

OCIN-3 - MANAGING DAY-TO-DAY OPERATIONS ON OCI

Categoria: **Cloud Infrastructure**

INFORMAZIONI SUL CORSO



Durata:
2 Giorni



Categoria:
Cloud Infrastructure



Qualifica Istruttore:
Oracle Certified
Professional



Dedicato a:
Professionista IT



Produttore:
Oracle

OBIETTIVI

- Use OCI CLI to create, discover, and terminate resources
- Create shell scripts using OCI CLI
- Use Oracle Resource Manager
- Provision a simple set of OCI resources with Ansible
- Manage custom images

PREREQUISITI

CONTENUTI

Getting Started with Cloud Operations

- What Is Cloud Operations?
- Operations on OCI

Introduction to Cloud Automation

- Cloud Scale Challenges
- Automation Basics
- Automation Tools

Getting Started with CLI

- CLI Command Construct
- Configure the CLI
- Launch Compute Instance Command
- Working with JSON Input Templates
- Launch a Compute Instance with the JSON Template
- Using a Script to Orchestrate Several Tasks

Using Terraform and Resource Manager

- Why Infrastructure as Code

- IaC Best Practices
- Terraform Configuration and Actions
- Managing the State of the Environment
- Terraform Local State
- Useful Features for Managing IaC with Terraform
- Oracle Resource Manager

Creating and Managing Custom Images

- Best Practice for Instances
- Managing Custom Images
- Custom Image with userdata
- DR considerations
- Import Images/Export Images

Using Ansible to Manage Configuration and Infrastructure on OCI

- Configuration Management
- How Ansible Works
- Installing Ansible
- Ad-hoc Commands
- Ansible Playbooks
- OCI Ansible Modules
- Ansible on OCI - Run a Simple Test

Oracle Cloud Infrastructure- Security Best Practices

- Shared Security Responsibility Model
- Oracle Cloud Infrastructure Security Capabilities at a Glance
- IAM Best Practices
- Securing OCI
- Network Security Architecture
- Security Testing Policy

Data Backup Operations

- What Is RTO and RPO?
- Backup Options
- Object Storage Lifecycle Management
- Backup Strategy Using Storage Gateway
- Hybrid Cloud - Tiering, Using Cloud Sync Feature

Scaling Operations

- Vertical Scaling
- Instance Configuration and Pool
- Autoscaling Configurations
- Autonomous DB Scaling options

Billing and Cost Management

- OCI Cost Analysis
- OCI Budgets
- Service Limits and Usage
- Compartment Quotas and Quota Policies

-Cost Management: Best Practices

Troubleshooting and Performance

- Subnet or VCN Deletion
- Block Volume Performance
- Unable to SSH to Instance

INFO

Materiale didattico: Materiale didattico ufficiale Oracle in formato digitale. Il materiale didattico è compreso nel prezzo sia per i corsi a Calendario sia per quelli Dedicati.

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)