Cisco Routing & Switching Associate Training

4 Days Training Program

March 16 - 19, 2020

FFC

Cisco Routing & Switching Associate Training:

The CCNA Routing and Switching is a program developed for network engineers that fully develops and evaluates your networking knowledge and helps you add value to any organization's network.

The CCNA makes you a solid, well-rounded network engineer. After training, you can opt to go for certification. Completing the certification process not only gives you a certificate, it trains you in multiple levels and areas regarding the ability to work with routed and switched networks. The core skills which enhance after this training are Installation, configuration, Operation and Troubleshooting.

This particular training is the gateway to other complex Cisco training modules and certificate programs such as CCNP. Employees working in IT Department of different organizations who aren't CCNA trained / certified have reported that they feel the need of being CCNA Certified in order to keep up with the pace.

Target Audience

Network Administrator

Network support Engineer

Network Engineer Associate

Network Specialist

Network Analyst

Instructor Profile

Mr. Abdul Hafeez is a Certified Network Engineer Cisco & Juniper platform.

He has a BS in Computer Sciences and holds around 20 years of experience related to IT Projects.

He holds extensive experience in Network design, architecture, capacity planning, information & Network security. Support of large-scale multi-vendor networks.

He has Worked with multiple organizations such as Arwen Tech, NDS Technologies, Emerging Systems and Gerry's SoftLogic and is with FFC for last 9 Years.

Day 1: Internetworking and Cisco IOS

Basic Networking

Basic Network Concept

Network Types

The OSI Reference Model

Network devices

Common applications

Media, cables, ports, and connectors

The Cisco IOS Interface

IP Addressing

Type of IP Address

IP Addressing IPv4/v6

Using private and public IP addresses

Day 2: Subnetting, Switching, VLAN's, Wireless LANs

IP Addressing – Subnetting

IP Addressing – VLSM

Virtual Local Area Network (VLAN)

Access / Trunk Ports

Routed Ports

Wireless Access Point

Basic Wireless LAN Controller (WLC)

Switched Virtual Interface (SVI)

InterVLAN Routing

Router on a Stick (ROAS)

Day 3: Router Configuration, Routing, Access Control List

Router Configuration

Console login

VTY Configuration / Session

Configuring Router interfaces

Configuring Loopback interface

 Copying the Cisco IOS to a TFTP Host

Cisco Discovery Protocol (CDP)

Routing Protocol

Basic routing concepts

Router configuration and network connectivity

Differentiate methods of routing and routing protocols

Static Routing and Verification

RIP Routing and Verification

IGRP Routing and Verification

Day 4: Dynamic Routing, IP Services & Security

Routing (Cont.)

EIGRP Routing and Verification

OSPF Single Area Configuration

OSPF DR and BDR elections

IP Services & Security

Dynamic Host Configuration Protocol (DHCP) "IOS Router"

Access Control List (ACL)

Network Address Translation (NAT)

Port Address Translation (PAT)

Network Time Protocol (NTP)

Network device security

Switch Port Security

Password recovery and configuration register

Workshop Dates:

The five-day program will be held from 16 - 19 March 2020.

Venue:

The training will be conducted at FFC Head Office, SONA Towers situated opposite Pearl Continental Hotel on Mall Road in Rawalpindi Cantonment.

Training Fee:

The fee is **Rs. 35,000/-** (excluding tax) per participant.

Inclusive of Course material, Program Certificate, Lunch, Refreshments & Business networking.

Discounts:

Discount of 10% available for all nominations received before 5th Mar 2020. Group discount of 10% for 3 or more nominations from an organization.

Lunch & Refreshments:

Refreshment breaks during the program days along with lunch at our cafeteria are included in the cost.

Registration:

Please fill in our application form for registration and email at **techservices@ffc.com.pk**. Confirmation will be sent within one week of registration.

Payment Mode:

Payment is due upon receipt of the acceptance letter along with the invoice. Please ensure that the payment reaches the office before the start of the program.

Our preferred mode of payment is by cheque / banker's draft payable to Fauji Fertilizer Company Limited.
Please send the cheque / draft to:

Technical Services (HO),
Fauji Fertilizer Company Ltd,
Sona Towers, 156 - The Mall, Rawalpindi,
Tel: +92-51-8454840

Cancellation/Substitutes & Refund:

In case a registered participant is unable to attend, please inform at least 2 days before the workshop for any substitute participation. Cancellation is free up to 7 days before workshop start date (*except for an application processing fee of* **Rs. 5,000**). A refund will not be possible after that or in case of no show.

For Queries Contact:

Phone: +92-51-845-4346
Email: techservices@ffc.com.pk

Cisco Routing & Switching Associate Training

4 Days Training Program (March 16 - 19, 2020)

REGISTRATION FORM

Full Name: _____

Organization: _____

Designation: _____

Professional Experience (total no. of years): _____

Your current responsibilities in the organization: _____

_____

_____

Qualification: _____

CNIC:

					-								-	

Address: _____

City: _____ **Office Land Line:** _____

Cell No: _____ **E-mail:** _____

Thank you!

- On receipt of the application, an acknowledgement E-mail shall be sent to you.
- On receipt and realization of the program fee (by Banker's Draft) the nomination shall be confirmed.
- A program "invite" with complete details (Venue and detailed instructions) shall be communicated shortly thereafter.