Alison
Academic Transcript

Certificate Number: AC-1480-17120717

This is to certify that the management of Alison awarded JOY DEEP SAHA the certificate of completion in Diploma in Computer Networking - Revised under the category IT on 26th June 2020.

Validation: You can check authenticity of this certificate by visiting the following link:
https://alison.com/certification/check/%242y%2410%24Oh9yyLqzaoZZTWd1.oGNj.R11Z0Wbtz6urMIhtLd38DhOrY1BiC6

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Certificate Details

Diploma in Computer Networking - Revised   [Score: 96]

Course Details

This diploma course discusses the basics of networking and local area networks. We lay out network terminology and explain serial data transfer and internet protocol (IP) addresses as we examine the most common types of network. We study the 'open systems interconnection' (OSI) model to illustrate how its layers guide the flow of network traffic. We cover wired and wireless networks and the tools used to manage and troubleshoot them.

Dynamic host configuration protocol (DHCP) is a client/server protocol that enables configured client computers to obtain IP addresses automatically. We outline what information can be obtained from IP addresses using DHCP and the benefits of doing so. We then investigate 'discovery, offer, request, acknowledge' (DORA) discovery and 'automatic private IP addressing' (APIPA), which is a service for assigning unique IP addresses to small office or home networks without deploying the DHCP service.

Setting up a network can help a business make the most of its computer systems and equipment.

Maeve Richardson

Director of Certification

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Modules Studied

Introduction to Local Area Networks

Defining Networks with Osi Model

Networking Fundamentals: Understanding Wired and Wireless Networks

Networking Fundamentals: Understanding Internet Protocol

Networking Fundamentals: Implementing Tcp/ip in the Command

Diploma in Computer Networking - First Assessment

Working with Networking Services

Understanding Wide Area Networks

Defining Network Infrastructure and Network Security

Diploma in Computer Networking - Second Assessment

Course assessment

Maeve Richardson

Director of Certification