



IP Processes and Services

(3 days)



To Register

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COURSE OBJECTIVES

It's no secret that IP and its stack of protocols are at the heart of modern telecommunication networks.

TCP/IP has been deployed on most types of hardware and software platforms available today and forms the backbone of the Internet. As a result, this popular protocol suite has become the standard for building multivendor intranets and internets.

This course provides a comprehensive introduction to TCP/IP. Upon completion of this course, the participants will be able to:

- ✓ Identify the role of each IP component.
- ✓ Describe the transmission process within an IP network.
- ✓ Describe IP application services and its stack of protocols.

INTENDED AUDIENCE

This course is valuable for anyone involved in developing or migrating to IP networks or accessing Internet services. Sales and pre-sales representatives, Account managers, Help desk technicians (level 1), Project Managers and support staff whose functions requires a good level of understanding of an IP network, its components and related services without requiring a deep knowledge of the protocols.

METHODOLOGY

This course uses a more innovative approach to traditional training through the use of simulation. Following instruction of the basic concepts and fundamentals, participants are then asked to role play the various components of an IP network and to manage each step of the IP transmission process between a client station and a server. Through observations, immediate feedback and group discussions, participants will have mastered course content and objectives.





COURSE DESCRIPTION

- Transfer modes
 - ⇒ Synchronous
 - ⇒ Asynchronous
- OSI model vs. IP
- « Client / server » environment
- User applications
 - ⇒ http / WWW
 - ⇒ Telnet
 - ⇒ FTP
 - ⇒ SMTP / POP
- Network services
 - ⇒ DHCP
 - Relay agent
 - ⇒ DNS
 - Primary and secondary servers
 - Zone and domain
- Description of commonly used protocol
 - ⇒ TCP / UDP
 - ⇒ IP
 - ⇒ ARP
 - ⇒ Ethernet, Fast Ethernet, Gigabit
 - ⇒ Ethernet
- Bridging and switching
- Routing
- Leased lines
- ATM and MPLS
- Remote access
 - ⇒ RADIUS server

PRICE

For price information, please contact us at iptraining@argilon.com

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