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Rotated vs. dynamic secrets: When to use each

1 message

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HashiBits

Welcome to HashiBits, our monthly newsletter with the latest and most relevant news about HashiCorp's products and community.

HashiTalks 2025 is happening February 20-21. Have a story you'd like to share? [Submit your talk idea](#) for this 24-hour virtual knowledge-sharing event.



FROM THE HASHICORP COMMUNITY

Terraform Stacks with AWS and Azure – See examples of Terraform Stacks code in action for both [Microsoft Azure](#) and [AWS](#) infrastructure. *by MATTIAS FJELLSTRÖM*

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Datadog's State of Cloud Security report – Read the latest findings from Datadog's new State of Cloud Security report and see why long-lived credentials continue to be at the top of the risk list. *by DATADOG*

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[Are you missing an AWS resource in Terraform? Try the awsgcc provider.](#) – If you're running into unsupported AWS resources when trying to build infrastructure with Terraform, try using the awsgcc provider alongside the core Terraform AWS provider. This blog shows how you can use them both in the same deployments.

by ANDREAS WITTIG

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[Terraform Stacks — Parts 1 & 2](#) – Read this multi-blog exploration into Terraform Stacks. Start with an [introduction](#) and then read about [deferred changes](#). *by MIKE*

GUY

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[Interpreting Terraform plan outputs with the help of an LLM](#) – One easy AI addition to your provisioning workflow could be using a large-language model (LLM) to quickly interpret or summarize a Terraform plan. See how you can set this utility up by reading this tutorial. *by KEVIN ALEXIS*

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[Video tutorial playlist: HashiCorp Vault secrets engines](#) – Watch these quick demos for an introduction to different HashiCorp Vault secrets engines, including AWS, TOTP, MySQL, and more. *by SZABÓ DÁNIEL ERNŐ*

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[Armon Dadgar, HashiCorp Co-Founder, on AI-native DevOps](#) – In this Tessa podcast, HashiCorp Co-Founder Armon Dadgar explains how AI could change the way we manage infrastructure lifecycles — and why "80% of the value is in codifying 20% of the assumptions." *by GUY PODJARNY*

HashiCorp @ AWS re:Invent 2024

Will we see you at AWS re:Invent? [Stop by booth 1112](#) for interactive demos, expert-led sessions, and limited-edition swag. Or [meet us at HashiCorp HQ](#) for social events and conversations about your cloud journey. [Read our full preview](#) on the blog.



FROM HASHICORP

Terraform Stacks, explained – Updated for the public beta launch at HashiConf, this blog provides the definitive introduction to Terraform Stacks: a new way to manage dependencies and deploy complex workloads in a condensed number of configurations and commands. *by SARAH HERNANDEZ and YUSHUO HUANG*
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Rotated vs. dynamic secrets: Which should you use? – What is the difference between auto-rotated and dynamic secrets? Get the answer and find out the best use cases for each in this blog. *by DAVID MILLS*
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Secure remote access to private HTTPS targets with HashiCorp Boundary — With transparent sessions, Boundary can remove VPNs from your environment, along with the associated risk, complexity, and cost. Learn how to set it up in this blog. *by DANNY KNIGHTS*
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Enhancing Azure deployments with AzureRM and AzAPI Terraform providers – Discover the key differences between AzureRM and AzAPI, and when to use each for your cloud deployments. *by MIKE DOHENY*
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HCP expands service principals access options and role assignments – Project service principals in the HashiCorp Cloud Platform (HCP) can now access other projects and use fine-grained roles. Try it out in your HCP products now. *by RITA OSI and TREVOR POWELL*
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Integrating Azure DevOps pipelines with HashiCorp Vault – Azure DevOps pipelines can now use WIF platform identity and use it to access HashiCorp Vault secret data. See how the integration process works. *by BEN HOLMES*
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Configuring Vault as an identity provider – It's risky and expensive to try and roll your own IdP. HashiCorp Vault can act as an OIDC identity provider — here's how to set it up. *by ROB BARNES*

Case study | Streamlining secrets management at Canva with HashiCorp Vault

See Vault's impact at Canva, including an 87.5% reduction in processes around secret provisioning.



ATTEND A WEBINAR

[An introduction to secrets management with Vault](#)

November 14, 26, 28 — During this webinar, product experts will walk you through how to set up your own Vault instance and tackle the most common secrets management use cases.

[Securing MongoDB Atlas with HCP Vault Secrets](#)

Tuesday, December 10 — Join this webinar to learn how to secure your MongoDB Atlas deployment with HashiCorp Vault, centralize password management, and automate credential rotation to enhance data protection and streamline access management.

[Cloud DevSecOps with HCP Terraform, Prisma Cloud, and AWS](#)

Wednesday, December 11 — Join this hands-on workshop to learn how to enhance cloud security efficiency, reduce risk with automated IaC scanning, and streamline DevSecOps workflows to safeguard your applications and infrastructure.



EVENTS

HashiTalks: Japan

Thursday, November 14 — Sign up for this free, virtual event for the Japanese-speaking HashiCorp community.

HashiTalks: India

Thursday, November 21 — Join the HashiCorp community in India for this free, virtual event focused on geographically specific use cases.

AWS re:Invent 2024

December 2 - 6 — Come see us at re:Invent. [Stop by booth 1112](#) for interactive demos, expert-led sessions, and limited-edition swag. Or [meet us at HashiCorp HQ](#) for social events and conversations about your cloud journey. [Read our full preview](#) on the blog.

We're hiring

[We have positions to fill across many departments.](#) HashiCorp is remote-friendly and hiring for many open positions worldwide. We've been certified by the *Great Place to Work* Trust Index survey and are ranked among the *Best Workplaces* for parents, millennials, and women.

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