Cloud Computing Cheat Sheet(AWS, Azure, GCP, Oracle)

AWS Cloud

EC2 (Elastic Compute Cloud)

- aws ec2 describe-instances – List all instances
- aws ec2 start-instances --instance-ids <id> – Start an instance
- aws ec2 stop-instances --instance-ids <id> – Stop an instance
- aws ec2 terminate-instances --instance-ids <id> – Terminate an instance
- aws ec2 create-key-pair --key-name <name> – Create a key pair
- aws ec2 describe-security-groups – List security groups

S3 (Simple Storage Service)

- aws s3 ls – List buckets
- aws s3 mb s3://<bucket> – Create a bucket
- aws s3 cp <file> s3://<bucket>/ – Upload a file
- aws s3 rm s3://<bucket>/<file> – Delete a file
- aws s3 rb s3://<bucket> --force – Delete a bucket
- aws s3 sync <local-dir> s3://<bucket>/ – Sync local and S3

IAM (Identity and Access Management)

- aws iam list-users – List IAM users
- aws iam create-user --user-name <name> – Create a user

- aws iam attach-user-policy --user-name <name> --policy-arn <policy> – Attach a policy
- aws iam list-roles – List IAM roles
- aws iam create-role --role-name <name> --assume-role-policy-document file://policy.json – Create a role
- aws iam list-policies – List policies

VPC (Virtual Private Cloud)

- aws ec2 describe-vpcs – List VPCs
- aws ec2 create-vpc --cidr-block <CIDR> – Create a VPC
- aws ec2 delete-vpc --vpc-id <id> – Delete a VPC
- aws ec2 create-subnet --vpc-id <id> --cidr-block <CIDR> – Create a subnet
- aws ec2 describe-security-groups – List security groups
- aws ec2 describe-internet-gateways – List internet gateways

---

Lambda (Serverless Computing)

- aws lambda list-functions – List all Lambda functions
- aws lambda create-function --function-name <name> --runtime <runtime> --role <role> --handler <handler> – Create a function
- aws lambda update-function-code --function-name <name> --zip-file fileb://<file>.zip – Update function code
- aws lambda delete-function --function-name <name> – Delete a function
- aws lambda invoke --function-name <name> output.json – Invoke a function

---

Amazon EKS (Elastic Kubernetes Service)

- aws eks list-clusters – List EKS clusters
- aws eks describe-cluster --name my-cluster – Describe an EKS cluster

- aws eks create-cluster --name my-cluster --role-arn arn:aws:iam::account-id:role/EKSRole --resources-vpc-config subnetIds=subnet-xxxxxxx,securityGroupIds=sg-xxxxxxx – Create an EKS cluster
- aws eks update-kubeconfig --name my-cluster – Configure kubectl to use the EKS cluster
- kubectl get nodes – Check worker nodes
- kubectl get pods -A – List running pods

Amazon ECS (Elastic Container Service)

- aws ecs list-clusters – List ECS clusters
- aws ecs list-services --cluster my-cluster – List ECS services
- aws ecs describe-services --cluster my-cluster --services my-service – Describe an ECS service

---

AWS CloudFormation

- aws cloudformation list-stacks – List all stacks
- aws cloudformation create-stack --stack-name my-stack --template-body file://template.yml – Create a stack

---

CI/CD (CodePipeline, CodeBuild, CodeDeploy)

AWS CodePipeline

- aws codepipeline list-pipelines – List all pipelines
- aws codepipeline start-pipeline-execution --name my-pipeline – Start a pipeline execution

AWS CodeBuild

- aws codebuild list-projects – List all CodeBuild projects
- aws codebuild start-build --project-name my-project – Start a build

AWS CodeDeploy

- aws deploy list-applications – List all CodeDeploy applications
- aws deploy create-deployment --application-name MyApp --deployment-group-name MyDeploymentGroup --s3-location bucket=my-bucket,key=app.zip,bundleType=zip – Deploy an application

