

aws marketplace

Gremlin Reliability Management Platform

**Reviews, tips, and
advice from real users**



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Product Recap



Gremlin Reliability Management Platform

Gremlin Reliability Management Platform Recap

Gremlin Reliability Management Platform empowers organizations to proactively identify and mitigate potential failures. It enhances system resilience through controlled chaos engineering, aiding tech teams in delivering reliable services.

Designed for tech-savvy users, Gremlin enables teams to implement chaos engineering effectively to ensure system reliability. It offers precise control over variables, allowing teams to simulate real-world scenarios and fortify system operations. Gremlin plays a strategic role in preventing downtime and maintaining optimal service delivery through a suite of advanced tools tailored for IT infrastructure.

What are the most important features of Gremlin?

- **Attack Library:** Offers diverse failure scenarios for comprehensive testing.
- **Security Control:** Ensures safe execution of tests with access restrictions.
- **Detailed Reporting:** Provides insights into system weaknesses and improvements.
- **API Access:** Facilitates automation and integration with existing systems.

What benefits should users look for in reviews?

- **Increased Uptime:** Improved system availability through proactive testing.
- **Cost Efficiency:** Reduced need for corrective measures post-failure.
- **Team Collaboration:** Enhances coordination among IT and operations teams.
- **Product Reliability:** More robust and reliable service delivery to clients.

In industries such as e-commerce, finance, and healthcare, Gremlin helps maintain service reliability by identifying vulnerabilities before they affect operations. IT teams can simulate stress tests specific to their industry, ensuring systems are resilient against potential threats, enhancing customer satisfaction, and securing business continuity.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “Since using Gremlin Reliability Management Platform, we were able to reduce the incidents by six percent after conducting our limited experiments, and we were also able to increase the uptime from ninety-eight to ninety-nine, which represents a one percent increase in uptime.”



Varun Lellapalli

Senior Software Engineer at a sports company with 10,001+ employees

- ✓ “We are seeing a return on investment from using Gremlin Reliability Management Platform because we are getting less production issues by thirty percent, as I mentioned earlier, making it a great investment.”



Vinaykumar Vishwakarma

DEVOPS specialist at a media company with 10,001+ employees

- ✓ “Using Gremlin Reliability Management Platform has raised more than fifty percent of the reliability of the infrastructure.”



ElenaElena

Dev Ops To Development (IT) at a non-tech company with self employed

- ✓ “Gremlin Reliability Management Platform is amazing with the reliability score, providing built-in Chaos Engineering experiments that you run on your service to receive a reliability score along with insights on the issues and risks present in your service that you can examine and work on.”



Verified user

DevOps & Mlops Engineer at a printing company with 1-10 employees

- ✓ “Gremlin Reliability Management Platform has impacted my organization positively as it helped a lot and reduced our failures, allowing us to find critical pinpoints in our application that had existed for three to ten months and led to too many improvements, reduced downtime, and a smoother experience for our application on AWS.”



Praneel Zaudari

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

- ✓ “The Enterprise Reliability Platform has positively impacted my organization as it has significantly increased the efficiency and reliability of our systems.”



Verified user

Site Reliability Engineer at a tech services company with 10,001+ employees

What users had to say about valuable features:

“The Enterprise Reliability Platform has positively impacted my organization as it has significantly increased the efficiency and reliability of our systems.

“I measured that increase in efficiency, and I can share that the metrics I noticed include latency and the SLOs, error budget, and not burning through the error budgets..”

Verified user

Site Reliability Engineer at a tech services company with 10,001+ employees

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“Gremlin Reliability Management Platform offers flexibility and simpleness of use of the application. Gremlin Reliability Management Platform offers me the ability to flexibly use the templates already for testing Kubernetes and everything, which helps me a lot.

Gremlin Reliability Management Platform has impacted my organization positively as it helped a lot and reduced our failures. We were able to find the pinpoints in our application, and they were the critical ones that existed for three to ten months, but nobody was able to find them. We used Gremlin Reliability Management Platform, and we were able to test the application in that way and find those actual points.

