Deploying Modern Workloads on Azure Fast Start

In this 4-week engagement, Insight technical experts will guide the client through the end-to-end process of designing an Azure landing zone, writing Infrastructure as code (IaC) in Terraform, managing code in GitHub and executing deployment pipelines using GitHub Actions.

# What to expect…

CLIENT PREP   before engagement begins

- Provide details of your applications, technology stack, and processes for development, hosting, deployment, operations, and management

- Provide an Azure environment to host deployments and a GitHub organization with all attendees configured as users

- Ensure the latest versions of Git, Terraform, the Azure CLI, and Visual Studio Code installed by each attendee

ENGAGEMENT   4 weeks

- Review Azure landing zone, walk through code, create the "go live" environment in Azure, and create corresponding summary documentation

- Identify Terraform Enterprise use cases, infrastructure requirements, workspace and organization design considerations, and desired pilot applications

- Prepare environment for Terraform Enterprise installation, migrate existing open-source state, and implement modules and applications, CI/CD pipelines, and 1-2 example Sentinel policies

- Walk team through installation, configuration, deployment, and module configuration

- Conduct 1-on-1 mentoring on specific scenarios and 1-to-many enablement workshops to ramp up team on Terraform Enterprise

- Introduce GitHub and explain concepts such as pulling and pushing code, reviewing pull requests, managing merge conflicts, branching strategies, and DevOps pipelines using GitHub actions
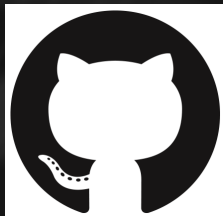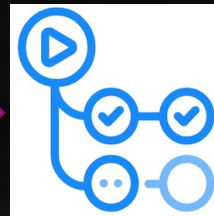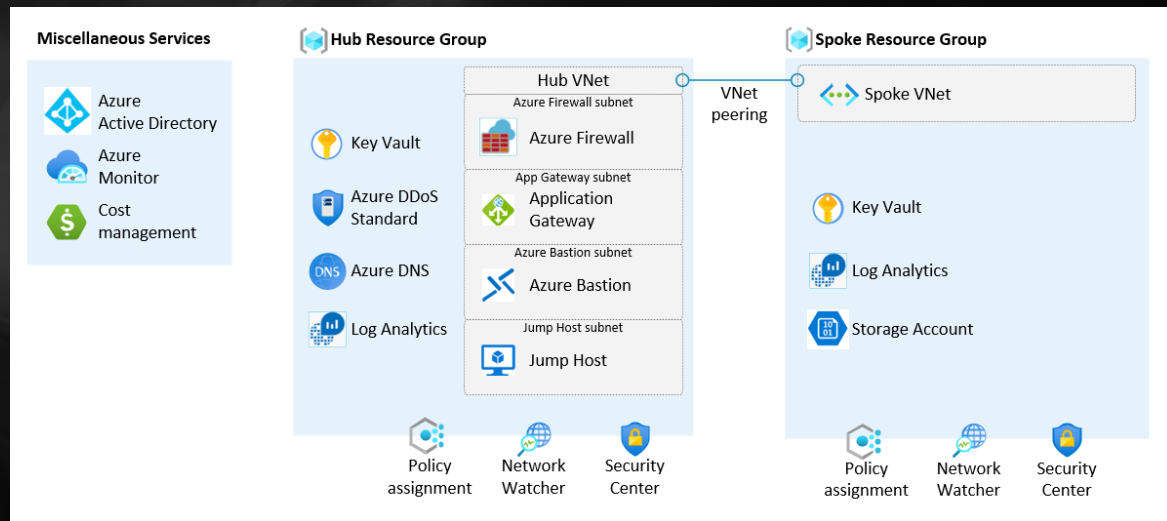
Example Output

The workshop gives the client hands-on experience with creating, updating, and deploying Azure infrastructure reliably and repeatably using Terraform and GitHub.

Unlocking Cloud Agility and Savings

The challenge

A global commercial insurer saw a need to reevaluate its overall cloud strategy as its risk management platform was challenged with balancing increasing infrastructure costs and poor customer experiences.

The solution

Insight Digital Innovation created a flexible and elastic cloud-agnostic solution with open-source DevOps components, including GitHub®, Terraform®, Ansible®, Docker® and Mesos®. The open-source Software as a Service (SaaS) solution scales to fit different customer requirements and takes advantage of built-in data analytics components.

Insight expertise/Insurance/Cloud + Modern Apps + DevOps