---

Security & Compliance

- aws cloudtrail describe-trails – List CloudTrail logs
- aws secretsmanager list-secrets – List all secrets
- aws secretsmanager get-secret-value --secret-id my-secret – Retrieve a secret

---

Monitoring & Logging (CloudWatch)

- aws cloudwatch list-metrics – List available metrics
- aws cloudwatch put-metric-alarm --alarm-name cpu-high --metric-name CPUUtilization --namespace AWS/EC2 --statistic Average --period 300 --threshold 80 --comparison-operator GreaterThanThreshold --dimensions Name=InstanceId,Value=i-xxxxxxxxx --evaluation-periods 2 --alarm-actions arn:aws:sns:region:account-id:my-topic – Create a CloudWatch alarm
- aws logs describe-log-groups – List all log groups
- aws logs get-log-events --log-group-name my-log-group --log-stream-name my-log-stream – Retrieve log events

---

Networking (VPC, ELB, Route 53)

Amazon VPC

- aws ec2 describe-vpcs – List all VPCs
- aws ec2 describe-subnets – List all subnets

Elastic Load Balancer (ELB)

- aws elbv2 describe-load-balancers – List all load balancers

Amazon Route 53

- aws route53 list-hosted-zones – List hosted zones

Amazon ECR (Elastic Container Registry)

- aws ecr get-login-password | docker login --username AWS --password-stdin <aws_account_id>.dkr.ecr.<region>.amazonaws.com – Authenticate Docker with ECR
- aws ecr list-repositories – List all ECR repositories

AWS Systems Manager (SSM)

- aws ssm describe-instances – List managed instances
- aws ssm send-command --document-name "AWS-RunShellScript" --targets "Key=instanceIds,Values=i-xxxxxxxxxx" --parameters commands="sudo apt update" – Run a command on an EC2 instance

---

AWS Auto Scaling

- aws autoscaling describe-auto-scaling-groups – List Auto Scaling groups
- aws autoscaling update-auto-scaling-group --auto-scaling-group-name my-asg --desired-capacity 3 – Update the desired capacity

- aws autoscaling set-desired-capacity --auto-scaling-group-name my-asg --desired-capacity 2 – Manually scale an Auto Scaling group

---

AWS Elastic Beanstalk

- aws elasticbeanstalk describe-environments – List all environments
- aws elasticbeanstalk create-application --application-name my-app – Create an application
- aws elasticbeanstalk update-environment --environment-name my-env --version-label new-version – Deploy a new version

---

AWS Step Functions

- aws stepfunctions list-state-machines – List all state machines
- aws stepfunctions start-execution --state-machine-arn arn:aws:states:region:account-id:stateMachine:MyStateMachine – Start a state machine execution
- aws stepfunctions describe-execution --execution-arn arn:aws:states:region:account-id:execution:MyStateMachine:MyExecution – Get execution details

---

AWS Glue (ETL Service)

- aws glue get-databases – List all Glue databases
- aws glue get-tables --database-name my-database – List all tables in a database
- aws glue start-job-run --job-name my-glue-job – Start a Glue job

---

AWS SNS (Simple Notification Service)

- aws sns list-topics – List all SNS topics
- aws sns publish --topic-arn arn:aws:sns:region:account-id:MyTopic --message "Test Message" – Publish a message to an SNS topic

AWS SQS (Simple Queue Service)

- aws sqs list-queues – List all SQS queues
- aws sqs send-message --queue-url https://sqs.region.amazonaws.com/account-id/my-queue --message-body "Hello World" – Send a message

---

AWS Outposts(Managed on-prem cloud/On-premises AWS)

List and Describe Outposts

aws outposts list-outposts # List all AWS Outposts

aws outposts get-outpost --outpost-id <outpost-id> # Get details of a specific Outpost

aws outposts get-outpost-instance-types --outpost-id <outpost-id> # List instance types in an Outpost

