can recommend using it to save costs and for faster deployment, better performance, security, and easy clustering. It's easy to set up, manage, and monitor because when it goes down, it's easy to identify issues. Troubleshooting is straightforward, unlike other applications where you have to do a lot of digging to find the root cause. With this solution, you can see problems directly on your dashboards.."

Verified user

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

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"I see return on investment with Amazon EKS. You can save in terms of time because you can raise up a cluster or more nodes, and you can raise up the storage of the particular node in a few minutes. You don't have to take care of managing the machines directly. There is significant time-saving. You don't have to take care of the rack system because AWS has a team that works that part. You have just to pay. In terms of price saving and money saving, it depends on everything, but in general, you're going to save money.."

AndreaCarella

DevOps Engineer at GFT Group

Read full review

“Considering the pricing of the product, I think it's affordable because it's mostly about EC2 stuff, and the control plane is not too expensive, taking into account what they do behind the scenes. Managing my own stuff in an on-prem environment helps me say that it's quite inexpensive in that aspect. The control plane is cheap, but the pricing of EC2 remains the same. I mostly don't prefer using EKS Fargate - managed containerized environment because it makes the devops team dumber and allows vendor locked in; it prevents me from managing my own infrastructure - scaling and fine tuning of resources' usage. Using margate as Autopilot in GCP and other products makes me more inclined to be locked in since it provides many features without the need to think much, but eventually, that's how the CSP will lock you in..”

Yossi Shmulevitch
Owner at SoftContact

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"I have definitely seen an ROI with Amazon EKS. I developed a tool for cost optimization that can cover all of these, even with better approaches than the cloud itself. The tool I developed uses the native AWS recommendations, so ROIs and any saving plans that can be offered are included within the cost optimization. However, we've added our experience component upon using these resources as well.

"For example, AWS will never tell you that you have to delete a virtual machine or an EC2 instance. However, our report can detect the stopped instances and provide a recommendation for the customer that for cost saving, they can use a backup or snapshot for this machine, and delete it. If they need to restore it, they can do that, or they may have to remove it if they're not using it.."

MarcoFekry
Cloud Consultant & Service Delivery Manager at global brands

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Use Case

“We use Amazon EKS for hosting our policy admin system, and it has its own benefits. The scalability aspect of it is what we considered Amazon EKS for. It is a managed service, so we don't need to take care of the underlying operating system and other things. It was one of the preferred services in AWS which we chose..”

Upendra Kanuru
Cloud DevSecOps Engineer at USAA

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“I use this to develop my products. I use it internally in my company and in the other projects I have been working on for the deployment and managing the services which I'm deploying into the Amazon EKS infrastructure. I have not actually been involved with automated patching, as my role has predominantly been as a developer setting up how we deploy our applications into Kubernetes. That's primarily where I've gained experience, not on the server management side where the patching is done, so I'm not sure how the patching works or what benefits it could offer in that context. However, I can discuss how I manage my CI/CD pipelines, application deployment, and how I use Amazon EKS for deployment. That is the part I have experience with..”

Gaurav Dixit
Senior Technical Lead at a tech vendor with 1,001-5,000 employees

Read full review

"The main reasons for using Amazon EKS in our use were third-party solutions that were distributed as Helm charts. We were using Rancher to manage multi-cloud deployment for unification. We are also using it for evaluation purposes, building customer pilots and prototypes. Sometimes it is easy to make the build chain run through and come out as images and deploy them into Kubernetes.

"It completely depends on use case. If you have got a very dynamic or a requirement to scale very fast with nodes, then Amazon EKS is a very good choice because you have got that reach and the ability to scale quickly. But if you have got a fairly static load, it becomes quite expensive quite quickly. They are expensive CPU cycles.."

David Watson
Technical Expert at a computer software company with 201-500 employees

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"The use case for Amazon EKS is that we have our multiple pods and services running on the particular microservices application, so we have to integrate and auto-scale the Amazon EKS cluster from the Amazon EKS cluster and pod management services.

"If any traffic increases on the application, we have set the load balancer and auto-scaling via the Amazon EKS cluster, the managed cluster.

"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

Read full review

"The main use cases for Amazon EKS included testing some POC concepts to see how Amazon EKS works. Additionally, we can use the Kubernetes service as a VM, and AWS provides Amazon EKS, which allows us to get directly connected nodes and all the VMs without having to provision additional VMs for Amazon EKS. This feature enables us to test how it works easily.

