accurics + HashiCorp Terraform

Solution Brief

About Accurics

Accurics™ enables cyber resilience through self-healing as organizations embrace cloud native infrastructure. The Accurics platform self-heals infrastructure by codifying security throughout the development lifecycle. It programmatically detects and resolves risks across Infrastructure as Code before infrastructure is provisioned, and maintains the posture in runtime by programmatically mitigating risks from changes.

About HashiCorp

HashiCorp is the leader in multi-cloud infrastructure automation software. The HashiCorp software suite enables organizations to adopt consistent workflows to provision, secure, connect, and run any infrastructure for any application. HashiCorp open source tools Vagrant™, Packer™, Terraform®, Vault™, Consul®, and Nomad™ are downloaded tens of millions of times each year and are broadly adopted by the Global 2000. Enterprise versions of these products enhance the open source tools with features that promote collaboration, operations, governance, and multi-datacenter functionality.

Integration Summary

Accurics enables teams to codify security policy for automated enforcement and remediation in their development workflow. For HashiCorp Terraform users, it has never been easier to establish compliance and security guardrails in the development process that ensures infrastructure is secure before it is deployed.

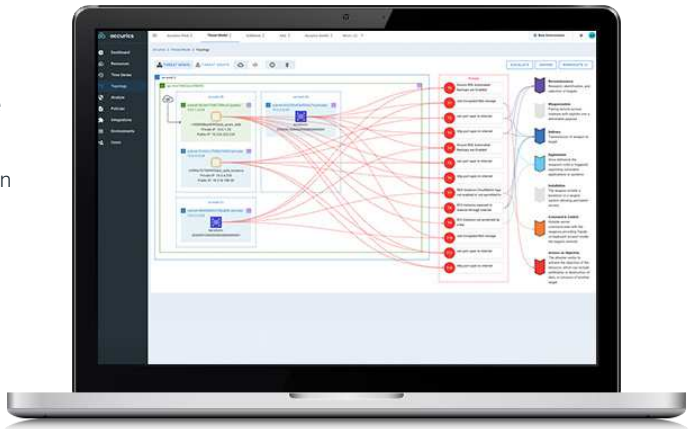
CIS Benchmarks™ GDPR AICPA SOC 2 HIPAA COMPLIANT PCI NYDFS

Codify Policy Checks

Provisioning and managing cloud infrastructure as code provides a unique opportunity to implement compliance and security guardrails early in the development lifecycle. Accurics supports more than 1500 policies across popular standards such as CIS Benchmarks, PCI DSS, SOC2, and AWS Security Best Practices so that you can embed policy as code (PaC) for Terraform into your development pipelines.

Identify Potential Breach Paths

While it is important to ensure all compliance and security best practices are observed, it is critical to prioritize resolution of risks that create potential exposures. Accurics generates a real-time topology of your infrastructure from your Terraform code and builds threat models that surface potential breach paths so you can prioritize resolution of exposed risks.



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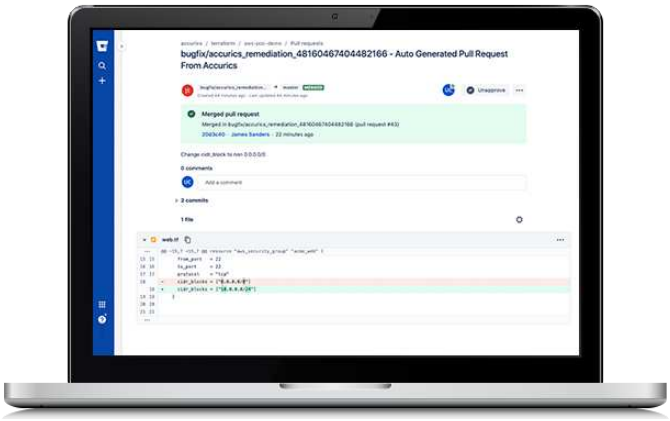
Programmatically Resolve Risks

Programmatically detecting policy violations and potential breach paths across constantly changing Infrastructure as Code runs the risk of creating alert fatigue. When an issue is detected, Accurics automatically creates a pull request that contains the code to resolve the issue so that developers can quickly review and merge the fix. Optionally, Accurics can self-heal risky code during the build and deploy phase to ensure that issues are automatically mitigated before infrastructure is provisioned.



HashiCorp Terraform

Works with All HashiCorp Terraform Editions

Open Source

Perform static code analysis on Terraform using a library of more than 500 policies such as the CIS benchmark using Terrascan or Accurics free offerings, or leverage Accurics commercial offerings for a deeper scan including detection of higher severity risks such as breach paths. Quickly eliminate risk by reviewing and merging automatically generated pull requests that contain the code to fix issues.

Cloud & Enterprise

Leverage 1500+ policies in Accurics commercial offerings to perform deep scans in Terraform Cloud and Terraform Enterprise. The platform integrates with Sentinel policy as code workflows to ensure security is seamlessly embedded into your Terraform runs.

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For more information

Accurics:
https://www.accurics.com/

Terrascan:
https://www.accurics.com/products/terrascan

Accurics for Terraform:
https://www.accurics.com/integrations/terraform

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