

Chris Ellis

Networking JumpStart For Busy People

Vol I - Next Generation IP Networks

Part of the Networking JumpStart Video Series

To meet the demand for clear, just-in-time training, EllisTalks has developed a video series on the hottest topics in network communications.

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"Excellent presentation, knowledge, and analogy—I would listen again."

– Bill Cameron, Nortel Networks

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Where Busy People go to Learn

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Approximate duration: 2 hours

An Introduction to IP Networking—A look at connectionless protocols; defining the main components of the IP protocol suite; What is an IP-based application?

Examining an IP Network—How do IP networks work; How do private IP networks differ from the Internet; How does IP traffic move across carrier and ISP networks.

How routers handle IP traffic—How routers work; Examining the constraints that exist for routers and IP packets.

IP addressing—How IP addressing works; The IP datagram format; Roles of TCP and UDP; How routing protocols work; How NAT works; An Intro to IPv6.

MPLS—Defining MultiProtocol Label Switching; Why MPLS?; Examining MPLS terminology; The major MPLS protocols and their basic functions; How MPLS enables performance assurance; MPLS within the carrier's domain; How end users benefit from MPLS.

IPSec-based VPNs—Introducing IPSec VPN concepts; Why IPSec? IPSec's main components introduced: Encryption, Authentication, Key Management; An overview to tunneling modes and tunnel concepts.

Managing QoS in an IP Network—Defining the need for Quality of Service; Why applications need QoS; QoS connections in a connectionless IP world; How does one manage Bandwidth and QoS in a network.

Yes, I want to JumpStart today!

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- Video \$249 + \$11 shipping = **\$260**
- Syllabus \$39 + \$11 shipping = **\$50**

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