I noticed too many improvements in our application after using Gremlin Reliability Management Platform. The downtime reduced, and we were able to experience our application smoothly, making it a great application that helped us to improve our application which is deployed on AWS..”

Praneel Zaudari

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

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“The best feature that Gremlin Reliability Management Platform offers for me is the prebuilt reliability test; I think that is the best feature along with the automated scheduling. These are the best features that I can mention.

“Gremlin Reliability Management Platform has positively impacted our organization by providing us with more confidence in production. We are more confident about running chaos in production, and related to the prebuilt test, we have some scalability tests, especially regarding the infrastructure side, such as CPU tests, memory tests, or disk tests, as I mentioned earlier. If CPU pushes more than seventy-five percent, we make sure that services scale and behave correctly. If memory moves from the threshold of more than seventy-five percent to eighty percent, then we take action accordingly, and we also conduct some redundancy host tests that I mentioned before. We are more confident about the production environment, and we have significantly reduced our issues in production by thirty percent..”

Vinaykumar Vishwakarma

DEVOPS specialist at a media company with 10,001+ employees

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“The best feature Gremlin Reliability Management Platform offers in my experience is having everything in one dashboard and the ability to perform tests of every kind of infrastructure. The flexibility is one of the main things about Gremlin Reliability Management Platform that I found, and it is really important. It is also important to have the possibility of targeting even specific or wider parts of infrastructure, and it is simple and well-thought-out to isolate things or put it in a more reasonable way.

“Using Gremlin Reliability Management Platform has raised more than fifty percent of the reliability of the infrastructure. I do not own a single infrastructure of my own because I am a freelancer, and so I have many cases of customers, but the percentage of the average improvement is very huge. Mainly, we notice fewer incidents and less downtime. There are really two pathways along: fewer incidents because with Gremlin Reliability Management Platform, we can make every part of the infrastructure more solid, and less downtime because we can test more architectures and then things like how to put in high availability clusters. The impact in clients' environments is really significant, and it is one of the special things..”

ElenaElena

Dev Ops To Development (IT) at a non-tech company with self employed

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“One of my best features of Gremlin Reliability Management Platform is the built-in chaos experiments, which gives you the reliability score of your service.

The built-in chaos experiments and reliability scoring have helped me in my day-to-day work by making it easier to run the experiments directly instead of doing them manually one by one. It allows running scenarios for my web service, for example, and in terms of CPU, it runs the container in terms of Kubernetes from 25% to 75% CPU utilization, giving me more insights about how reliable my system is, making my approach easier for Gremlin Reliability Management Platform and Chaos Engineering.

Game Days can help you take a day with your team to experiment with your services in a production or pre-production environment, allowing you to see how reliable your system is, which is a great feature for the team to deep dive into Chaos Engineering.

Gremlin Reliability Management Platform has positively impacted my organization because we had clients come to us to implement Gremlin Reliability Management Platform as a Chaos Engineering platform for their use cases, which has gained us a lot of potential client opportunities as a consulting company. The reliability scores have improved, as built-in experiments give you the reliability scores, along with insights on risks you have, how you can manage and improve them, which is very helpful. In terms of faster incident response, especially in Kubernetes, if you have one container, Gremlin Reliability Management Platform flags the need for an HPA that will increase your reliability score for the service..”

Verified user

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DevOps & Mlops Engineer at a printing company with 1-10 employees

“The best features of Gremlin Reliability Management Platform are the safe failure injection, which is crucial as we can simulate the failures in a manner that we know these are just dumping tests and not the actual issues. Whether it is the CPU spike or the memory exhaustion, or the network latency, or the server shutdown, server shutdown is one of the most favorite features that I have in Gremlin Reliability Management Platform. The controlled blast radius is another standout feature.

