

2210 Network Services (NETWORK)

Army eLearning (<https://usarmy.skillport.com>) offered courses

Comp TIA I-NET+: Internet and Web Technologies

- *Networking Fundamentals*
- *Internet Fundamentals*
- *Internet Client Infrastructure and Applications*
- *Internet Servers and Services*
- *Web Development Fundamentals*
- *Internet Site Development*
- *Networking Security Fundamentals*
- *Securing and Troubleshooting Networks*
- *Business Concepts and the Internet*

Project Management for IT Professionals

- *Introduction to IT Project Management*
- *Functions of IT Project Managers*
- *The Life Cycle of an IT Project*
- *Managing the Execution and Control of IT Projects*
- *Managing Efficiencies of IT Projects*

Strategic Project Management for IT Projects

- *Strategic Planning and Positioning for IT Projects*
- *Strategic Approaches to Managing IT Projects*
- *Estimating the IT Project Work Effort*
- *IT Project Leadership, Authority & Accountability*
- *Managing Multiple IT Projects*
- *Cost Management and IT Project Trade-offs*

Information System Security

- *Security Management and Operations Security Practices*
- *Access Control and Physical Security*
- *Cryptography and Network Security*
- *Security Architecture and Applications Security*
- *Business Continuity Planning, Law, and Ethics*

ATM and Broadband ISDN

- *Overview of ATM*
- *Protocol Models*
- *ATM Standards and Applications*

Telecommunications Fundamentals

- *Telecommunications Essentials*

WAN Basics

- *Introduction to Signals and Signal Transmission*
- *Introduction to communications Methods and Equipment*
- *Introduction to WAN Technologies*

INTRO 2.1: Introduction to Cisco Networking Technologies

- *Basic Networking Concepts*
- *Creating a Simple Ethernet Network*
- *Extending Ethernet Networks*
- *Connecting Networks with Cisco Devices*
- *Constructing IP Networks Addresses*
- *Ensuring Data Delivery in Networks*

- *Remote Network Connectivity*
- *Operations and Configuration of Cisco IOS Switches*
- *Operation and Configuration of CISCO IOS Routers*
- *Managing the Cisco Network Environment*
- *Cisco Network Device Administration*

BCRAN 2.2: Building Cisco Remote Access Networks

- *WAN Technologies, Components and Access Control*
- *Configuring PPP Features*
- *Accessing Broadband Technologies*
- *Using Virtual Private Networks*
- *IKE and IPSec Preparation and Configuration*
- *Remote Connectivity with DDR and ISDN*
- *Enhancing DDR and Dialer Profiles*
- *Configuring Frame Relay with Traffic Shaping*
- *Implementing DDR Backup*
- *Using Qos in Wide Area Networks*

BCMSN 3.0: Building Cisco Multilayer Switched Networks

- *Cisco BCMSN 3.0: Campus Networks*
- *Cisco BCMSN 3.0: Defining Virtual Local Area Networks (VLANs)*
- *Cisco BCMSN 3.0: Implementing Trunks and the Virtual Trunking Protocol (VTP)*
- *Cisco BCMSN 3.0: Implementing Spanning Tree*
- *Cisco BCMSN 3.0: Implementing Inter-VLAN Routing*
- *Cisco BCMSN 3.0: Implementing High Availability In a Campus Environment*
- *Cisco BCMSN 3.0: Wireless LANs*
- *Cisco BCMSN 3.0: Configuring and Implementing WLANs*
- *Cisco BCMSN 3.0: Configuring Campus Switches to Support Voice*
- *Cisco BCMSN 3.0: Mitigating Service Loss and Data Theft*

ONT 1.0: Optimizing Converged Cisco Networks

- *Cisco ONT 1.0: Network Requirements and Introduction to VoIP*
- *Cisco ONT 1.0: Supporting VoIP*
- *Cisco ONT 1.0: IP QoS and its Implementation*
- *Cisco ONT 1.0: Classification and Marking*
- *Cisco ONT 1.0: Queuing*
- *Cisco ONT 1.0: TCP and Qos Traffic Management and Mechanisms*
- *Cisco ONT 1.0: AutoQos*
- *Cisco ONT 1.0: Wireless Implementations*

