

Implementing Enterprise Network Engineering Project (HCIP-R&S-IEEP)

- **Formato do curso:** Presencial
- **Localidade:** Lisboa
- **Data:** 04 Nov. 2019 a 08 Nov. 2019
- **Preço:** 1500€
- **Horário:** Laboral - das 09h00 às 17h00
- **Duração:** 35 horas

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

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 other 2 recommended courses for this certification are: Implementing Enterprise Routing and Switching Network (HCIP-R&S-IERS) and Improving Enterprise Network Performance (HCNP-R&S-IENP).

Destinatários

- Those who hope to become a network professional
- Those who hope to obtain HCIP-Routing & Switching V2.0 certificate

Pré-requisitos

- [HCIA](#) certification or the similar knowledge
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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.
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Programa

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