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Getting Started with Cloud Operations

Course Overview

Day 1 of operations

- Introduction to Cloud Automation
 - HOL: Deploying Infrastructure using Terraform
- Getting started with the OCI CLI
 - HOL: Using Command Line Interface (CLI)
- Using Terraform and resource manager
- Configuration management with Ansible
- Creating and managing custom images
 - HOL: Creating Compute Instance using Custom

Day 2 in operations

- Security best practice
- Data retention
- Achieving cloud-scale reliability
 - HOL: Configuring Auto Scaling
- Billing and cost management
- Troubleshooting in OCI
- Review

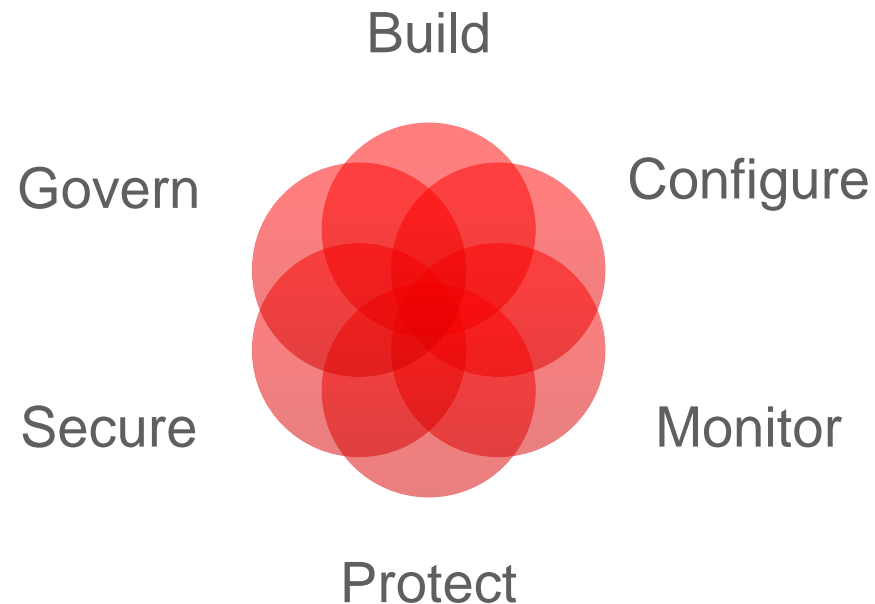
Course objectives

- Understanding operations on OCI
- Learning how to use and deploy tools in OCI
- Troubleshooting OCI resources
- Cost control on OCI
- Management of resources at cloud scale.



What is cloud operations?

This course is designed for those managing resources in Oracle Cloud Infrastructure. Through different tools to help gain insight and automation control to deploy applications faster.



Operations on OCI

Manual

Log into the console

Click process

No management

Scripting

Controlling deployments

Creating central repository

Full automation

Using Terraform

Combination of scripting and other tools to achieve cloud scaling