Software Defined Networking (SDN) Planning Workshop 1.0

Duration: 3 Days   Course Code: SDNPW

Overview:

Due to the multi-vendor nature of networking, it can be difficult to see how to apply Software-Defined Networking (SDN) in your environment. Do you need to buy anything? Can you implement SDN yourself? Do you need to hire someone? Are you locked into a specific vendor? What options are there in choosing a vendor or implementing a multi-vendor solution? Through an analysis of the SDN landscape, you will gain the confidence to begin building your SDN design and migration strategy.

Target Audience:

Technical network administrators, server administrators, security and compliance managers, virtualization administrators, presales technical engineers, and system and network architects involved in the planning and design of an SDN Network.

Objectives:

- **After attending this course you should be able to:**

- Recognize your role and responsibility in SDN

- Understand the underlying technologies that enable SDN, including OpenFlow, north and southbound APIs, controllers, and overlays

- Be aware of thedifferent vendor's approaches to SDN

- Resources, tools, and templates to evaluate SDN solutions

Prerequisites:

Attendees should meet the following prerequisites.

- Attended SDN Fundamentals or Comptia Network +

Content:

SDN diagram

Roles and responsibilities in SDN

Networking and SDN terms and technology

- Network
- Server
- Security
- Storage
- Controllers
- APIs
- Overlays

Business and technical objectives in designing SDN

- Requirements
- Constraints
- Assumptions
- Risks
- Scope
- Vision

Simplifying configuration

- Command-line operation on a network
- GUI interface on an SDN network

Current SDN vendors

Differences and overlaps in multiple vendor offerings

Researching vendor solutions

Questions to ask during an SDN vendor interview

Interviewing an SDN vendor

Gap analysis of SDN vendor solution

Complete a conceptual design of a proposed SDN network

Defend your proposed SDN network design

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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