Manage Outpost Resources

aws outposts list-sites # List all Outpost sites

aws outposts list-orders # List Outpost orders

aws outposts list-outpost-instances --outpost-id <outpost-id> # List EC2 instances in an Outpost

Deploy and Configure Outposts

aws outposts create-order --line-items "[{\"catalogItemId\": \"item-id\", \"quantity\": 1}]" --outpost-id <outpost-id> # Order an Outpost

aws outposts update-outpost --outpost-id <outpost-id> --name <new-name> # Update Outpost configuration

Networking and Storage on Outposts

aws outposts list-outpost-network-devices --outpost-id <outpost-id> # List network devices in an Outpost

aws s3 ls --outpost-id <outpost-id> # List S3 buckets on an Outpost

aws s3 mb s3://<bucket-name> --outpost-id <outpost-id> # Create an S3 bucket in Outpost

Deploy EC2 Instances in Outposts

aws ec2 run-instances --image-id <ami-id> --instance-type <type> --subnet-id <outpost-subnet-id> # Launch an EC2 instance in Outpost

Automate Outpost Deployments with CloudFormation

aws cloudformation deploy --template-file outpost-config.yml --stack-name my-outpost-stack # Deploy Outpost resources using CloudFormation

Monitor Outposts with CloudWatch

aws cloudwatch list-metrics --namespace AWS/Outposts # List Outpost-related CloudWatch metrics

aws cloudwatch get-metric-data --metric-name CPUUtilization --namespace AWS/Outposts # Monitor CPU usage of Outpost instances

Integrate Outposts with CI/CD

aws codepipeline list-pipelines # List all CI/CD pipelines

aws codepipeline start-pipeline-execution --name <pipeline-name> # Start a deployment pipeline for Outposts

aws codebuild start-build --project-name <build-project> # Start a build process for Outposts workloads

aws deploy create-deployment --application-name <app-name> --deployment-group-name <group-name> --s3-location bucket=<bucket-name>,key=<app.zip>,bundleType=zip # Deploy an application to an Outpost

Security and Compliance for Outposts

aws iam create-role --role-name <role-name> --assume-role-policy-document file://policy.json # Create an IAM role for Outpost management

aws secretsmanager list-secrets # List stored secrets for Outposts

aws secretsmanager get-secret-value --secret-id <secret-name> # Retrieve a stored secret

aws cloudtrail describe-trails # List AWS CloudTrail logs for security auditing

aws guardduty list-findings # Detect security threats related to Outposts

Delete or Deactivate an Outpost

aws outposts delete-outpost --outpost-id <outpost-id> # Delete an Outpost (must be empty)

aws outposts cancel-order --order-id <order-id> # Cancel an Outpost order before delivery

---

Azure Cloud

1. Azure Virtual Machines (VMs)

- az vm create --resource-group <rg> --name <vm-name> --image <image>
  → Create a VM
- az vm list -o table
  → List all VMs
- az vm stop --name <vm-name> --resource-group <rg>
  → Stop a VM
- az vm start --name <vm-name> --resource-group <rg>
  → Start a VM
- az vm delete --name <vm-name> --resource-group <rg>
  → Delete a VM
- az vm resize --name <vm-name> --resource-group <rg> --size <vm-size>
  → Resize a VM
- az vm show --name <vm-name> --resource-group <rg>
  → Show VM details
- az vm open-port --port <port-number> --name <vm-name> --resource-group <rg>
  → Open a port on a VM

---

2. Azure Storage

- az storage account create --name <storage-name> --resource-group <rg> --location <region>
  → Create a storage account

- az storage container create --name <container-name> --account-name <storage-name>
  → Create a blob container
- az storage blob upload --file <file-path> --container-name <container-name> --account-name <storage-name>
  → Upload a file to Blob Storage
- az storage blob list --container-name <container-name> --account-name <storage-name>
  → List blobs in a container
- az storage account delete --name <storage-name> --resource-group <rg>
  → Delete a storage account

