



HashiCorp strengthens its cloud platform to boost developers and platform teams with further workflow automation and lifecycle management

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New releases span infrastructure and security with capabilities for end-to-end automation, generative AI, validation and testing, and cost optimization.

SAN FRANCISCO, Oct. 11, 2023 (GLOBE NEWSWIRE) -- HashiCorp, Inc. (NASDAQ: HCP), a leading provider of multi-cloud infrastructure automation software, today announced at [HashiConf](#), its flagship user conference, product updates across the HashiCorp Cloud Platform (HCP). Announcements are focused on enhancements to workflow automation for developers and infrastructure and security lifecycle management for cloud platform teams. Key announcements include AI-generated tests for HashiCorp Terraform Cloud, the debut of HCP Vault Radar, HCP Vault Secrets, HCP Consul Central, and HCP Waypoint templates.

For organizations adopting the cloud, platform teams have emerged to help standardize the interface between developers and the cloud, minimize manual tasks with automation and AI, and enable developers with workflow integrations needed to quickly and securely deploy applications.

Infrastructure workflow automation and lifecycle management

HashiCorp Terraform is the de facto standard for infrastructure as code. Terraform has been downloaded by the community hundreds of millions of times, has thousands of enterprise customers, hundreds of thousands of users on Terraform Cloud, and hundreds of partners and integrations.

HashiCorp released multiple new capabilities in its infrastructure portfolio for HashiCorp Terraform and Packer, which handle infrastructure as code provisioning and management.

- **Terraform native test framework and Terraform Cloud test-integrated module publishing:** Automates unit and integration testing of Terraform code; provides an integrated workflow to publish modules to the private registry.
- **Terraform Cloud AI-generated tests:** Large language models (LLMs) generate tests for a module on behalf of the user, allowing module authors to start writing tests quickly.
- **Terraform stacks*:** Major enhancement to the Terraform execution engine that enables complex deployments across multiple environments across modular infrastructure components.
- **Terraform enhanced editor validation:** Automatically validates Terraform code by developers' code sources, including copying/pasting from AI tooling or using IDE-integrated tools like GitHub Copilot or Amazon CodeWhisperer.
- **Terraform Cloud ephemeral workspaces:** Helps manage the cleanup of unused resources accumulated over time to optimize cloud costs. Also available in Terraform Enterprise.
- **HCP Packer run task:** Quickly check image compliance with precise results and remediation guidance enhanced for Terraform Cloud.
- **HCP Packer webhooks:** Easily embed Packer into your existing automation pipelines and enforce additional policy and compliance checks.

Security workflow automation and lifecycle management

HashiCorp also made multiple announcements in its security portfolio for HashiCorp Vault, Boundary, and Consul, which provide identity-based controls for security across secrets management, secure remote access, and service networking.

- **HCP Vault Secrets:** A SaaS offering for identity-based secrets management designed for organizations that want to quickly get started managing their secrets with minimal overhead and cost, now generally available.
- **HCP Vault Secrets sync:** Centralizes secrets management while allowing developers to consume secrets within the applications they use every day. Also available in Vault Enterprise.
- **HCP Vault Radar:** Scan, identify, and remediate secrets inadvertently stored in source code, development environments, internal wikis, chat services, and ticketing systems. In private

preview with select customers.

- **Boundary Enhanced UX:** Streamline target connection workflow by working directly from Boundary desktop terminal when establishing a new SSH session without navigating to other CLI-based tools.
- **HCP Consul locality-aware routing:** Automatic traffic routing for services to local instances within the same availability zone to minimize latency and networking costs while boosting efficiency.
- **HCP Consul Central:** Provide global visibility and management of clusters and services, including multi-cluster deployment, server health monitoring, service-level observability, cluster peering, and a global API and catalog to enable self-service portals.

Paving the way for internal developer platforms

Many developers use ad hoc tooling without proper integration to connect them with standardized infrastructure and security workflows or are slowed down by the burden of learning cloud-specific tools, SDKs, and APIs.

On stage at HashiConf, HashiCorp will demonstrate how the future of developer workflows integrates with Terraform Cloud and HCP Vault using HCP Waypoint, providing a way for platform teams to define a “golden path” as a template for developers to deploy their applications, while abstracting the job-specific details of provisioning and secrets management.

“As I speak with organizations across the globe, I continue to hear that their biggest challenge is making the cloud accessible to their developers in a secure, cost-effective, and simple way,” said Armon Dadgar, Co-Founder and CTO, HashiCorp. “Today’s announcements are about offering developer-driven workflows that are well integrated with the HashiCorp Cloud Platform. Our goal is to enable developers by removing complexity, while enabling platform teams to put controls in place to manage risk and cost. We are helping teams deliver secure, self-service infrastructure for those developers through an integrated platform.”

Supporting Materials

Blog: [Infrastructure and security releases open HashiConf](#)

Blog: [New Terraform testing and UX features reduce toil, errors, and costs](#)

Blog: [Two billion downloads of Terraform AWS Provider shows value of IaC for infrastructure management](#)

Blog: [New HCP Vault Secrets, Radar, and other features fight secrets sprawl](#)

Blog: [HCP Vault Secrets is now generally available](#)

Blog: [Waypoint: A new vision for HCP Waypoint](#)

Blog: [Announcing Boundary Desktop embedded terminal, LDAP support, and more](#)

Blog: [Announcing Consul 1.17 beta and HCP Consul Central](#)

Blog: [HCP Packer now supports webhooks and streamlined run task reviews](#)

About HashiConf

HashiConf is HashiCorp’s global user conference, taking place Oct. 10-12, 2023 in San Francisco and virtually. HashiConf expects 1,500 attendees in person and 10,000 attendees virtually. The conference has tracks dedicated to practitioner and technical leader audiences, with sessions from the HashiCorp research and development team focused on product deep dives and roadmap sessions, as well as more than 30 customer speakers, including BlackRock, the California Department of Health Care Services, The Home Depot, Epic Games, EQ Bank, Indeed, PagerDuty, Unity, and Wayfair. In-person attendees are able to visit the HashiCorp Learn Labs for hand-on modules on new product capabilities, become a certified HashiCorp Cloud Engineer for Terraform, Vault, or Consul, and visit the HashiCorp Zone to speak with technical experts as well as HashiConf sponsors.

HashiConf is sponsored by AWS, Microsoft Azure, Abbey, Akamai, Arctiq, Atyeti, CDW, Coder, Datadog, DNSimple, Effectual, FluxNinja, Google Cloud, Intel, MongoDB, ngrok, Palo Alto Networks, Rafay, River Point Technology, Securosys, Snyk, Tenable, Venafi, and Zscaler.

To register for a free virtual pass to HashiConf — with access to a dedicated platform to view the live streamed keynotes, educational content, and live chat with online attendees, as well as access to all virtual sessions on demand after the event, visit the conference website: <https://hashiconf.com/2023/>

About HashiCorp

HashiCorp is a leader in multi-cloud infrastructure automation software. The HashiCorp software suite enables organizations to adopt consistent workflows and create a system of record for automating the cloud: infrastructure provisioning, security, networking, and application deployment. HashiCorp’s portfolio of products includes Vagrant™, Packer™, Terraform®, Vault™, Consul®, Nomad™, Boundary™, and Waypoint™. HashiCorp offers free community source-available products, enterprise products, and managed cloud services. The company is headquartered in San Francisco, though most HashiCorp employees work remotely, strategically distributed around the globe. For more information visit hashicorp.com.

*U.S. and foreign patents pending

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