BSCI 3.0: Building Scalable Cisco Internetworks

- *Cisco BSCI 3.0: Network Requirements*
- *Cisco BSCI 3.0: Configuring EIGRP*
- *Cisco BSCI 3.0: EIGRP Options, Authentication, and Issues*
- *Cisco BSCI 3.0: Configuring Simple Elements of OSPF*
- *Cisco BSCI 3.0: Tuning OSPF Configurations*
- *Cisco BSCI 3.0: Configuring Advanced Elements of OSPF*
- *Cisco BSCI 3.0: The IS-IS Protocol*
- *Cisco BSCI 3.0: Manipulating Routing Updates*
- *Cisco BSCI 3.0: BGP for Enterprise ISP Connectivity*
- *Cisco BSCI 3.0: Tuning BGP Implementations*
- *Cisco BSCI 3.0: Implementing Multicast*
- *Cisco BSCI 3.0: Implementing IPv6*

DESGN 1: Designing for Cisco Internetwork Solutions

- *Introduction to Cisco Security Design Concepts*

CIPT1 6.0: Cisco IP Telephony Part 1

- *Cisco CIPT1 6.0: Introduction to Cisco Unified Communications Manager*
- *Cisco CIPT1 6.0: Administration of Cisco Unified Communications Manager*
- *Cisco CIPT1 6.0: Single-Site On-Net Calling*
- *Cisco CIPT1 6.0: Implementing and Hardening IP Phones*
- *Cisco CIPT1 6.0: Gateways, Routing, and Digit Manipulation*
- *Cisco CIPT1 6.0: Call Privileges and Call Coverage*
- *Cisco CIPT1 6.0: Implementing Media Resources*
- *Cisco CIPT1 6.0: User Features and Call Presence*
- *Cisco CIPT1 6.0: Voice Mail and Video Integration*

CVOICE 6.0: Cisco Voice over IP

- *Cisco CVOICE 6.0: VoIP Overview*
- *Cisco CVOICE 6.0: Understanding VoIP Components and Requirements*
- *Cisco CVOICE 6.0: Understanding Call Types, Analog Voice Ports, and Dial Peers*
- *Cisco CVOICE 6.0: Configuring Digital Voice Ports*
- *Cisco CVOICE 6.0: VoIP Gateway Implementation*
- *Cisco CVOICE 6.0: Dial Plans and Numbering Plans*
- *Cisco CVOICE 6.0: Digit Manipulation, Path Selection, and Calling Privileges*
- *Cisco CVOICE 6.0: Introducing H.323 Gatekeepers*
- *Cisco CVOICE 6.0: Configuring Basic Gatekeeper Functionality*
- *Cisco CVOICE 6.0: ITSP Connectivity*

ARCH 2.0: Designing Cisco Network Service Architectures

- *Cisco ARCH 2.0: Cisco SONA and Cisco enterprise Architecture Design*
- *Cisco ARCH 2.0: Advanced Addressing and Routing Design*
- *Cisco ARCH 2.0: Advanced WAN Services Design*
- *Cisco ARCH 2.0: Enterprise Data Center Design*
- *Cisco ARCH 2.0: Storage Area Network Design Considerations*
- *Cisco ARCH 2.0: E-Commerce Module Design*
- *Cisco ARCH 2.0: Security Services Design*
- *Cisco ARCH 2.0: IPsec and SSL VPN Design*
- *Cisco ARCH 2.0: IP Multicast Design*
- *Cisco ARCH 2.0: Voice Over WLAN Design*
- *Cisco ARCH 2.0: Network Management with Cisco IOS Software*

