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DevOps
EDITION

MOST PROMISING DevOps SOLUTIONS PROVIDER 2023

Nethopper KAOps

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DevOps/CI/CD as Simple as Google Docs

In a meeting, a Google doc is presented to the participants.

When a participant makes an edit, it is simultaneously visible to everyone else (given there's no internet lag for any party involved). If more participants join, they can see the new version.

What if enterprise applications were similar to Google docs in how they are managed? Irrespective of on-prem or cloud, deployment, and operation of all enterprise applications, as simple as creating and editing a Google doc, can open doors for enhanced business opportunities.

"We've made a platform for operations teams to help operate their platforms and applications," says Chris Munford, founder and CEO of Nethopper KAOps. Through the platform, an operations team can create or destroy infrastructure and deploy application upgrades instantaneously without knowing the intricacies of programming or the source codes.

Chris Munford,
Founder/CEO

applications in the desired state in a Git repository and employs automation to enforce that state. It's a robotic process where the infrastructure stays in sync with what's written in the Git repo. The source of truth for these applications and IT infrastructure is under source control, where instantaneous auditing and pushing the 'undo' button can be performed.
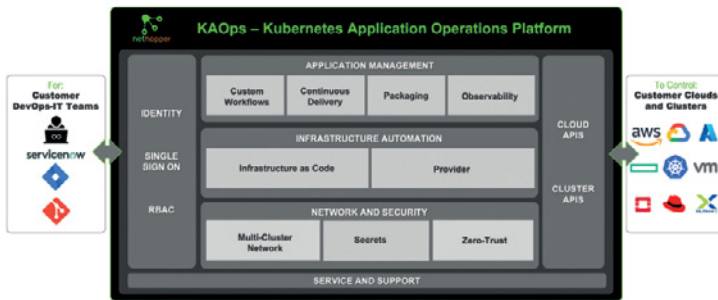
KAOps encapsulates ArgoCD-as-a-Service and MCAN or Multi-Cloud Application Networking-as-a-Service for holistic support to deliver, monitor, connect, and scale client applications across cloud and clusters.

We've written a platform for the operations team to help operate their platforms and applications

When an eight-year-old healthcare analytics organization wished to scale their range of applications with the proliferation of customers, KAOps was the perfect platform for them. The organization has the largest healthcare systems and hospital chains as their clients, where they analyze various data from different applications. The analytics company had an IT team to run these applications and a DevOps team to operate them. Due to a lack of automation, they had to expand these teams as the customers grew. They wished to increase the number of applications while maintaining the exact headcount and reducing the processing time of customer requests. Upon introducing the KAOps platform, the client reduced the duration for approval of customer requests from four days to two hours. "This is a 10 to 50 times improvement in their processes by bringing automation to their IT and DevOps," adds Munford.

The initial idea was to create an application layer that allowed multiple cloud environments to communicate. However, Nethopper's team understood that the challenges of DevOps and IT teams are beyond connecting cloud infrastructures. A more significant challenge was the changes in the Kubernetes clusters and the management of cloud infrastructures. Clients desired a quicker solution where they could work on multiple cloud infrastructures and automate pushing changes in Kubernetes. Nethopper identified GitOps as a foundation for an automation platform to operate any application.

Nethopper's multi-cloud application network became the base of their KAOps, Kubernetes Applications Operations platform, and the underlying philosophy is GitOps. A term coined in 2017 by Weaveworks and gaining traction in mainstream DevOps, GitOps allows operations teams to define their IT and enterprise

Businesses must create more applications to attract and maintain customers and not spend significant resources on building platforms. KAOps speeds up the entire process and provides an infrastructure-agnostic platform to develop and audit applications simply by editing a Google Doc. KAOps is a more deterministic, auditable, and error-free approach to operating infrastructure and can be procured from the Nethopper website. CR

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The annual listing of 10 companies that are at the forefront of providing DevOps solutions and transforming businesses