

Continuous delivery. Simplified.

Product overview

Harness is a Continuous Delivery-as-a-Service platform designed to provide a simple, safe and secure way for engineering and DevOps teams to release applications into production. Harness uses machine learning to detect the quality of deployments and automatically roll back failed ones, saving time and reducing the need for custom scripting and manual oversight.

Product features

Pipeline builder

Instead of taking hours to build pipelines, enable your team to build and execute complete continuous delivery pipelines in minutes with serial or parallel workflows across their applications, services, and environments.

Workflow wizard

Complex deployments become simple. Enable your team to rapidly build deployment workflows with out-of-the-box support for canary deployments, blue/green deployments using cloud technologies such as Amazon EC2, AWS Lambda, Docker and Kubernetes.

Continuous verification

How do you know a deployment was successful? Leverage unsupervised machine learning to automatically verify application deployments in production, detecting performance and quality regressions from tools such as AppDynamics, New Relic, Splunk, Elastic and Sumo Logic. Furthermore, our 24x7 ServiceGuard feature monitors the performance of your release indefinitely.

Automated rollback

Don't waste painful hours trying to roll back a failed deployment. Let Harness do it in minutes. We automate rollback to the last working artifact version and run-time configuration with no required scripting or code. The result? Reduce your Mean-Time-To-Restore (MTTR) by up to 95%.

Secrets management

Use the Harness SecretStore or our HashiCorp Vault integration to seamlessly reference your secrets across all your deployment workflows and pipelines.

Audit trails

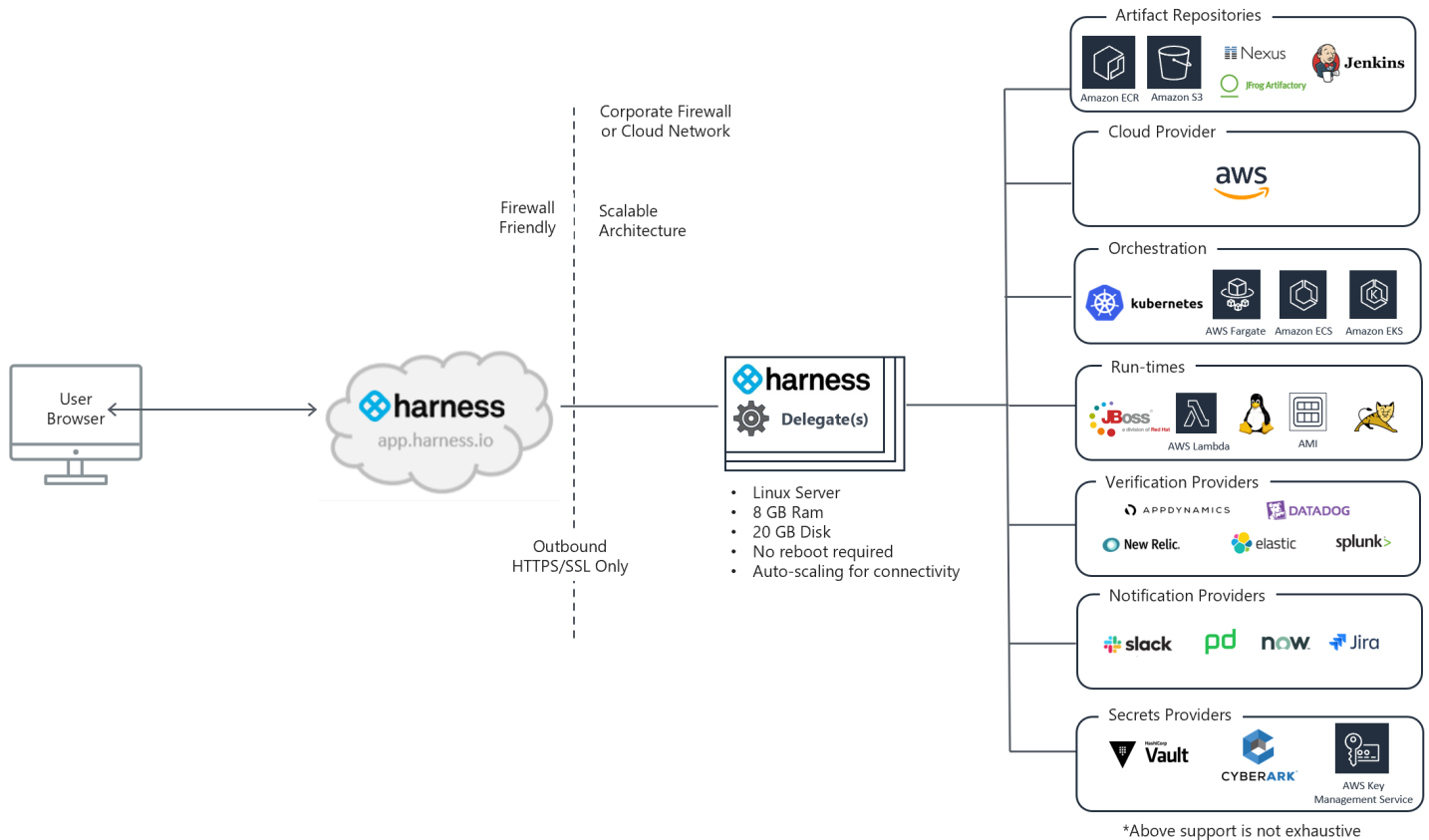
Keep a full audit trail of every deployment, so you know the who, what, where and when behind every action.

Real-time delivery analytics

Provide your DevOps and team leads with powerful insight into every application, environment, version and deployment. Teams can debug deployments in seconds.

How it works

Harness uses machine learning to detect the quality of deployments and automatically roll back failed ones, saving time and reducing the need for custom scripting and manual oversight.



How is Harness CD unique?

- It's CD as-a-Service without scripts, plugins, or version dependencies.
- Harness Continuous Insights allows engineering leaders to report Mean-Time-To-Restore (MTTR), Lead Time, Change Failure Rate, Deployment Frequency, and more.
- From SAML to OAuth and everything in between, Harness can support your authentication mechanisms.

Solution available in [AWS Marketplace](#)