

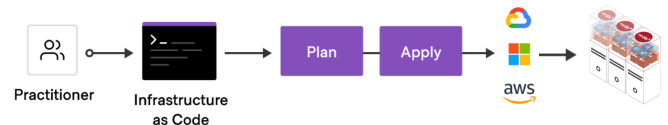
# Redis Enterprise Deployment Automation Terraform & Ansible

Deploying Redis Enterprise using an infrastructure as code (IaC) process provides several benefits to an organization including: speed, repeatability, reduced costs and decreased deployment risk. Terraform is an open-source software tool that provides a consistent CLI workflow to provision and configure public cloud services. Ansible is a widely adopted open-source provisioning, configuration management and enterprise service deployment tool that can be used to fully automate the delivery of Redis Enterprise within a self-managed cloud environment. This 5-day Professional Services consulting package is targeted towards organizations who wish to automate the creation and configuration of their cloud infrastructure for their Redis Enterprise deployments. All services are delivered during standard business hours.

## Discovery & Demonstration

- \* Overview of Redis Enterprise Software
- \* Review of Terraform & Ansible
- \* Demonstration of Deployment Features
  - Cloud infrastructure provisioning
  - Software installation & upgrades
  - Cluster creation and node joining
  - Database creation and replication
- \* Identify Requirements for Deployment

## Terraform Workflow



## Configuration & Delivery

- \* Update Terraform & Ansible for Delivery
- \* Configure Cloud & Inventory File Options
- \* Deploy Terraform & Ansible Release Kit
- \* Distribute Installation & User Guides
- \* Provide Assistance with Integration
- \* Review Automation Best Practices

## Ansible Architecture

