
Software Defined Networking (SDN) Planning Workshop 1.0

Duration: 3 Days **Course Code: SDNPW** **Version: 1.0**

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 the different vendor's approaches to SDN
 - Resources, tools, and templates to evaluate SDN solutions
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Prerequisites:

Attendees should meet the following prerequisites.

- Attended SDN Fundamentals or Comptia Network +
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Content:

SDN diagram	Current SDN vendors	Gap analysis of SDN vendor solution
Roles and responsibilities in SDN	Differences and overlaps in multiple vendor offerings	
Networking and SDN terms and technology	Researching vendor solutions	Complete a conceptual design of a proposed SDN network
<ul style="list-style-type: none">■ Network■ Server■ Security■ Storage■ Controllers■ APIs■ Overlays	Questions to ask during an SDN vendor interview	Defend your proposed SDN network design
Business and technical objectives in designing SDN	Interviewing an SDN vendor	
<ul style="list-style-type: none">■ Requirements■ Constraints■ Assumptions■ Risks■ Scope■ Vision		
Simplifying configuration		
<ul style="list-style-type: none">■ Command-line operation on a network■ GUI interface on an SDN network		

Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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