



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

---

**Skontaktuj się z nami**

Email: [szkolenia.ecs.pl@arrow.com](mailto:szkolenia.ecs.pl@arrow.com)  
Phone: 12 616 43 00

**Kod:**                      **Czas trwania:**                      **Cena netto:**

VMW\_DCVCTS              32 Hours (4 days)              zł6,700.00

## Description

This four-day, hands-on training course is an introduction to VMware vSphere. In this course, you acquire the skills needed to perform Day 2 operational tasks that are typically assigned to the roles of operator or junior administrator in a vSphere environment.

## Cel szkolenia

By the end of the course, you should be able to meet the following objectives:

- Describe virtualization and virtual machines
- Describe vSphere components and the software-defined data center (SDDC)
- Explain the concepts of server, network, and storage virtualization
- Monitor network and datastore configurations in VMware vSphere Client
- Deploy, configure, and clone virtual machines
- Migrate, monitor, and manage virtual machines
- Monitor tasks and events in VMware vSphere Client
- Recognize how vSphere DRS and VMware vSphere High Availability improve performance and availability of a vSphere cluster

## Certification

Attending this course is recommended to achieve the following certification:

- VMware Certified Technical Associate - Data Center Virtualization (VCTA-DCV)

## Uczestnicy

Technical professionals with basic system administration skills and operators responsible for managing virtual machines using VMware ESXi and VMware vCenter Server.

## Wymagania wstępne

This course has the following prerequisites:

- Working knowledge of operating systems
- Understanding of basic network, storage, and computer hardware concepts

## Program szkolenia

### 1. Course Introduction

- Introductions and course logistics
- Course objectives

### 2. Virtualization and vSphere Concepts

- Describe how virtual machines (VMs) work
- Recognize the purpose of a hypervisor
- Describe how VMs share resources in a virtualized environment
- Recognize the components of an SDDC
- Describe the relationship between vSphere, the SDDC, and cloud computing
- Recognize the functions of the components in a vSphere environment
- Access and view vSphere graphical user interfaces

- Identify VMware solutions that integrate with vSphere in the SDDC

### **3. Navigating the vSphere Client**

- View and organize the inventory objects managed by vCenter Server
- Add and assign vSphere licenses
- Change the log level of vCenter Server
- Edit the startup policy of ESXi services
- Describe how vCenter Server roles and permissions work
- Add permissions to virtual machines

### **4. Lifecycle of Virtual Machines**

- Add and remove VM virtual hardware components
- Identify the purpose of different VM files
- Configure VM settings
- Create and delete virtual machines
- Recognize the benefits of installing VMware Tools™
- Install VMware Tools into a guest operating system
- Upgrade VMware Tools and VM hardware compatibility

### **5. vSphere Networking**

- Describe virtual networking
- Recognize ways that virtual switches connect VMs and ESXi hosts to the network
- View components and properties of a vSphere standard switch configuration
- View a vSphere distributed switch configuration in vSphere Client
- Recognize when and how to use the settings for the security networking policy
- Recognize when and how to use the settings for the traffic shaping networking policy
- Describe how the NIC teaming and failover policy helps maintain network connectivity
- Perform basic checks to diagnose VM connectivity issues

### **6. vSphere Storage**

- Describe the function of a datastore
- Recognize types of vSphere datastores
- View datastore information in vSphere Client
- Monitor datastore usage in vSphere Client

### **7. Virtual Machine Management**

- Recognize the benefits of using VM templates
- Create and update a VM template
- Deploy a VM from an existing template
- Clone a virtual machine
- Recognize how to use guest OS customization specifications
- Deploy VMs from a content library
- Deploy a virtual appliance from an OVF template
- Perform a hot and cold migrations of VMs
- Identify requirements for using VMware vSphere® Storage vMotion®
- Perform a vSphere Storage vMotion migration
- Identify use cases for VM snapshots
- Create and manage snapshots of a virtual machine

### **8. Resource Monitoring**

- Recognize the purpose of each type of VM resource control
- Configure the resource allocation settings of a VM
- Observe the behavior of virtual machines with different share values
- Manage and acknowledge vSphere alarms
- Use performance charts to monitor VM CPU and memory usage
- Monitor tasks and events in vSphere Client

### **9. vSphere Clusters**

- View information about the services that a vSphere cluster offers
- Recognize how vSphere HA responds to different types of failures
- Monitor vSphere HA during a host failure

- Describe how vSphere DRS works
- Interpret DRS scores given to VMs
- Recognize how to apply the appropriate vSphere DRS automation and migration threshold levels
- Describe how vSphere Fault Tolerance works
- Recognize how Enhanced vMotion Compatibility works

## Terminy

Data	Lokalizacja	Strefa czasowa	Język	Typ szkolenia	Gwarancja	Cena netto
03 Nov 2025	Virtual Classroom	CET	Polish	Instructor Led Online		zł6,700.00

## Dodatkowe informacje

[Jeśli interesują Cię inne szkolenia tego producenta - skontaktuj się z nami.](#)