

IP Addressing and Subnetting

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IP Addressing and Subnetting is a fundamental subject that's critical for any computer professional to understand, yet students have traditionally had a difficult time grasping it. This course provides a proven way that Current Technologies CLC teaches and explains IP Addressing and Subnetting that is easy-to-understand. This course is designed for any individual seeking a basic understanding of computer network IP addressing and subnetting or individuals who are seeking preparation for Cisco, Microsoft or Linux certification.

Course Outline

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- Decimal / Binary / Hex Conversion
- IP Addressing Fundamentals
- Public Addresses
- Private Addresses
- DHCP / DNS
- What is Subnetting?
- How does Subnetting Work?
- IP Default Subnet Masks for Address Classes A, B, and C
- Calculating the Number of Subnets and Hosts Available using a Custom Subnet Mask
- Calculating the Network Number, Broadcast Address, and Valid Range of Host Addresses when given an IP Address and Custom Subnet Mask
- Network Address Translation (NAT)
- LAB: IP Addressing and Subnetting

**For more information about CTCLC
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