"I have used self-healing nodes with Amazon EKS, and on one occasion, I mistakenly stopped the Amazon EKS cluster. While configuring the PVC on the nodes for the pods, the node went down, and the new pods were in a waiting period because there was no node available for pod scheduling. The automatic healing feature created a new node, as I had set the minimum node size to two. Since one node was unavailable, my pod could not schedule, but the auto healing created the second node automatically, which was the easiest part.."

Shriram Patil
DevOps Engineer at a tech services company with 201-500 employees

Read full review

“I usually work with AWS tools focused on infrastructure deployments, onboarding new customers to the cloud, and offering the best practices across infrastructure, networking, security, monitoring, and availability, discussing high availability solutions and implementing the best practices over these. That's mainly my scope. For the development part, when it comes to services such as functions, Lambda functions and X-Ray and development services, I actually interfere with them in the deployment part and not for the configuration or the development part.

“I've built a tool that can manage all these resources, whether it's on Microsoft Azure or Amazon Web Services or Oracle itself. This tool is efficient when it comes to assessments, assessing the environments for customers, getting the best security practices and measurements across the environment the customer has, having a cost optimization component that can be used to optimize the cloud environment. It covers automated deployments that you use with a user interface, so you don't have to write any code while deploying complex scenarios.

“Regarding my experience with Amazon EKS, I have a complete solution for deployment as well. The tool is really powerful and can be used to do various things. I'm involved in the infrastructure, networking, and deployment part, so deploying these resources is one of my daily responsibilities. I use this tool to deploy all of these.

“The deployment process for Amazon EKS is straightforward; you don't have to do anything basically. You just have to get the right image and the normal operation for Amazon EKS..”

MarcoFekry
Cloud Consultant & Service Delivery Manager at global brands

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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.

My first experience with Amazon EKS was difficult, and I would rate the initial setup as two because it was challenging without prior experience in microservices. However, after the initial setup, my perception improved, and I now rate it as five or six.

Sâmeque Mendes

DevOps Engineer | AWS and Terraform Specialist | Multicloud Experience at a agriculture with 11-50 employees

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"The initial deployment of Amazon EKS was straightforward, although I faced some challenges due to a lack of knowledge about the service. Once you fully understand the service, you won't encounter challenges or problems while deploying the cluster.."

Shriram Patil

DevOps Engineer at a tech services company with 201-500 employees

Read full review

"We did not participate in the deployment and the initial setup of Amazon EKS; we are using it as per our need. We have an AWS service account, so as per our need, we are using those services. For whatever AWS service we have to use, we have a paid service account, and as per our need, we directly use it.."

Sameer Mirza

Read full review

Aws DevOps Engineer at Nova Techset Ltd

"I have worked extensively with Amazon EKS, and I have automation scripts ready. Whenever a new client comes to me, I request them to see my previous portfolio, and I show them my Amazon EKS work and how quickly I can set up their Amazon EKS and run the CI/CD so that their workload can get migrated to Amazon EKS. It is quite easy for me now to advocate for Amazon EKS.."

Omer Nazeer

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DevOps Engineer at Cloudquik

"When I first set up Amazon EKS, I faced challenges because there are different setup methods. Using the console does not align well with DevOps. It is better to use EKS CTL or Terraform's IAC tools. Configuring role permission policies is the most challenging part, ensuring Amazon EKS has access to different services or databases.."

Rock Wang

cloud architect at selfstarter

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"The initial setup for Amazon EKS is not straightforward. Kubernetes is not an easy technology because there are many technologies in the cluster. You need to understand infrastructure code to deploy it and understand all of the requirements alongside it. You cannot simply request deployment of EKS clusters as it does not work that way.

"I would rate the setup for Amazon EKS as a three because I need to have other technologies and other tool sets to make it work. I cannot just go through Amazon's console and request a three-node cluster deployment because that does not work.."

Verified user

System Engineer - EMEA at a comms service provider with 10,001+ employees

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Customer Service and Support

"Regarding technical support from Amazon, I never personally experienced it, but the team I'm handling has faced their support, and they indicated they're quite good, but not on the first level part.."

MarcoFekry
Cloud Consultant & Service Delivery Manager at global brands

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"I have not escalated many questions to AWS support, but I did raise a question regarding the cost because I was not aware of the total pricing for the cluster, which cost me around $100 or $150. I escalated this to AWS support, expressing my confusion about the pricing, and they waived the issue away as it happened by mistake.."

