mend.io

Infrastructure as Code

Secure your cloud environment

With the shift of applications to cloud environments and organizations heavily relying on cloud service providers, provisioning infrastructure has shifted from the IT team to developer and DevOps teams. Infrastructure as code (IaC) introduces a code-first approach that supports building and terminating cloud infrastructure components via cloud specification templates. IaC enables teams to efficiently automate environment provisioning at the speed required to get business done.

While IaC boosts efficiency, it can also amplify mistakes. By moving so quickly, a minor mistake by a DevOps admin at the template level can be propagated across the entire cloud infrastructure.

Infrastructure as Code Security

Organizations need to bridge the gap between security, DevOps, and developer teams by providing the tools and guidelines to automatically scan their code for misconfigurations. They also need to provide mitigation guidelines that remediate discovered issues without disrupting workflows.
At the same time, security teams must prevent any vulnerabilities from reaching production branches.

Mend Infrastructure as Code helps organizations secure IaC templates and checks for security issues, compliance violations, and other misconfigurations. Developers can detect, track, and fix the misconfigurations as part of their normal workflow without leaving their code repositories to view results or set up a separate workflow to scan. This gives SecOps admins confidence in the security of infrastructure built and operated by DevOps.

Key Capabilities

Protect Your Production Environment

- Prevent insecure default configurations that could expose the entire organization with broad coverage of common IaC templates.
- Automate IaC security to prevent human error and reduce cloud-based threats.
- Detect issues before they reach production environments.

Provide Security for the Cloud, Containers, and Kubernetes

- Ensure your Kubernetes manifests and dockerfiles are configured according to SecOps guidelines to harden your clusters and container images.
- Secure Terraform, AWS CloudFormation IaC, and more in development.

Key Benefits

Detect IaC template misconfigurations before they are deployed and alert on any IaC policy violations

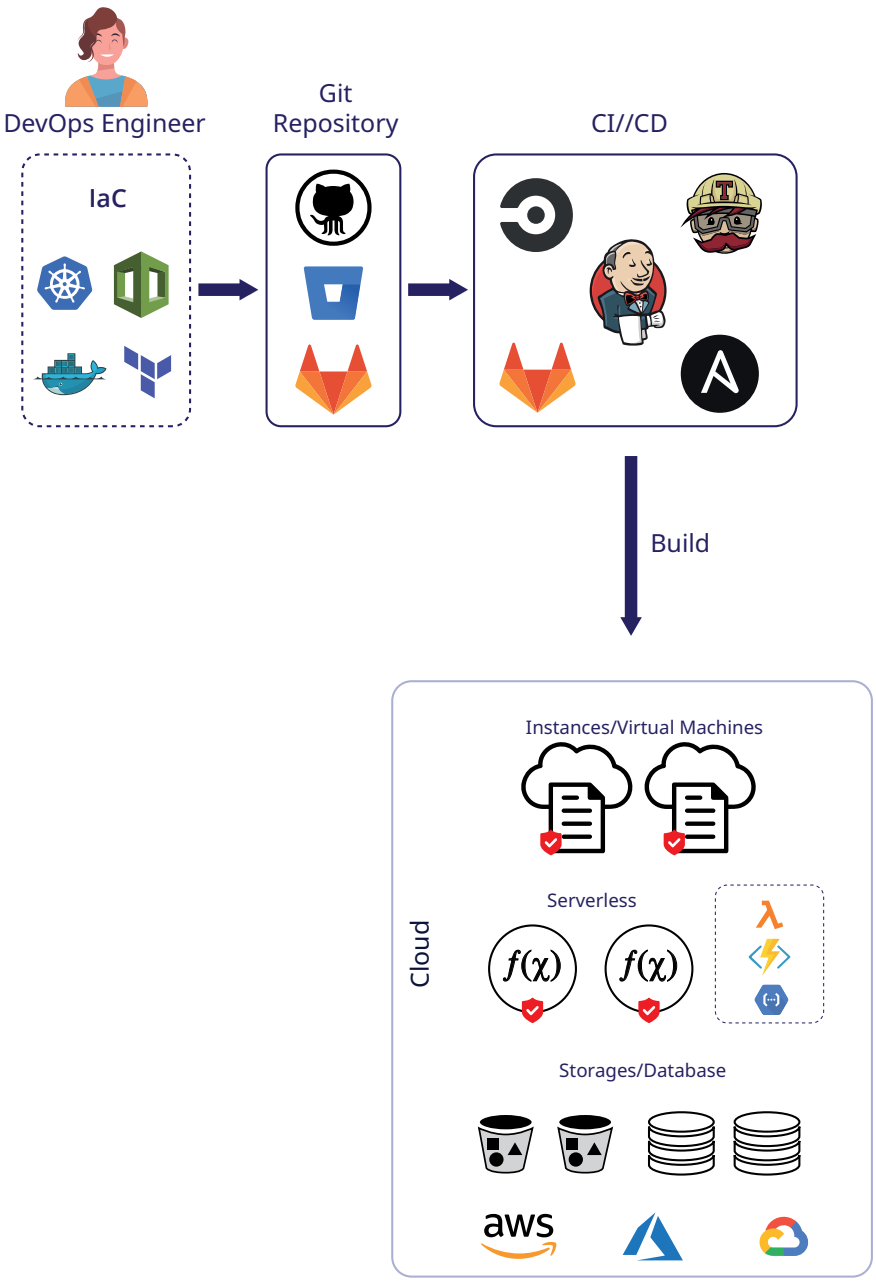
Secure your cloud, containers, and Kubernetes by scanning IaC for your infrastructure stack with pre-built compliance libraries

Identify security and compliance gaps earlier in the cloud development lifecycle (CLDC) to reduce your organization's risk

Gain confidence with the security level of your IaC templates and free your security teams to focus on runtime issues

Infrastructure as Code Pipeline

Add security as code (SaC) guardrails to your cloud development lifecycle (CLDC) from code to the cloud.



About mend.io

Mend.io, formerly known as WhiteSource, effortlessly secures what developers create. Mend.io uniquely removes the burden of application security, allowing development teams to deliver quality, secure code, faster. With a proven track record of successfully meeting complex and large-scale application security needs, the world's most demanding software developers rely on Mend.io. The company has more than 1,000 customers, including 25 percent of the Fortune 100, and manages Renovate, link here, the open- source automated dependency update project.

For more information, visit www.mend.io, the Mend.io blog, and Mend.io on LinkedIn and Twitter.