

# Virtualization e-learning channel Proxmox VE

*Practical course - 1d - 04h51 - Ref. 8VV*

*Price : 190 € E.T.*

NEW

Proxmox VE is a complete virtualization platform that simplifies the centralized management of virtual machines and containers, offering a robust and flexible solution for virtualization environments. Learn how to create and manage virtual machines efficiently with our specialized channel on the Proxmox solution.

## Teaching objectives

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

- ✓ Get to grips with the Proxmox VE virtualization platform.
- ✓ Operate a cluster and know the essential commands.
- ✓ Set up centralized storage.
- ✓ Supervising a service with Prometheus.
- ✓ Manage version upgrades.

## Intended audience

Anyone wishing to learn how to create virtual machines and containers.

## Prerequisites

Basic knowledge of network systems.

### PARTICIPANTS

Anyone wishing to learn how to create virtual machines and containers.

### PREREQUISITES

Basic knowledge of network systems.

### TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

### ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

## Practical details

### Digital activities

IT structure: recorded courses, expert videos and best practice sharing.

### Mentoring

The tutoring option offers personalized support from an ORSYS trainer who is an expert in the field. Adapted to the needs, abilities and pace of each learner, this tutoring combines asynchronous follow-up (personalized corrections of exercises, unlimited exchanges by message...) and individual synchronous exchanges. The result: better understanding, skills development and lasting commitment to training.

### Pedagogy and practice

A wealth of content produced by trainers following a rigorous pedagogical approach. During each course, operational cases are commented on by experts to help learners put into practice what they have just learned. To help learners anchor their memory, each content item is broken down into short sequences of 3 to 10 minutes. This enables each learner to learn dynamically and independently.

#### TERMS AND DEADLINES

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

#### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

## Course schedule

### 1 Proxmox VE: Control the deployment of your virtual machines and containers

- Preparation of the base and presentation of the Proxmox solution.
- Cluster installation.
- Storage management.
- Create virtual machines.
- Container creation.

### 2 Proxmox VE: Cluster operation

- Master the Proxmox CLI.
- The network with Proxmox.
- Supervision, logging and updates.