The controlled blast radius feature has helped my team in that we actually wanted to target only one specific container, our Docker containers that we deployed. It helped us to conduct tests in a very specific, isolated manner instead of launching a larger test or focusing on hundreds of servers at a time, resulting in very limited impact. Since ours is a very small team, we do not want to impact other servers. This controlled blast radius helped us to only focus on our servers and not impact any other team.

Gremlin Reliability Management Platform has positively impacted my organization because before Gremlin Reliability Management Platform, we did not even know how to conduct these chaos engineering tests. We heard about it, but we had no idea of how to do something of that nature. If there are ten servers, ten systems in our architecture and if suddenly something goes down, nobody knew what would happen next. We did not even know how to simulate these types of tests. This lack of confidence has been mitigated by using Gremlin Reliability Management Platform. Now we can confidently test and see which system is the most critical. If this goes down, what happens? How much business valuation are we going to impact? How much loss are we going to incur? All of this is now clearly visible and transparent.

Since using Gremlin Reliability Management Platform, we were able to reduce the incidents by six percent after conducting our limited experiments. We were also able to increase the uptime from ninety-eight to ninety-nine, which represents a one percent increase in uptime..”

Varun Lellapalli

Senior Software Engineer at a sports company with 10,001+ employees

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Other Solutions Considered

“I did not use any different solution before Gremlin Reliability Management Platform. That is the only reliability management platform I have used, and it is pretty good..”

Varun Lellapalli

Senior Software Engineer at a sports company with 10,001+ employees

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“I did not evaluate any other platforms before choosing Gremlin Reliability Management Platform; we directly went to Gremlin Reliability Management Platform..”

Varun Lellapalli

Senior Software Engineer at a sports company with 10,001+ employees

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“I found Gremlin Reliability Management Platform and discovered the free learning path, so I dove into it before choosing Gremlin Reliability Management Platform..”

ElenaElena


Dev Ops To Development (IT) at a non-tech company with self employed

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“I have not used a different solution. Gremlin Reliability Management Platform is the first solution I have used. I have used Amazon FIS, but Gremlin Reliability Management Platform was more effective..”

Praneel Zaudari

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

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ROI

Real user quotes about their ROI:

“I cannot share relevant metrics because my customers cover it with an NDA. However, it is not a general impression; the numbers are impressive because, as I said previously, reducing downtime and mainly reducing failures is significant..”

ElenaElena

Dev Ops To Development (IT) at a non-tech company with self employed

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“I have seen a return on investment as it saved time. We were able to find out the errors in two to three days, while they were not able to be found in three to eight months, which is good. It saved a lot of time, and fewer employees were needed. Only two or three people were allocated to Gremlin Reliability Management Platform..”

Praneel Zaudari

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

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“We are seeing a return on investment from using Gremlin Reliability Management Platform because we are getting less production issues by thirty percent, as I mentioned earlier, making it a great investment. Now we are free at least on long weekends, knowing what the issues are, and that is a great thing..”

Vinaykumar Vishwakarma

DEVOPS specialist at a media company with 10,001+ employees

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“I have seen a return on investment since using Gremlin Reliability Management Platform because fewer employees are needed now to conduct more reliable tests. If we needed ten people to do tests once upon a time, now, using Gremlin Reliability Management Platform, we can do it with a fifty percent reduction in employees. Only five people with Gremlin Reliability Management Platform can conduct much more reliable tests..”

Varun Lellapalli

Senior Software Engineer at a sports company with 10,001+ employees

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“I can see a return on investment because we save a lot of time during our Chaos Engineering experiments. We do not need to look at all the day's metrics on Grafana dashboards; we run our chaos experiments in a production environment to see how reliable our product or service is..”

Verified user

DevOps & Mlops Engineer at a printing company with 1-10 employees

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Use Case

“My main use case for Gremlin Reliability Management Platform is to test. We are running a Kubernetes cluster on GCP, and we want to check our clusters, especially node reliability for the HA use case. The way we used to check the Kubernetes cluster is that we have multiple nodes with multiple tags on nodes, and we are deploying different applications on different nodes to ensure that all the nodes are up. We are using Gremlin Reliability Management Platform for chaos engineering to check those nodes in a pre-prod environment. Sometimes, we also check EC2 instances on Amazon..”

