

aws marketplace

Harness

Reviews, tips, and advice from real users



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Product Recap



Harness

Harness Recap

Harness offers a comprehensive toolset for automating deployment processes and enhancing software update efficiency. It's lauded for its CI/CD capabilities, feature flagging, and real-time deployment monitoring. Key features include an intuitive UI, secret management, and robust rollback functionalities, all contributing to improved productivity and reduced errors in DevOps environments.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “By adopting templates and various different pipelines across our own IDP platform, we have saved upwards of 30 to 40% of development time and also reduced risks of failures or error rates by upwards of 70%.”



Manav Kanduri

Technical Associate at ZS

- ✓ “Some of the best features of Harness include powerful CI/CD pipeline automation, intelligent deployment strategies, and building monitoring, and its automation capabilities significantly improve speed and reliability while saving time by reducing manual operational tasks and the number of employees needed for deployments.”



Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

- ✓ “Harness has positively impacted my organization as several teams have already migrated to it, and some are in the process of moving, reducing the dependency on one specific platform and making it faster with shortened build times and much faster deployments.”



Verified user

Vice President at a financial services firm with 10,001+ employees

✓ “Everything in Harness is configured and runs smoothly.”



SAURAB K GANGURDE

Senior AWS Consultant at Quantum Integrators

✓ “The features of Harness are valuable, supporting rolling deployments, basic deployments, and blue-green deployments with zero downtime.”



Ravi Hanok

Senior Software Engineer at a financial services firm with 10,001+ employees

✓ “Harness integrates all functions like execution pipelines, environment checks, and log monitoring in one place.”



Linwei Yuan

Software Engineer at Citi

✓ “Harness starts integrating with organizations, making everything automated without the need for manual interruption.”



NaveenKumar40

DevOps Enginee at LTIMindtree

What users had to say about valuable features:

“Harness integrates all functions like execution pipelines, environment checks, and log monitoring in one place. It is very convenient since we have many microservices, so having one platform for all of them is beneficial. The dashboard allows me to monitor all core services' deployment status in one place, making it easier to find bugs and check logs..”

Linwei Yuan

Software Engineer at Citi

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The features of Harness are valuable, supporting rolling deployments, basic deployments, and blue-green deployments with zero downtime. It offers multiple deployment styles, low timeouts, and clear logs with different views. Harness uses AI to suggest errors in case of deployment failures. It integrates well with HashiCorp Vault, seamlessly managing secrets such as database passwords.

Ravi Hanok

Senior Software Engineer at a financial services firm with 10,001+ employees

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“The best features in Harness are its user-friendliness and setup configuration. While the initial configuration can be difficult to configure the thresholds, check the artifactory, fetch the latest releases from the artifactory, and link everything in Harness, once completed, the configuration for any new application setup becomes easy. A fresher can also use it.

“The main feature is that it asks for approval before proceeding ahead. It requires two approvals, asking 'Are you sure?' We have to manually enter 'approved' and then click on the approve button before it will proceed with the next step. This is important because sometimes, in a hurry, mistakes can be made by clicking approve multiple times, so this confirmation process is beneficial..”

SAURAB K GANGURDE

Senior AWS Consultant at Quantum Integrators

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“Some of the best features of Harness include powerful CI/CD pipeline automation, intelligent deployment strategies, and building monitoring. The platform also supports cloud-native environments and Kubernetes deployments, making pipeline management easier, and its automation capabilities significantly improve speed and reliability.

Harness improved deployment reliability by automating the continuous delivery pipelines and adding building verification checks, so deployments are automated and verified using performance metrics, and the platform also saved time by reducing manual operational tasks.

It has saved time; previously I needed many employees to handle deployments, but now the number of employees has reduced and the speed has increased, which is one of the good benefits..”

Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

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“ Harness offers several best features that I have worked with, including an intelligent caching system for dependencies and artifact building that allows for extremely short build times without extra bash scripting, a pipeline as code visual editor, and Harness Cloud along with small-lived virtual machines that we can run on Kubernetes.

The intelligent caching system has impacted my build times significantly by auto-caching dependencies and allowing smaller ephemeral runs to shorten build times without any need for detailed scripting, which has made a noticeable difference.