---

3. Azure Kubernetes Service (AKS)

- az aks create --resource-group <rg> --name <aks-name> --node-count <num> --generate-ssh-keys
  → Create an AKS cluster
- az aks get-credentials --resource-group <rg> --name <aks-name>
  → Get kubeconfig for AKS cluster
- kubectl get nodes
  → List AKS cluster nodes
- kubectl get pods -A
  → List all pods in AKS
- kubectl apply -f <file.>
  → Deploy an application in AKS
- kubectl delete -f <file.>
  → Remove an application from AKS
- az aks delete --name <aks-name> --resource-group <rg>
  → Delete an AKS cluster

---

4. Azure Functions

- az functionapp create --resource-group <rg> --name <app-name>
  --consumption-plan-location <region> --runtime <runtime>
  → Create an Azure Function App
- az functionapp list -o table
  → List all Function Apps
- az functionapp delete --name <app-name> --resource-group <rg>
  → Delete a Function App
- func init <app-name>
  → Initialize a local Azure Functions project
- func new
  → Create a new function
- func start
  → Run functions locally
- func azure functionapp publish <app-name>
  → Deploy function to Azure

6. Azure Networking

Virtual Network (VNet)

- az network vnet list --output table – List VNets
- az network vnet create --name myVNet --resource-group myResourceGroup
  --subnet-name mySubnet – Create a VNet

Network Security Group (NSG)

- az network nsg list --output table – List NSGs
- az network nsg create --resource-group myResourceGroup --name myNSG –
  Create an NSG

Load Balancer

- az network lb list --output table – List load balancers
- az network lb create --resource-group myResourceGroup --name myLB
  --sku Standard --frontend-ip-name myFrontend --backend-pool-name
  myBackendPool – Create a Load Balancer

Azure DevOps (CI/CD)

Azure DevOps Projects

- az devops project list --output table – List all DevOps projects
- az devops project create --name myDevOpsProject – Create a DevOps project
- az devops project delete --id PROJECT_ID --yes – Delete a DevOps project

Azure Repos (Git)

- az repos list --output table – List all repositories
- az repos create --name myRepo – Create a new repo
- az repos delete --name myRepo --yes – Delete a repo

Azure Pipelines

- az pipelines list --output table – List all pipelines
- az pipelines create --name myPipeline --repository myRepo --branch main --repository-type gitHub – Create a pipeline
- az pipelines run --name myPipeline – Run a pipeline

Azure Monitor & Logging

Azure Monitor

- az monitor metrics list --resource myResourceID – List metrics for a resource
- az monitor metrics alert list --resource-group myResourceGroup – List metric alerts

Azure Log Analytics

- az monitor log-analytics workspace list --output table – List log analytics workspaces
- az monitor log-analytics workspace create --resource-group myResourceGroup --workspace-name myWorkspace – Create a Log Analytics workspace

---

Security & Compliance

Azure Security Center

- az security assessment list --output table – List security assessments
- az security setting update --name AutoProvisioning --value On – Enable auto-provisioning for Security Center

Azure Key Vault

- az keyvault list --output table – List Key Vaults
- az keyvault create --name myKeyVault --resource-group myResourceGroup --location eastus – Create a Key Vault
- az keyvault secret set --vault-name myKeyVault --name mySecret --value "MySecretValue" – Store a secret in Key Vault
- az keyvault secret show --vault-name myKeyVault --name mySecret – Retrieve a secret

---

Azure Policies & Governance

- az policy assignment list --output table – List all policy assignments
- az policy assignment create --name myPolicyAssignment --policy myPolicyDefinition – Assign a policy
- az policy assignment delete --name myPolicyAssignment – Delete a policy assignment

---

Azure Active Directory (AAD)

- az ad user list --output table – List all users
- az ad group list --output table – List all groups
- az ad app list --output table – List all applications
- az ad sp list --output table – List all service principals

Azure Backup & Recovery

- az backup vault list --output table – List all backup vaults
- az backup vault create --resource-group myResourceGroup --name myBackupVault – Create a backup vault
- az backup item list --resource-group myResourceGroup --vault-name myBackupVault --output table – List backup items

