Azure DevOps and Terraform

2 Month Implementation

improving
It's what we do. ™

Building An Automated IaC Project Has Never Been Easier

Why Azure DevOps and Terraform?

By leveraging HashiCorp's Terraform Infrastructure Automation product, and hosting and managing via Azure DevOps , you can now integrate infrastructure directly into your Continuous Integration & Deployment process.

Improving is uniquely positioned to assist you with your Infrastructure as Code goals. As an early adopter of both IaC and Azure DevOps within our consulting practice, our team has many years of experience building automated environments & would love to share best practices with you .

What You'll Get

We have taken our experience and structured it into a two month (4 2-week sprints) game plan to take a typical Azure infrastructure & get you to the foundation of an automation plan.

You will get a foundational Infrastructure as Code project, built in HashiCorp Terraform integrated into Azure DevOps, and the roadmap to continue to grow & expand on these capabilities.

Deliverables:

- Cloud Architecture Documentation
- Terraform Project
- Azure DevOps Build & Deploy Pipelines
- Deliverable Documentation & Roadmap

The Program

Every Sprint includes a testing and successful deployment of "as built" infrastructure to a Development Environment using the IaC project.

Sprint 1	Sprint 2	Sprint 3	Sprint 4
Initial Kickoff	Review Sprint 1 Deliverables	Review Sprint 2 Deliverables	Review Sprint 3 Deliverables
Review of existing Azure Infrastructure	Continue Development of IaC Components	Development Of CI/CD Pipelines In Azure DevOps	Completion of CI/CD Pipeline Development
Terraform Compatibility Analysis	Team Training: Terraform for Project specific Architecture	Continue Development Refinement of IaC Components	Completion of IaC Project Development
Foundation IaC Project		Team Training: Implementation & Modularization	Team Training: Support & Continue
Team Training: Terraform Essentials			Final Delivery of Project, Documentation & Roadmap