I would add that Harness has dedicated support for unit tests based on my experience, and this support is not restricted to only Java-based tests. I have seen support for Java tests, Scala, Ruby, and Kotlin, which helps us prevent flaky test management patterns.

Harness has positively impacted my organization as several teams have already migrated to it, and some are in the process of moving. It has reduced the dependency on one specific platform and has made it faster, with shortened build times and much faster deployments..”

Verified user

Vice President at a financial services firm with 10,001+ employees

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“One of the best features Harness offers is the ability to templatize pipelines. Through template pipelines, we are able to reuse pipelines across different of our internal workstreams, and we are able to utilize various organization-level templates for various common use cases including ServiceNow RITM tickets or infrastructure-provisioning pipelines for Terraform.

Pipeline templatization has been a primary focus of my team, particularly because one of our infrastructure-provisioning requests always has a dependency on Terraform workspaces and GitHub creation. To address that, we resolved the issue by creating an end-to-end child pipeline that is part of our FTP platform. That pipeline is then utilized across all our different workstreams to provision Terraform workspaces and connect with Vault and GitHub IAC, so that we can effectively and reliably create infrastructure as code repositories. That is how we are able to work with templatization.

Harness Pipeline Studio is another feature that stands out. A good visual platform that allows us to see the pipeline end to end in an architectural manner is always helpful..”

Manav Kanduri

Technical Associate at ZS

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Other Solutions Considered

Before moving to Harness, we used Azure deployment. No other solutions were evaluated as our company, Wells Fargo, opted for enterprise support from Harness.

Ravi Hanok

Senior Software Engineer at a financial services firm with 10,001+ employees

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“It has different modules, and the working principle is quite different. We cannot compare as Harness is totally the continuous delivery tool, and Git is for the developer side..”

SAURAB K GANGURDE

Senior AWS Consultant at Quantum Integrators

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Previously, we used Azure deployment and UrbanCode Deploy (UCD). We switched to Harness because it supports rolling deploy pipelines with zero downtime, unlike UCD, which required downtime for deployment.

Ravi Hanok

Senior Software Engineer at a financial services firm with 10,001+ employees

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“In our organization, the only other option that we really evaluated was Argo CD. We did not go for Argo CD primarily because it was already open-source, and while using it, it felt more catered specifically toward Kubernetes, which was great. Our use cases are varied because we work with different domains such as AI and data engineering. We are dealing with a heterogeneous set of architecture, and while Argo CD did integrate nicely with Kubernetes-based deployments, it lacks severely in those other areas where Harness shines..”

Manav Kanduri

Technical Associate at ZS

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“The decision to use Harness was primarily driven by its secure support for Kubernetes services and user-friendly deployment process, which requires minimal knowledge. The company sought to simplify and reduce the complexity and risks associated with deployment processes. Opting for a SaaS solution allowed them to avoid managing infrastructure and pay on a per-usage basis, providing scalability without the burden of infrastructure management. Additionally, Harness offers features such as log collection, integration with cloud storage services like S3, and auto-healing capabilities..”

Misbah Mohammed Kollathodi

Engineering Technical Leader - SRE (Cloud/Kubernetes-Security) at Cisco

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“In my organization, we were and are still using GitHub Actions. GitHub Actions is the primarily CI/CD tool that we use, particularly because it comes with direct integration with our enterprise GitHub setup, and it is a natural tool that a lot of developers are familiar with in today's time. The reason why we shifted to Harness from GitHub Actions for a few of our edge use cases or newer use cases was because of pipeline templatization, a studio visual code development experience, as well as easy integration with other pipelines and templates that have been developed throughout the organization..”

Manav Kanduri

Technical Associate at ZS

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ROI

Real user quotes about their ROI:

“ I cannot provide data on how much time has been reduced, but I believe the efficiency improvement is more than a twenty to thirty percent increase compared to Jenkins..”

Verified user

Vice President at a financial services firm with 10,001+ employees

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“By adopting templates and various different pipelines across our own IDP platform, we have saved upwards of 30 to 40% of development time and also reduced risks of failures or error rates by upwards of 70%..”

Manav Kanduri

Technical Associate at ZS

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Use Case

“I used Harness for CICD, and it served as the release platform that our team used for Java applications. We do Java microservices, and we used it to deploy them..”