---

GCP Cloud

1. Compute Engine (VMs)

- gcloud compute instances create <vm-name> --zone=<zone> --machine-type=<type> --image=<image>
  → Create a VM instance
- gcloud compute instances list
  → List all VM instances
- gcloud compute instances start <vm-name> --zone=<zone>
  → Start a VM instance
- gcloud compute instances stop <vm-name> --zone=<zone>
  → Stop a VM instance
- gcloud compute instances delete <vm-name> --zone=<zone>
  → Delete a VM instance
- gcloud compute ssh <vm-name> --zone=<zone>
  → SSH into a VM instance

- gcloud compute firewall-rules create <rule-name> --allow tcp:<port>
  → Open a specific port

---

2. Google Kubernetes Engine (GKE)

- gcloud container clusters create <cluster-name> --num-nodes=<num>
  --zone=<zone>
  → Create a GKE cluster
- gcloud container clusters get-credentials <cluster-name> --zone=<zone>
  → Get credentials for the GKE cluster
- kubectl get nodes
  → List cluster nodes
- kubectl get pods -A
  → List all running pods
- kubectl apply -f <file.>
  → Deploy an application to GKE
- kubectl delete -f <file.>
  → Remove an application from GKE
- gcloud container clusters delete <cluster-name> --zone=<zone>
  → Delete a GKE cluster

---

3. Cloud Run (Serverless Containers)

- gcloud run deploy <service-name> --image=<gcr.io/project/image>
  --platform=managed --region=<region> --allow-unauthenticated
  → Deploy an application to Cloud Run
- gcloud run services list
  → List all deployed Cloud Run services
- gcloud run services update-traffic <service-name> --to-latest
  → Update Cloud Run service to the latest image
- gcloud run services delete <service-name>
  → Delete a Cloud Run service

- gcloud run services update <service-name> --set-env-vars VAR_NAME=value
  → Set environment variables in a Cloud Run service

4. Google Cloud Storage (GCS)

- gcloud storage buckets list – List all storage buckets
- gcloud storage buckets create my-bucket --location US – Create a storage bucket
- gcloud storage cp file.txt gs://my-bucket/ – Upload a file
- gcloud storage rm gs://my-bucket/file.txt – Delete a file
- gcloud storage buckets delete my-bucket – Delete a storage bucket

---

5. Google Cloud IAM (Identity & Access Management)

- gcloud iam roles list – List all IAM roles
- gcloud iam service-accounts list – List all service accounts
- gcloud projects add-iam-policy-binding PROJECT_ID --member=user:EMAIL --role=roles/editor – Assign a role to a user
- gcloud projects remove-iam-policy-binding PROJECT_ID --member=user:EMAIL --role=roles/editor – Remove a role from a user

---

Google Cloud SQL (Managed Database Service)

- gcloud sql instances list – List all Cloud SQL instances
- gcloud sql instances create my-db --tier=db-f1-micro --region=us-central1 – Create a Cloud SQL instance
- gcloud sql instances start my-db – Start a Cloud SQL instance
- gcloud sql instances stop my-db – Stop a Cloud SQL instance
- gcloud sql instances delete my-db – Delete a Cloud SQL instance

---

Google Cloud Build (CI/CD)

- gcloud builds list – List all Cloud Build runs
- gcloud builds submit --tag gcr.io/PROJECT_ID/my-app – Build and push an image
- gcloud builds triggers list – List Cloud Build triggers

Google Cloud Deploy (CI/CD)

- gcloud deploy releases list --delivery-pipeline=my-pipeline – List deployment releases
- gcloud deploy rollouts list --release=my-release --delivery-pipeline=my-pipeline – List rollouts

---

Google Cloud Logging & Monitoring

Cloud Logging

- gcloud logging logs list – List available logs
- gcloud logging read "resource.type=gce_instance" --limit 10 – Read VM logs