Vinaykumar Vishwakarma

DEVOPS specialist at a media company with 10,001+ employees

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“The Enterprise Reliability Platform serves as my main use case for the next question.

“A quick specific example of how I use The Enterprise Reliability Platform to maintain reliability and efficiency is that we have our own internal system to track and maintain the reliability and efficiency..”

Verified user


Site Reliability Engineer at a tech services company with 10,001+ employees

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“My main use case for Gremlin Reliability Management Platform is chaos testing. I take my infrastructure and then I sabotage some things to see how they reach the goal. I try network or infrastructure attacks mainly, and I play every code on Gremlin Reliability Management Platform. Regarding a memorable incident, I found a lot of vulnerabilities in some SMTP servers, and I fixed it with Gremlin Reliability Management Platform. It is interesting because Gremlin Reliability Management Platform is not a penetration tester, but by disrupting other parts of the infrastructure and then running some other tests, it serves this purpose effectively..”

ElenaElena

Dev Ops To Development (IT) at a non-tech company with self employed

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“My main use case for Gremlin Reliability Management Platform is to analyze the failures in AWS. I cannot provide details about how I use Gremlin Reliability Management Platform to analyze periods in AWS as it is not according to company policy, but I have used Gremlin Reliability Management Platform to find and to test the Kubernetes of the application we have deployed on AWS. I do not have anything else to add about my main use case with Gremlin Reliability Management Platform, including how often I run these tests or what kind of results I typically look for. Gremlin Reliability Management Platform is deployed in our organization on the public cloud..”

Praneel Zaudari

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

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“My main use case for Gremlin Reliability Management Platform is the Chaos Engineering part for software. A quick specific example of how I've used Gremlin Reliability Management Platform for Chaos Engineering in my work is with a web service we have, where we need to know the reliability score of it. We conducted chaos experiments with it, including a network experiment, black hole, CPU, and memory experiments, that create chaos for the service, and then we receive a reliability score reflecting the service's reliability, especially in a production environment.

Gremlin Reliability Management Platform is amazing with the reliability score. There is a built-in Chaos Engineering experiment that can help you to provide this to your service. You run it on your service, and then you receive the reliability score from Gremlin Reliability Management Platform, along with insights on the issues and risks present in your service that you can examine and work on..”

Verified user

DevOps & Mlops Engineer at a printing company with 1-10 employees

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“My main use case for Gremlin Reliability Management Platform is that we wanted to do chaos engineering, and in order for us to orchestrate the tests better, Gremlin helped us a lot.

A quick specific example of a chaos engineering test I've run using Gremlin is that one use case that actually helped us was to simulate a CPU spike on one of our servers, because it was harder for us in production to simulate a spike in CPU servers as we need. Gremlin helped us to spike the CPU servers.

I have a lot to add about how I'm using Gremlin Reliability Management Platform, as there were many experiments that have actually helped us. Auto-scaling was one thing that we actually wanted to see how it works. It was difficult for us to experiment and see how different auto-scaling strategies are working based on CPU utilization and whether they will automatically scale down. We wanted to see it live if it is happening because it relates directly and correlates to the costing of our services on the cloud. Using Gremlin Reliability Management Platform, when we launched some CPU spikes and intentionally reduced the utilization of an API, we were able to see the auto-scaling up and down. It helped us save a lot of costs and select the right instances..”

Varun Lellapalli

Senior Software Engineer at a sports company with 10,001+ employees

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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 experience with pricing, setup cost, and licensing is that it was a bit expensive, but most of it is handled by our team. I was not involved in the payment of it, as it was handled by the payments team..”

Varun Lellapalli

Senior Software Engineer at a sports company with 10,001+ employees

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Customer Service and Support

“My interaction with customer support has not been quite often as we never had any requirements where we needed their help. The platform was quite stable..”