Linwei Yuan

Software Engineer at Citi

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Our primary use case for Harness is as a deployment tool. Although I am not a DevOps engineer, my team uses Harness for deployment purposes, handling configurations and onboarding applications to the Harness platform.

Ravi Hanok

Senior Software Engineer at a financial services firm with 10,001+ employees

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“Harness automates the CI/CD pipelines and manages applications deployments across different environments like staging, development, and production. I use it to monitor the deployments and ensure stability, so when developers push new code to the repository, Harness automatically triggers the CI pipeline, builds the application, runs tests, and prepares the deployment packages. After validation, the CD pipeline deploys the applications to the cloud environment, automating the workflow and helping us deliver faster..”

Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

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“ Harness helps us build a pipeline with containerized steps that isolates virtual machines, reduces DevOps-based drifts, and improves our process by integrating several security testing-related steps in the pipeline. Beyond that, it helps us remain regulatory and compliance adherent.

A specific example of how I use Harness for security testing or compliance in my pipeline involves the audits and certifications that our institution undergoes, such as SOC 2 and SOC 2 Type 2 certifications, as well as ISO 20001 certification needed for regulatory compliance in certain specific geographies where we operate. Harness comes in because it is compliant with these international regulations, and other larger institutions also use Harness for the same reason..”

Verified user

Vice President at a financial services firm with 10,001+ employees

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“Harness has been implemented in our organization for one of our clients for approximately 8 to 10 months. Harness is particularly utilized for our infrastructure provisioning pipelines and our RITM ServiceNow requests.

With Harness CI/CD, one of our main use cases is using it as an infrastructure-provisioning pipeline. Harness allows us to have an end-to-end infrastructure pipeline, which connects our DevOps and our ServiceNow for governance and our custom portal, which we call an infrastructure-provisioning portal, and a central backend database through which we are able to provide a heterogeneous mixture of different resources including AWS, Databricks, Vault, IDMC, and GitHub repositories. Through this, we use Harness as the main platform where we are able to provision and manage all the pipeline executions as well as our requests that we receive for infrastructure provisioning.

Our team primarily interacts with Harness using their Pipeline Studio. That is one of our finest use cases, and currently, we are also looking forward to integrating Harness or working within Harness so that we can do more pipeline-as-code type development..”

Manav Kanduri

Technical Associate at ZS

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“In Harness, we are basically using Canary type deployments. We have applications, web applications, and web servers. Whenever we get the WAR file with 50 servers in a load balancer, Harness will deploy on the first server by automatically taking it out from the load balancer, deploying the latest JAR file, testing it at the back end, and giving us the result. Then our developer will test it from their end, and if both results are satisfying, they will run the test cases.

“If both results are satisfying, then we proceed with the first half. The first server that is deployed will move back to the load balancer, and servers two through twenty-five will come out of it, deploy, test, and go back. It is all automatic. We just need to click proceed. Everything in Harness is configured and runs smoothly.

“For CI/CD automation, I am using Harness only for continuous delivery, not the CI part. Harness takes care of maintaining compliance with security measures. We have dedicated IAM in AWS, with secrets and access. Harness itself will be in our private network, and we have dedicated user ID and credentials for each user.

“For deployment, we are using Git for different projects. Through Git Bash, whatever changes we make locally, we push them to our Bitbucket. We have configured Git with the Bitbucket repository, and through Bitbucket, we try to merge everything. Once merged, the Jenkins pipeline gets triggered automatically. We check the Jenkins pipeline output to see whether the application is deployed successfully. We are also using Jenkins with Harness..”

SAURAB K GANGURDE

Senior AWS Consultant at Quantum Integrators

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Customer Service and Support

“ We have a direct line of enterprise support from Harness, and we have not faced any customer support issues, with tickets resolved in less than a four-day SLA..”

Verified user

Vice President at a financial services firm with 10,001+ employees

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“Although I have not directly interacted with customer support, we have been receiving incident reports whenever an incident occurs on Harness, and they are usually quick to respond, which is always an advantage..”

