

# Course : Oracle Cloud Infrastructure Foundations

**OFFICIAL COURSE: DIGITAL SUPPORT AVAILABLE FOR 90 DAYS ONLY**

*Practical course - 2d - 14h00 - Ref. OCF*

With this course, you'll gain the knowledge you need to develop a solid foundation in cloud computing. You'll also learn the fundamental concepts and features of Oracle Cloud Infrastructure (OCI).

## Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Identify OCI's main service offerings
- ✓ Understanding the OCI security model
- ✓ Learn about OCI's compliance structure
- ✓ Understand OCI's pricing, support model and operations

## Intended audience

Anyone in a technical, management, sales, purchasing, legal, financial or marketing role. Anyone wishing to understand what the cloud is, with a focus on OCI's offering.

## Prerequisites

Understanding of English and IT-specific English vocabulary. Knowledge of basic cloud computing concepts. Network skills.

## Certification

Successful completion of the exam leads to Oracle Cloud Infrastructure Foundations 2022 Associate certification.

[Comment passer votre examen ?](#)

## Practical details

### Teaching methods

Animation de la formation en français. Support de cours et travaux pratiques en anglais, au format numérique et ACCESSIBLE UNIQUEMENT PENDANT 90 JOURS. Bonne compréhension de l'anglais à l'écrit.

### PARTICIPANTS

Anyone in a technical, management, sales, purchasing, legal, financial or marketing role. Anyone wishing to understand what the cloud is, with a focus on OCI's offering.

### PREREQUISITES

Understanding of English and IT-specific English vocabulary.

Knowledge of basic cloud computing concepts. Network skills.

### TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

## Course schedule

### 1 BEC presentation

- OCI architecture.
- Identity and access management.
- AuthN, AuthZ.
- Compartments.

### 2 Networking

- Routing.
- Safety.
- Load Balancer.

### 3 Calculate

- Basics of instances.
- Scaling.
- Operating system management.

### 4 Storage

- Object storage.
- Block Volume.
- File storage.
- Data migration.

### 5 Database

- OracleMySQL.
- Oracle NoSQL database.
- Stand-alone database.
- Database systems.

### 6 Security

- Vulnerability analysis.
- OCI safe.
- Web application firewall.
- Bastion.
- Cloud Guard.
- Security Zones.
- Security Advisor.

### 7 Application development

- Oracle Container Engine.
- Container Registry (OCIR).
- API gateway.
- Developer Services.
- Resource manager (ORM).
- Functions as a service.

#### ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

#### TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

#### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

#### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) so that we can assess your request and its feasibility.

## 8 Observability and management

- Monitoring.
- Recording.
- Log analysis.

## 9 Analysis and AI

- Data integration.
- Data that counts.
- Data catalog.
- Data science.

## 10 Hybrid Cloud

- Dedicated region.
- Oracle Cloud VMware solution.

## 11 Governance and administration

- Price list.
- Cost management.
- Marking.

## 12 SLA and support

- YEARS.
- Support.