Welcome to SDN and NFV - Introduction

NWV_116d | On-Demand | Custom | Express
Course Duration: 0.5 hours

Software Defined Networking and Network Functions Virtualization are reshaping what networks look like and how they are managed, and are providing significant competitive advantages for those providers who understand and deploy SDN and NFV based solutions. These solutions can improve customer response time and customer satisfaction, reduce errors and provide dynamic solutions that can automatically adjust to customer needs. This self-paced eLearning course provides a high-level understanding of the potential impact of SDN and NFV. It focuses on the business drivers behind the technology and an introduction into what is SDN and NFV without diving into too many details.

Intended Audience

The course is intended for all that are interested in understanding what are SDN and NFV, what are some key drivers, benefits and what the journey to SDN and NFV may look like.

Objectives

After completing this course, the student will be able to:

- Summarize key drivers behind SDN and NFV
- Explain the fundamental shift that SDN and NFV enables
- Describe SDN and NFV each in a sentence
- Describe the differences between an SDN and NFV-based solution and a traditional approach
- Identify some key challenges involved with implementing SDN and NFV on a large scale

Course Prerequisites

No Prerequisites

Outline

1. The Why and What of SDN and NFV
1.1 Why SDN and NFV
1.2 What is SDN and NFV
1.3 Impact to network operator
1.4 SDN and NFV drivers

2. SDN and NFV
2.1 The SDN and NFV shift
2.2 NFV
2.3 Define in Nine
2.4 NFV at a Glance
2.5 SDN
2.6 Define in Nine
2.7 SDN in actions
2.8 Terminology and concepts

3. Benefits and Journey
3.1 Key benefits
3.2 Getting to SDN and NFV

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