Manav Kanduri

Technical Associate at ZS

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“We have rarely faced issues with Harness tech support. When we encountered one issue where the pipelines were unable to trigger, they notified us that there was some downtime and they were working to fix it. During their downtime, we do not schedule any deployments..”

SAURAB K GANGURDE

Senior AWS Consultant at Quantum Integrators

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Other Advice

I rate Harness eight out of ten. Users should consider the need for deploying multiple components to multiple environments and the potential issues when doing so.

Ravi Hanok

Senior Software Engineer at a financial services firm with 10,001+ employees

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“I would recommend Harness as it's better than uDeploy in terms of ease of use and functionality. It supports multiple pipelines, multiple environments, different service configurations, and has a user-friendly dashboard.

I's rate the solution eight out of ten. .”

Linwei Yuan

Software Engineer at Citi

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“ My advice for others looking into using Harness is to perform a trade-off analysis between GitHub Actions, GitHub CI, [CircleCI](#), and conduct a cost analysis. Harness is still new to the market and is cheaper, but Jenkins is completely open source and requires hosting, while Harness provides enterprise support for us to work with. Pros and cons need to be evaluated before adopting Harness. I am very happy with my current usage of Harness and would rate this review an eight out of ten..”

Verified user

Vice President at a financial services firm with 10,001+ employees

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“For others looking to use Harness, they should first evaluate their own organization to determine if Harness really solves all their use cases. Harness is somewhat use-case dependent, meaning while it definitely lacks in pipeline as code, it is still able to provide a pipeline-based studio, which is something that is unique to the platform itself. It could be a great performance booster for teams that are working heavily with other aspects of the application stack and not focused completely on pipelines. My overall rating of Harness is 6 out of 10..”

Manav Kanduri

Technical Associate at ZS

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“I appreciate that Harness provides good visibility into pipeline execution and deployment status, and I appreciate how it simplifies the complex CI/CD workflows. Its automation features help reduce human errors during releases.


The pricing is good, but it can be reduced if there is a bigger team, and it should have a good plan.

Using Harness, I now need fewer employees.

Harness is good to use; I have to look after the deployments as well. I give this review a rating of 9..”

Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

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“I am working with the cloud version with AWS and Harness.

“I would recommend Harness as a solution to others if they are using infrastructure where load balancers and target groups are in the picture. Harness is very reliable. We can also deploy [Kubernetes](#) applications to Harness itself. In [Kubernetes](#), compared to [EC2](#), whenever we deploy the latest JAR file on [EC2](#), we have to reboot the server for the latest change to get updated. In Kubernetes, whenever we deploy, we have to delete the pods, and new pods will come into picture with the latest update.

“Harness takes care of it; whenever we deploy Kubernetes-based microservices applications, it will terminate the pods and spin up new pods with the latest version. The same Canary process is followed.

“For my requirement, I am satisfied with what they are providing us in terms of features functionality. I rate Harness 9 out of 10..”

SAURAB K GANGURDE

Senior AWS Consultant at Quantum Integrators

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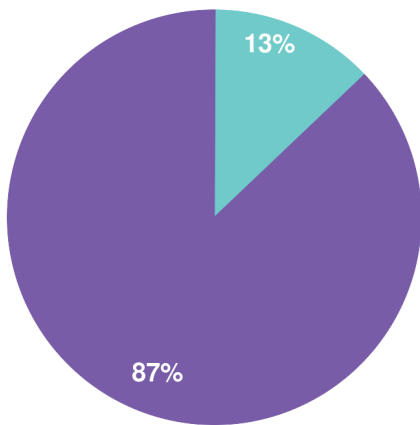
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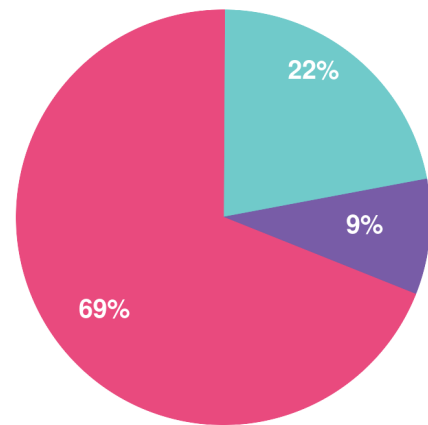
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