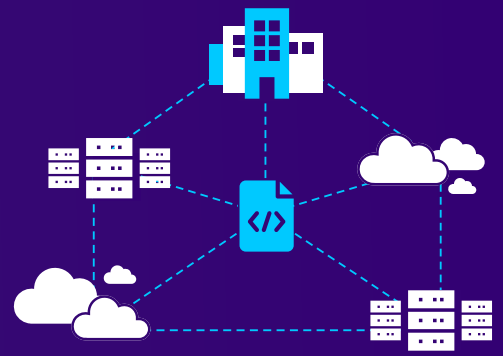


Microsoft Azure Infrastructure-as-Code: Proof-of-Concept



The transition to cloud is a generational transition for IT, one that enables companies to innovate rapidly and scale on-demand. However, as we are seeing, any lack of oversight or tracking around resource provisioning can quickly lead to cloud waste.

Infrastructure-as-Code (IaC) converts infrastructure to a set of configuration files and brings automation to the provisioning, compliance, and management through integration with pipelines. This standardization eliminates configuration drift, increases agility, and more importantly, increases visibility into how infrastructure is set up and operating.

20%-35% of organizations' cloud spend is wasted¹

45% of the enterprise cloud budget is spent on non-production resources²

Reimagine your operating model on Microsoft Azure

In this **proof-of-concept**, get a hands-on experience on a small scale IaC environment to evaluate the feasibility of IaC for your organization and validate the effectiveness of an IaC language such as ARM templates or Terraform.

Our process

Envision the possibilities

- Understand your current architecture and key cloud management challenges.
- Showcase the art-of-the-possible in infrastructure provisioning.

Define the use case

- Understand business requirements and prioritize a use case.
- Outline the user stories and the project plan.

Configure the PoC

- Set up automation infrastructure.
- Stand up source control (or integrate with existing).
- Develop IaC modules, tailored to the use case.
- Deploy a CI/CD pipeline and test the deployment.

Our final deliverables

Duration: 3 Weeks **Cost: \$10,000**

One (1) Azure DevOps Project* for Infrastructure as Code

Up to three (3) IaC modules tailored to the use case

Up to one (1) pipeline for IaC deployment into Azure

*We will also set-up a DevOps organization if one doesn't exist

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Sources: 1. State of Cloud Strategy Survey, 2021, HashiCorp | 2. The Cloud Is Booming — But so Is Cloud Waste, 2020, ParkMyCloud

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