Software Defined Networking Fundamentals

Duration: 2 Days   Course Code: SDNF

Overview:

For the past 20 years, networking has not been able to quickly respond to changing business demands. Software-Defined Networking (SDN) promises to change this. SDN empowers the business to control network behavior by emphasizing the application instead of the network infrastructure.
Regardless of your hardware or software environment, this vendor-neutral course offers a clear picture of how SDN: Allows more efficient provisioning of new services and applications, Realises cost savings, Reduces configuration time and errors,Enhances security, Relates to/enhances cloud computing

Target Audience:

This course has been designed for individuals interested in gaining a high-level understanding of SDN

Objectives:

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

- Differentiate between SDN and its myths

- Recognise the current SDN solution providers

- Understand the Business and technical challenges that SDN solves

- Understand how SDN enhances cloud computing

- Recognize howSDN impacts your organization, your team, and you

Prerequisites:

Attendees should meet the following prerequisites:

- A basic understanding of infrastructure and networking terms is helpful but not required.

Follow-on-Courses:

The following courses are recommended for further study:

- SDNPW - SDN Planning Workshop

Content:

Identify and dispel the myths surrounding SDN

Determine the basic feature sets offered by different vendors and identify each vendor's style

- Physical
- Virtual
- Firewall

Define SDN

The Evolution of SDN

Compare a traditional network and a SDN network

SDN terminology

- Controllers
- Devices
- Applications
- APIs (northbound and southbound)
- Planes (mgmt, ctrl, data)

Draw a conceptual diagram of SDN

SDN enabling tools and technologies

Apply SDN to your organizational challenges

Business and technical challenges solved by SDN

Relationship between SDN and cloud computing

Roles and responsibilities in SDN

- IT Management
- Security and compliance
- Network administration
- Server and virtualization administration

How roles in an SDN network differ from a traditional network

How roles change, merge, and re-task for SDN

The need for collaboration between roles

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

training@globalknowledge.com.eg

www.globalknowledge.com/en-eg/

Global Knowledge, 16 Moustafa Refaat St. Block 1137, Sheraton Buildings, Heliopolis, Cairo