Cloud Monitoring

- gcloud monitoring metrics list – List available monitoring metrics
- gcloud monitoring dashboards list – List all dashboards

Google Cloud Networking

VPC (Virtual Private Cloud)

- gcloud compute networks list – List VPC networks
- gcloud compute networks create my-vpc --subnet-mode=custom – Create a VPC network

Firewall Rules

- gcloud compute firewall-rules list – List firewall rules
- gcloud compute firewall-rules create allow-ssh --network=my-vpc --allow=tcp:22 – Allow SSH access

Load Balancers

- gcloud compute forwarding-rules list – List all load balancers

---

Google Cloud Security

Cloud Identity-Aware Proxy (IAP)

- gcloud iap web list – List IAP-secured applications
- gcloud iap settings get --resource-type=app-engine – Get IAP settings

Cloud Key Management Service (KMS)

- gcloud kms keyrings list --location global – List key rings
- gcloud kms keys list --keyring my-keyring --location global – List encryption keys

---

Google Artifact Registry

- gcloud artifacts repositories list – List all Artifact Repositories
- gcloud artifacts repositories create my-repo --repository-format=docker --location=us-central1 – Create a Docker registry

---

Google Cloud Pub/Sub (Messaging)

- gcloud pubsub topics list – List all Pub/Sub topics
- gcloud pubsub topics create my-topic – Create a topic

- gcloud pubsub subscriptions list – List all subscriptions
- gcloud pubsub subscriptions create my-sub --topic=my-topic – Create a subscription

---

Google Cloud Backup & Disaster Recovery

- gcloud backup vaults list – List all backup vaults
- gcloud backup policies list – List backup policies

Google Cloud Policies & Governance

- gcloud policy-tags list --location=us – List policy tags
- gcloud resource-manager org-policies list – List all organizational policies

---

Google Cloud Scheduler (Cron Jobs)

- gcloud scheduler jobs list – List all scheduled jobs
- gcloud scheduler jobs create http my-job --schedule="0 * * * *" --uri=https://example.com/cron – Create a scheduled HTTP job

---

Oracle Cloud

1. Compute (VM Instances)

oci compute instance list # List all VM instances
oci compute instance launch --availability-domain <AD> --compartment-id <compartment-ocid> --shape <shape> --image-id <image-ocid> # Create a new VM instance

oci compute instance action --instance-id <instance-ocid> --action START # Start a VM instance
oci compute instance action --instance-id <instance-ocid> --action STOP # Stop a VM instance
oci compute instance terminate --instance-id <instance-ocid> --force # Terminate a VM instance
oci compute instance get --instance-id <instance-ocid> # Get details of a specific VM instance
oci compute image list --compartment-id <compartment-ocid> # List available VM images

---

2. Oracle Kubernetes Engine (OKE)

oci ce cluster create --compartment-id <compartment-ocid> --name <cluster-name> --vcn-id <vcn-ocid> # Create a new Kubernetes cluster
oci ce cluster list --compartment-id <compartment-ocid> # List all Kubernetes clusters
oci ce cluster delete --cluster-id <cluster-ocid> --force # Delete a Kubernetes cluster

kubectl get nodes # List all nodes in the cluster
kubectl get pods -A # List all running pods across namespaces
kubectl apply -f <file.yaml> # Deploy an application using a YAML file
kubectl delete -f <file.yaml> # Remove an application

---

3. Object Storage (Buckets & Files)

oci os bucket list --compartment-id <compartment-ocid> # List all storage buckets
oci os bucket create --compartment-id <compartment-ocid> --name <bucket-name> # Create a new storage bucket

oci os object put --bucket-name <bucket-name> --file <file> # Upload a file to a bucket

oci os object get --bucket-name <bucket-name> --name <file> --file <destination-path> # Download a file from a bucket

oci os object delete --bucket-name <bucket-name> --name <file> --force # Delete a file from a bucket

oci os bucket delete --bucket-name <bucket-name> --force # Delete a storage bucket