Shriram Patil
DevOps Engineer at a tech services company with 201-500 employees

Read full review

"The support of Amazon EKS for AWS tools integration influences my application development and management process because it is on the AWS side, and the Amazon EKS managed cluster is provided from there. We didn't need to manage etcd and those control management tools; it's totally handled from the AWS side, making it very beneficial. We just monitor and configure all the related services and manage them via the pods and cluster-related aspects, while all the configuration support and configuration-related things via the control plane are directly managed by the AWS side of the services, which is very beneficial for us.."

Sameer Mirza
Aws DevOps Engineer at Nova Techset Ltd

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"My experience with customer service and technical support of AWS for Amazon EKS has been generally positive. Earlier, I was in developer support where the response time was maybe three to four hours after ticket submission, but I was able to resolve most problems with their support. I don't have any complaints.

"I would rate technical support for Amazon EKS at an eight out of ten based on my experience with the developer support.."

Prashanta Paudel
DevOps Engineer at Helvar

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"Regarding technical support, I recall one instance with Amazon EKS. I faced an issue with configuring pods in EKS that required access to other AWS services, such as IAM roles or S3 buckets. The setup was through OIDC providers in EKS, which set up trust relationships with IAM roles. There was a problem with OIDC provider setup a few years back when EKS was newer. I reached out, and I received good support when I submitted a ticket for the issues with the OIDC provider. They helped resolve the issues related to the trust relationship, identifying mistakes that needed fixing.."

Gaurav Dixit
Senior Technical Lead at a tech vendor with 1,001-5,000 employees

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"The support for AWS tools, such as integration, has significantly influenced our management. Considering that we are a big corporate with direct connects with the AEM, solution architect and other people we work with, it's as simple as raising that support request and they will be here. I think we even had the highest level of support we can get from AWS with respect to this.

"I think very highly of Amazon's support team; they are really good, especially considering that we have the highest level of support and their support management team is also involved in calls to give any kind of priority to our requests.."

Upendra Kanuru
Cloud DevSecOps Engineer at USAA

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Other Advice

“In terms of pricing for Amazon EKS, I think it's quite reasonable. If we compare the cost to other providers, with providers such as Oracle, it will be much higher in cost. When comparing it to Microsoft Azure, it seems similar, with some variations. On a scale of one to ten, I rate Amazon EKS a seven out of ten..”

MarcoFekry
Cloud Consultant & Service Delivery Manager at global brands

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“I would recommend Amazon EKS to other people, but it depends on the scenario. Kubernetes for sure, but I suggest going for Amazon EKS if yours is a smaller enterprise. If your load is too high and fluctuating, then it makes sense to try Amazon EKS, learn how Kubernetes works for your organization, and evaluate the cost-benefit analysis. If you are considering it for a longer run, I recommend conducting a cost analysis to see if moving to a local on-prem system could be more beneficial. It truly depends on the case scenario, so it's important to do the cost analysis as well. On a scale of one to ten, I rate Amazon EKS an eight..”

Upendra Kanuru
Cloud DevSecOps Engineer at USAA

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“With the IAM service, we have assigned an IAM policy, IAM user, and policy with limited access for that IAM user as per the needs of the application.

“In my opinion, Amazon EKS is very good. It's very easy to monitor Amazon EKS,

and the highly built architecture will be smoothly running over this Amazon EKS cluster.

“On a scale of 1-10, I rate Amazon EKS a 10..”

Sameer Mirza
Aws DevOps Engineer at Nova Techset Ltd

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“Regarding your organization's social media presence, I inquired about a certificate that I can share on LinkedIn to show that I have participated in this review and reviewed some products.

“I would rate the impact of Amazon EKS on the organization's ability to manage complex workflows as nine or ten out of ten.

“For users evaluating Amazon EKS for their environment, I recommend gaining knowledge first about the service, as it becomes quite easy to use afterward.

“The documentation for Amazon EKS is quite good; I do not see any areas needing improvement in the knowledge base.

“I would rate Amazon EKS as a solution an eight out of ten. I am not completely aware of the service and have not explored all the parts, which may affect my rating. I might be wrong at that part, but I give it an eight due to my self-doubt regarding not using the service in all aspects.

“I decided to go with AWS because during my graduation, we had a course on AWS in our extracurricular activities, which sparked my interest in it. Additionally, during my internship, there was a need for a Kubernetes cluster, which led me to land in the Amazon EKS service..”

