LONG 80™
A GAVS & PREMIER, INC. JV

Enhanced DevOps Efficiencies through Cloud Migration
for Healthcare Improvement Company

Customer Overview

The customer is a leading healthcare improvement company uniting an alliance of several U.S. hospitals, health systems, other providers and organizations to drive transformation in healthcare.

The Context

The customer had more than 2000 active DevOps pipelines across their deployable applications; with the source repositories of these pipelines spread across Bitbucket, TFS, GitHub, GitLab, Gitolite, Atlassian Cloud, SVN, and Azure Repos; and the builds and deployments across Bamboo, TFS, GoCD, Google Cloud Composer, GitLab, and Jenkins. With this organization-wide diversity of DevOps tools, it was practically impossible to standardize (and mature) DevOps processes, policies, and practices. It was a challenge to keep track of the tools inventory, licenses, and version upgrade requirements for servers and tools in each of the pipelines. This DevOps disparity created an environment of uncontrolled risks and non-compliance, increased DevOps operational costs, and reduced productivity of the development teams.

The Solution

The Long 80 team partnered with the customer's leadership team to collect and analyze the inventory of projects associated with DevOps pipelines and tools. The customer decided to go with a single cloud DevOps platform for the entire organization using Azure DevOps (ADO) Pipelines and GitHub repository, to align with the organizational strategy of cloud-first. The Long 80 DevOps team worked with the customer from day one to establish the platform and develop proofs of concept for integration of new DevOps tools and build agents. The Long 80 team developed the strategy for pipeline migration from on-prem and cloud DevOps pipelines and continues to work closely with each development team to migrate their pipelines into the cloud ADO-GitHub platform. With a unified DevOps platform across the organization, the DevOps team is now able to bring in standardization of policies, procedures, DevSecOps activities, secrets management, and automation of many pipeline operations.

Challenges

- Non standardized DevOps pipelines
- Lack of common pipeline configuration
- Need for individual management of each pipeline
- Inability to perform bulk changes
- Challenging risk and compliance audit process
- Uncontrolled secrets, security risks, non-compliance
- Increased DevOps operational costs
- Reduced accountability, productivity of dev teams

Solution Highlights

- Establishment of single cloud DevOps platform on ADO and GitHub
- Migration of all existing pipelines to the cloud platform
- Standardized DevSecOps integration with the ADO DevOps pipelines
- Integration of HashiCorp Vault
- Enablement of deployment to diversified target servers
- Standardization, automation of pipeline operations
- Centralized expert team to address critical issues for all development teams

Solution Impact

- Migration being successfully carried out for existing on-prem pipelines to ADO-GitHub cloud
- 50+ new pipelines created on cloud ADO within 3 months
- Reduction in response time for development team support requests to 1-2 days
- Synced Change Request (CR) approval and production release with ServiceNow integration to pipelines
- Faster response to critical issues through centralized management
- Drastically reduced DevOps operational costs through cloud migration and standardization
- Highly manageable, scalable, and accountable DevOps pipelines
- Enablement of self-service through pipeline templatization, automation
- Effective secrets management with Vault integration
- Robust security, compliance with DevSecOps
- Better tracking of business goals and high-level initiatives with Aha! integration to ADO Boards

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