

DHCP Fundamentals

Course



TRAINING SUMMARY

Overview:

This course provides an overview of Dynamic Host Configuration Protocol (DHCP) principles and protocol.

Objectives:

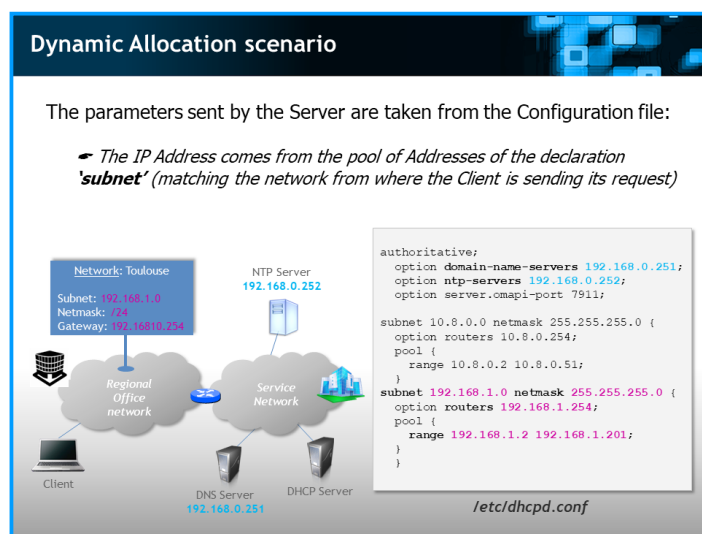
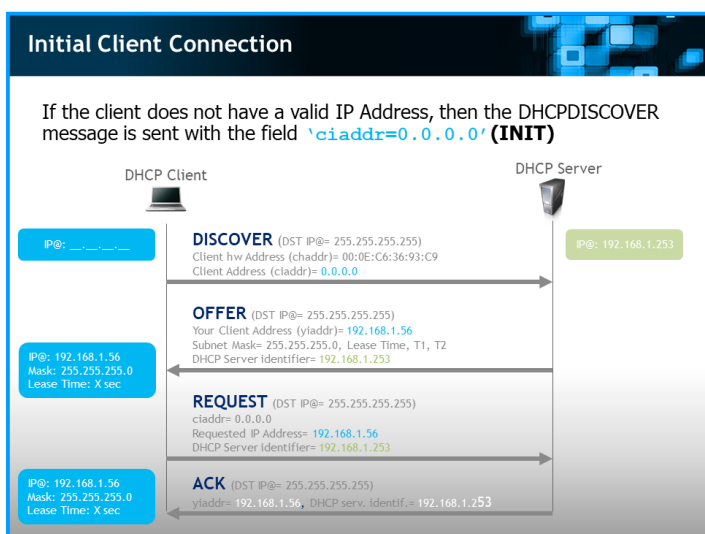
- By the end of the course, the students will be able to:
- Describe the role of the DHCP on the network
- Describe the principles of the DHCP Service
- Describe the message flow between the DHCP Server and the Clients
- Describe the ISC DHCP Server configuration parameters
- Describe the ISC DHCP Failover
- Identify the Microsoft DHCP Server specificities

- **Course type:** eLearning
- **Duration:** 60 min
- **Audience:** System and network administrators
- **Prerequisites:** none
- **Teaching Methodology:** video, quiz
- **Certification:** no (knowledge assessment test proposed at the end of the video)

COURSE STRUCTURE: 10 chapters

- Chapter 1: Introduction to the DHCP Protocol
- Chapter 2: DHCP Protocol description
- Chapter 3: DHCP Protocol message flow
- Chapter 4: DHCP Server Description
- Chapter 5: Introduction to the DHCP Protocol
- Chapter 6: ISC DHCP description
- Chapter 7: Principles of ISC DHCP Failover
- Chapter 8: Microsoft DHCP server
- Chapter 9: Debugging
- Chapter 10: Going further

COURSE ABSTRACT



REV: C-201218

As one of the world's fastest growing DDI vendors, EfficientIP helps organizations drive business efficiency through agile, secure and reliable network infrastructures. Our unified management framework for DNS-DHCP-IPAM (DDI) and network configurations ensures end-to-end visibility, consistency control and advanced automation. Additionally, our unique 360° DNS security solution protects data confidentiality and application access from anywhere at any time. Companies rely on us to help control the risks and reduce the complexity of challenges they face with modern key IT initiatives such as cloud applications, virtualization, and mobility. Institutions across a variety of industries and government sectors worldwide rely on our offerings to assure business continuity, reduce operating costs and increase the management efficiency of their network and security teams.

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