Shriram Patil
DevOps Engineer at a tech services company with 201-500 employees

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"The integration of Amazon EKS with IAM is easy; if you have the right policy in place, you can create a role from the policy and then apply it to the application that you are using. It provides a way to use IAM to provision the software and infrastructure portions, as well as integrating application users into AWS IAM, making it very easy to implement if you know how to do it.

"The influence of EKS's integration with other AWS tools on application development and management processes is significant; EKS itself is just the infrastructure. Application development requires the right tools with Amazon EKS, as it only provides a place to deploy things, and not the entire development cycle or management of workstations and servers. You must use something on top of Amazon EKS to fulfill the development cycle or CI/CD pipeline. Once the CI/CD pipeline is developed with Amazon EKS as the deployment platform, it becomes easy for developers to develop and test applications in the cluster.

"I am not exactly sure about the pricing of Amazon EKS, but I think it is priced at the instance level, meaning EKS itself is not that high in price. However, whatever instances are used for Amazon EKS will determine the actual costs, particularly the traffic coming into the cluster.

"Currently, I am not working with any software other than Amazon EKS, but we have plans to utilize some other applications, not just Amazon EKS, involving other services of AWS.

"On a scale of one to ten, I rate Amazon EKS an eight.."

Prashanta Paudel
DevOps Engineer at Helvar

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"The current stuff I am working with has been Kubernetes and building out operational software using Kubernetes. I was actually reviewing Nutanix as an option for some of the stuff I was building out.

"Mainly on-prem, we are doing production work with a number of customers. We support them, we run an operational arm as well. I have been involved in platforming on Kubernetes, but we happily support any variant. We are cloud agnostic. So these distributions, we would use Amazon EKS or AKS, but not for long.

"The driver in Rancher, as long as I do not have anything extremely different or complex, works completely the same whether I am driving the application onto Amazon EKS or onto a local on-prem.

"We have not been using the automated patching. If we were in anger, we do not run the stuff long enough in Amazon EKS at the moment. Really, it is just up in demo and then torn down again. A lot of the stuff is being driven from other automation anyway, more infrastructure as code stuff. So that actually just gets driven completely in there.

"I think that Amazon, every other provider, is adapting to the changes in the market now because the major cloud benefits are now fully saturated. Nobody else is going in for those benefits. They are starting to hit the reality of regulated technologies that are high value cannot be under a single provider. So a single cloud provider is not sufficient to support critical industry anymore. You have to have either multiple cloud or hybrid just to meet regulation in the future. So that constrains some of the flexibility. But the clouds are all working towards more on-prem extension, that sort of thing to make it more feasible.

"I would rate Amazon EKS a six out of ten. I have a particular penchant for not actually overscoring anymore because of the way that people use this stuff. In other words, I consider adequate doing what it says they claim it to do. So that is a five or a six as they did what they said they would do. There is nothing wrong with that. It is what we agreed. I paid for it, they delivered it. I am satisfied.."

David Watson
Technical Expert at a computer software company with 201-500 employees

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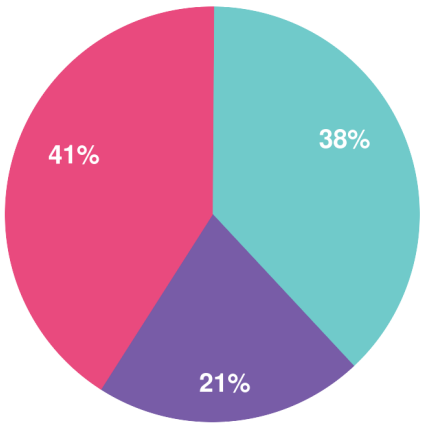
Top Industries

by visitors reading reviews

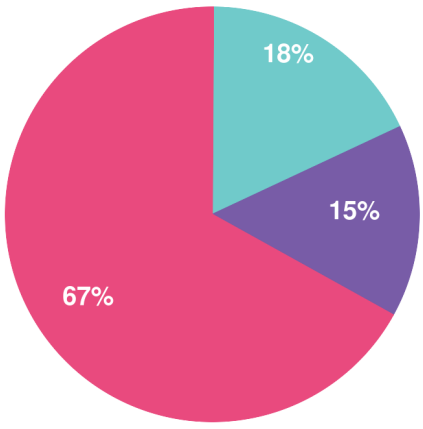
Financial Services Firm	21%
Computer Software Company	11%
Insurance Company	7%
Manufacturing Company	7%

Company Size

by reviewers



by visitors reading reviews



Large Enterprise Midsize Enterprise Small Business

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