

Red Hat High Availability Clustering («RH436»)

Learn to design and deploy a high availability cluster

Duration: 4 days

Price: 3'900.–

Vendor code: RH436

Content

Created for senior Linux® system administrators, this 4-day course strongly emphasizes lab-based activities. You'll learn how to deploy and manage shared storage and server clusters that provide highly available network services to a mission-critical enterprise environment.

This course also helps you prepare for the [Red Hat Certified Specialist in High Availability Clustering exam \(EX436\)](#).

- **Clusters and storage**
 - Get an overview of storage and cluster technologies
- **Create high-availability clusters**
 - Review and create the architecture of Pacemaker-based high-availability clusters
- **Nodes and quorum**
 - Review cluster node membership and how quorum is used to control clusters
- **Fencing**
 - Understand fencing and fencing configuration
- **Resource groups**
 - Create and configure simple resource groups to provide high-availability services to clients
- **Troubleshoot high-availability clusters**
 - Identify and troubleshoot cluster problems
- **Complex resource groups**
 - Control complex resource groups by using constraints
- **Two-node clusters**
 - Identify and work around two-node clusters issues
- **ISCSI initiators**
 - Manage iSCSI initiators for access to shared storage
- **Multipath Storage**
 - Configure redundant storage access
- **Logical volume manager (LVM) clusters**
 - Manage clustered LV
- **Global File System 2**
 - Create symmetric shared file systems
- **Eliminate single points of failure**
 - Eliminate single points of failure to increase service availability
- **Comprehensive review**
 - Set up high-availability services and storage

- Install and configure a Pacemaker-based high availability cluster
- Create and manage highly available services
- Troubleshoot common cluster issues
- Work with shared storage (iSCSI) and configure multipathing
- Configure GFS2 file systems

Target audience

Senior Linux system administrators responsible for maximizing resiliency through high-availability clustering services and using fault-tolerant shared storage technologies

Requirements

If you want to take this course without the exam (RH436) and have not earned your RHCE® certification, you can confirm that you have the necessary knowledge by passing the [online skills assessment](#).

- [RHEL 8 – New Features for Experienced Linux Administrators \(«RH354»\)](#)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-digital-transformation-technologies/cloud/red-hat/red-hat-enterprise-linux/course-red-hat-high-availability-clustering-rh436