---

4. Identity & Access Management (IAM)

oci iam user list # List all users

oci iam policy list --compartment-id <compartment-ocid> # List all IAM policies

oci iam group list # List all IAM groups

oci iam user create --compartment-id <compartment-ocid> --name <username> --description "New User" # Create a new user

oci iam policy create --compartment-id <compartment-ocid> --name <policy-name> --statements "[\"ALLOW GROUP Administrators TO MANAGE ALL-RESOURCES IN TENANCY\"]" # Create a new policy

---

5. Oracle Cloud Database (Autonomous & VM-Based)

oci db autonomous-database list --compartment-id <compartment-ocid> # List all Autonomous Databases

oci db system list --compartment-id <compartment-ocid> # List all Database Systems

oci db autonomous-database create --compartment-id <compartment-ocid> --db-name <db-name> --admin-password <password> # Create an Autonomous Database

```
oci db autonomous-database stop --autonomous-database-id <db-id>  # Stop an
Autonomous Database
oci db autonomous-database start --autonomous-database-id <db-id>  # Start an
Autonomous Database
oci db autonomous-database delete --autonomous-database-id <db-id> --force  #
Delete an Autonomous Database
```

---

6. Load Balancing & Networking

```
oci lb load-balancer list --compartment-id <compartment-ocid>  # List all load
balancers
oci lb load-balancer create --compartment-id <compartment-ocid> --display-name
<lb-name> --shape-name flexible --subnet-ids <subnet-ocid>  # Create a new load
balancer
```

```
oci network vcn list --compartment-id <compartment-ocid>  # List all Virtual
Cloud Networks (VCNs)
oci network subnet list --compartment-id <compartment-ocid>  # List all subnets
oci network security-list list --compartment-id <compartment-ocid>  # List all
security lists
```

```
oci network security-list create --compartment-id <compartment-ocid> --vcn-id
<vcn-ocid> --display-name <name>  # Create a security list
oci network security-list delete --security-list-id <security-list-ocid> --force  #
Delete a security list
```

---

7. Oracle Cloud Logging & Monitoring

```
oci logging log list --compartment-id <compartment-ocid>  # List all logs
oci logging log-group list --compartment-id <compartment-ocid>  # List log
groups
```

oci monitoring metric list --compartment-id <compartment-ocid> # List available monitoring metrics
oci monitoring alarm list --compartment-id <compartment-ocid> # List all alarms
oci monitoring alarm create --compartment-id <compartment-ocid> --display-name <alarm-name> --metric-compartment-id <compartment-ocid> --namespace <namespace> # Create an alarm

---

8. DevOps: OCI DevOps (Code Repos, Builds, Deployments)

oci devops project list --compartment-id <compartment-ocid> # List all DevOps projects
oci devops repository list --compartment-id <compartment-ocid> # List code repositories
oci devops build-pipeline list --compartment-id <compartment-ocid> # List build pipelines
oci devops deployment list --compartment-id <compartment-ocid> # List deployments

oci devops repository create --compartment-id <compartment-ocid> --name <repo-name> # Create a new code repository
oci devops build-pipeline create --compartment-id <compartment-ocid> --name <pipeline-name> # Create a build pipeline
oci devops deployment create --deployment-pipeline-id <pipeline-ocid> --display-name <deployment-name> # Create a deployment

---

9. Oracle Cloud Security (Vault, Keys, Policies)

oci vault vault list --compartment-id <compartment-ocid> # List all vaults
oci vault key list --compartment-id <compartment-ocid> --vault-id <vault-ocid> # List encryption keys

```
oci vault secret list --compartment-id <compartment-ocid> --vault-id <vault-ocid>
# List stored secrets

oci vault key create --compartment-id <compartment-ocid> --display-name
<key-name> --vault-id <vault-ocid>  # Create a new encryption key
oci vault secret create --compartment-id <compartment-ocid> --vault-id
<vault-ocid> --secret-name <secret-name> --secret-content <secret-value>  #
Create a new secret
```