GALILEU

HCIP Routing & Switching IEEP

Huawei

- **Nível:**
- **Duração:** 35h

Sobre o curso

With **HCIP-Routing & Switching certification**, you demonstrate a comprehensive and thorough understanding of small and medium-sized networks, including general network technologies, and the ability to design small and medium-sized networks independently and implement the designs using Huawei routing and switching devices.
With engineers who are HCIP-Routing & Switching certified, enterprises are able to construct complete small and medium-sized networks and integrate voice, wireless, cloud, security, and storage technologies into their networks in order to support a variety of applications while providing enhanced security, availability, and reliability.

The HCIP Routing & Switching IEEP course is one of the three recommended trainings that prepare you for the HCIP-Routing & Switching certification.

The other 2 recommended courses for this certification are: HCIP Routing & Switching IERS and HCIP Routing & Switching IENP.

This 5 day course prepares you for the H12-223 exam.

Objetivos:

On completion of this program, the participants will be able to:

- Describe PDIOI (Network Planning, Network Design, Network Implementation, Network Operation, Network Improvement).
- Describe Network Migration.

Destinatários

 Those who hope to become a network professional

Those who hope to obtain HCIP-Routing & Switching certification

Pré-requisitos

HCIA certification or the similar knowledge

Programa

Network Planning

Network Design

Network Implementation

Network Maintenance

Network Troubleshooting

Network Optimization

Network Migration

Network Planning

The content of network planning

The method of network planning

Perform network planning properly

Network Design

Common network types

Each layer of the network design

Common products and technologies

Advantages and disadvantages of common protocols

Comprehensive applications of each technical module

The network design methodology

Network Implementation

The project delivery process

The risky operation implementation process

The engineer service standards

Network Maintenance

Routine maintenance tasks

Use network management software to maintain networks

Methods of upgrading device software

The formats of routine maintenance reports

Network Troubleshooting

A structured network troubleshooting process

Network troubleshooting methods based on paths that service traffic passes through

Methods of troubleshooting common network faults

The skills to flexibly use network troubleshooting methods based on practices

Network Optimization

The contents of the professional network optimization service

Network optimization principles

Methods of improving network security

Methods of improving user experience

The contents of a network optimization solution

Network Migration

The project delivery process

The risky operation implementation process

The engineer service standards