Varun Lellapalli

Senior Software Engineer at a sports company with 10,001+ employees

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“The customer support for Gremlin Reliability Management Platform is very good. I would rate the customer support for Gremlin Reliability Management Platform a ten on a scale of one to ten..”

Praneel Zaudari

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

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“When I have questions or run into issues with Gremlin Reliability Management Platform, their support team is helpful and responsive. They resolve our problems quickly and provide assistance through Zoom meetings, which has been very effective in troubleshooting..”

Verified user

DevOps & Mlops Engineer at a printing company with 1-10 employees


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Other Advice

“The main advice I would give to others looking into using Gremlin Reliability Management Platform would be to study it. Do not be shy to fail. Test everything and do lab architectures to test. It is very important to have hands-on experience with tools of this caliber. I would rate this review a nine out of ten..”

ElenaElena

Dev Ops To Development (IT) at a non-tech company with self employed

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“I advise others looking into using Gremlin Reliability Management Platform that it is an application that is more effective than Amazon FIS for those who want to deep dive into their application to find out the actual reasons for downtimes. You can deep dive into the application and check by doing chaos engineering on the application. It has many templates which you can use to test your application with Kubernetes and everything, and it is good. I give this product a rating of ten..”

Praneel Zaudari

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

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“There were a lot of good examples and great documentation for Gremlin Reliability Management Platform, which is something that I appreciate. It helped us a lot.

My advice for others looking into using Gremlin Reliability Management Platform is that in the starting stages, it will take some time to understand its capabilities,

what it can do, and what it cannot do. The learning curve is a bit difficult, but once you understand it, it is a pretty great product to use. I rate Gremlin Reliability Management Platform a nine out of ten because, as I mentioned, the learning curve and the pricing made me reduce that one point..”

Varun Lellapalli

Senior Software Engineer at a sports company with 10,001+ employees

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“I rate Gremlin Reliability Management Platform an eight out of ten. I give it an eight because I want to see improvements on the machine learning side, particularly how it can be integrated with NLP.

“I chose eight out of ten for Gremlin Reliability Management Platform because it is one of the best tools in terms of chaos engineering. It also has ready-made templates, and we are more confident about the production environment, which saves our time, especially during long weekends.

“I advise others looking into using Gremlin Reliability Management Platform to run it for production-grade applications, specifically on Kubernetes, and run production Kubernetes at scale. That is how we are using it for multi-node clusters, multi-zone deployment, and microservices architecture. We can replicate some of the production issues by ensuring that a node is down, allowing us to deploy without issues while maintaining visibility. Reliability score is the main metric for the enterprise solution, and we have standardized tests and a history of tracking trends..”

Vinaykumar Vishwakarma

DEVOPS specialist at a media company with 10,001+ employees

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“I have no answer regarding the best features The Enterprise Reliability Platform offers.

“I would provide no advice to others looking into using The Enterprise Reliability Platform.

“My company does not have a business relationship with this vendor other than being a customer.

“I was not offered a gift card or incentive for this review.

“I do not have any additional thoughts about The Enterprise Reliability Platform before we wrap up.

“I gave this review a rating of 6..”

Verified user

Site Reliability Engineer at a tech services company with 10,001+ employees

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Top Industries

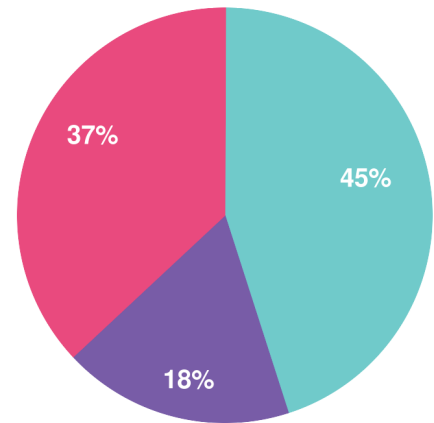
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Company Size

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Large Enterprise Midsize Enterprise Small Business

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