



SDN Overview WBT HOLW1AAE

Mobile Communication Service Providers (CSPs) are on the cusp of a multitude of network and business transformation choices. A good conceptual understanding of the new networking and CSP business paradigms is essential for professionals in the communication industry. This course provides a high level view of the impact and benefits of Software Defined Networks, the vision and opportunities created by future CSP networks, as well as a number of example of how SDN could be used to provide services in a Transformed network.

SDN Overview WBT

Price USD \$250

Links to local schedules, pricing and registration [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # HOLW1AAE

Category Cloud

Duration 1 hour

Audience

- The course is intended for all that are interested in understanding what SDN is and how it will transform the CSP network over the next few years.

Course objectives

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

- Describe the concept of Software Defined Networks (SDN)
- List the key components of the SDN architecture
- Identify possible uses of SDN

Course outline

Module 1: SDN Overview

- SDN: Centralized control, distributed traffic
- SDN defined

Module 2: SDN Motivations and Benefits

- Motivation for SDN
- Potential SDN benefits

Module 3: Routing and Forwarding

- Routing and forwarding
- Routing in action
- Forwarding in action
- Control plane and forwarding plane inside a router

Module 4: SDN Principles

- The SDN way
- The Hybrid way

Module 5: SDN Architecture

- SDN architecture
- SDN controller for flow rules
- SDN switch for forwarding

Module 6: SDN in Action

- SDN flow rules in action
- SDN forwarding in action

Module 7: Using SDN

- SDN: Hybrid approach
- SDN: Bandwidth on demand service

Module 8: SDN Challenges**Module 9: End of Course Assessment**

Learn more

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