

Deploying Modern Workloads on Azure Workshop

In this 1-day workshop, Insight technical experts will help the client quickly ramp up on Azure, Terraform, and GitHub by guiding them through educational content and a series of hands-on labs.

What to expect...

CLIENT PREP before engagement begins

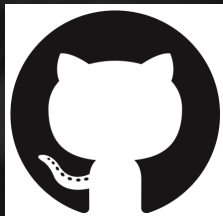
- Identity personnel who will be participating in the workshop
- Provide an Azure environment to host deployments during the workshop
- Ensure each team member has a free GitHub account and has the latest versions of Git, Terraform, the Azure CLI, and Visual Studio Code installed by each attendee

ENGAGEMENT 1 day

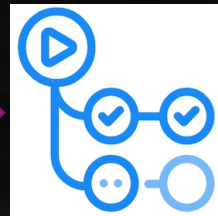
- Educational content on Azure that explains tenants, subscriptions, management groups, resource groups, policies & initiatives, core resources, networking, IaaS, Azure platform services, key management services, and ARM templates
- Hands-on lab that explores an Azure landing zone
- Educational content on Terraform that explains Terraform CLI, workflows, state, backends, managing Azure resources with Terraform, the Azure RM Provider & service principals, Azure resource lifecycle, and Terraform Cloud versus Enterprise
- Hands-on lab on deploying to the Azure landing zone using Terraform code
- Educational content on GitHub that explains pushing and pulling code, reviewing pull requests, managing merge conflicts, branching strategies, and DevOps pipelines using GitHub actions
- Hands-on lab that explores executing Terraform code from GitHub Actions



Terraform in
GitHub Repo



GitHub Actions

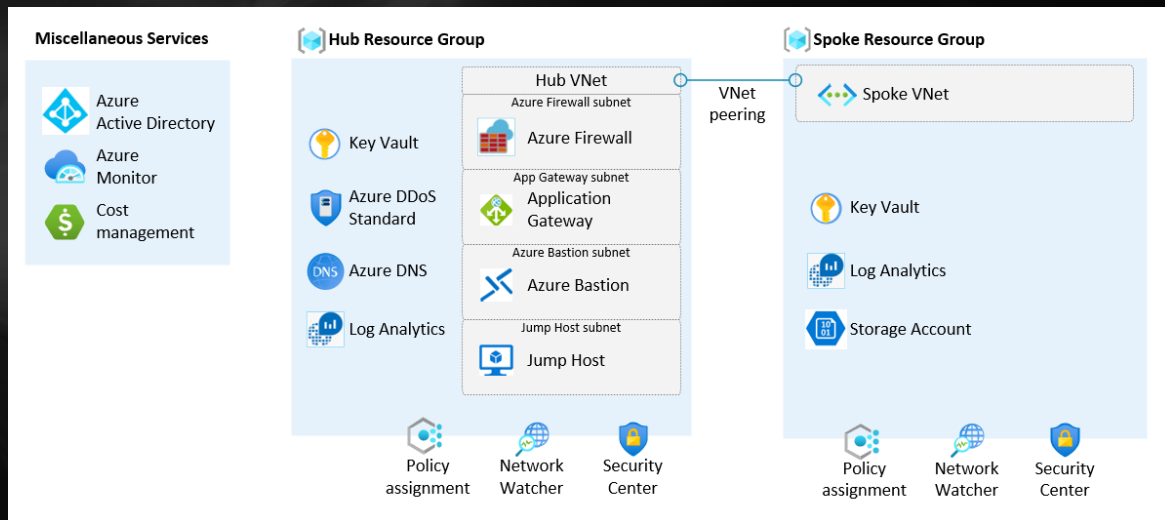


Azure
Landing Zone



Example Output

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



CLIENT STORY:

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