ICND1 1.0: Interconnecting Cisco Networking Devices Part 1

- *Cisco ICND1 1.0: Network Fundamentals*
- *Cisco ICND1 1.0: Network Communications and Connections*
- *Cisco ICND1 1.0: Switched LANs*
- *Cisco ICND1 1.0: Switch Optimization, Security, and Troubleshooting*
- *Cisco ICND1 1.0: Wireless LANs*
- *Cisco ICND1 1.0: Routing and Addressing in the LAN*
- *Cisco ICND1 1.0: Packet Delivery, Security, and Remote Access on the Router*
- *Cisco ICND1 1.0: WAN Technologies and Routing*
- *Cisco ICND1 1.0: WAN Encapsulation and Dynamic Routing using RIP*
- *Cisco ICND1 1.0: Network Environment Management*

ICND2 1.0: Interconnecting Cisco Networking Devices Part 2

- *Cisco ICND2 1.0: Small and Medium Network Implementations*
- *Cisco ICND2 1.0: Improving Switched Network and VLAN Performance*
- *Cisco ICND2 1.0: Routing Fundamentals, Subnetting, and VLSMs*
- *Cisco ICND2 1.0: Single-Area OSPF Implementation*

- *Cisco ICND2 1.0: EIGRP Implementation*
- *Cisco ICND2 1.0: Access Control Lists*
- *Cisco ICND2 1.0: Address Space Management*
- *Cisco ICND2 1.0: Transitioning to IPv6*
- *Cisco ICND2 1.0: VPN and Point-to-Point WAN Connections*
- *Cisco ICND2 1.0: Extending the LAN to a WAN*

DESGN 2.0: Designing for Cisco Internetwork Solutions

- *Cisco DESGN 2.0: Network Design Methodology*
- *Cisco DESGN 2.0: Structuring and Modularizing the Network*
- *Cisco DESGN 2.0: Multilayer Campus Design*
- *Cisco DESGN 2.0: Designing Enterprise WANs*
- *Cisco DESGN 2.0: IP Address and Routing Protocol Design*
- *Cisco DESGN 2.0: Network Security Solutions*
- *Cisco DESGN 2.0: Voice Networking*
- *Cisco DESGN 2.0: Wireless Networking*

CIPT1 4.1: Cisco IP Telephony Part 1

- *Fundamentals of Cisco CallManager*
- *IP Phones and CallManager Configuration*
- *Cisco Catalyst Switches and IP Communicator*
- *Using the BAT Application and TAPS Tool*
- *Cisco Access Gateways and Intercluster Trunks*
- *Configuring Basic and Complex Route Plans*
- *Telephony Class of Service and Call Admission*
- *Configuring Media Resources and Adding Users*
- *Cisco IP Phone Features, Configuring*
- *Configuring Cisco CallManager Applications*

CIPT2 4.1: Cisco IP Telephony Part 2

- *Securing Cisco CallManager*
- *Toll Fraud Prevention and IP Phone Security*
- *Cryptography and PKI*
- *IP Telephony Authentication and Encryption*
- *IP Video Telephony*
- *Monitoring IP Telephony*
- *Managing the CallManager System*

QoS 2.1: Implementing Cisco Quality of Service

- *Introduction to QoS and QoS Implementation*
- *IP QoS Building Blocks*
- *The Modular QoS CLI and AutoQoS*
- *Introduction to Classification and Marking*
- *QoS Pre-classify, QPPB, and LAN-based Classification and Marking*
- *Congestion Management*
- *Congestion Avoidance*
- *Traffic Policing and Shaping*
- *Link-efficiency Mechanisms*
- *QoS Best Practices*

CVoice 5.0: Cisco Voice Over IP

- *Introducing Voice Over IP*
- *Building and Securing VoIP Networks*
- *Configuring Voice Interfaces*
- *Configuring Dial Peers and Special Purpose Connections*
- *VoIP Signaling and H.323 Call Control*

- *SIP, MGCP, and Call Control Comparison*
- *Designing for Optimal voice Quality*
- *Implementation Call Admission Control*

ISCW 1.0: Implementing Secure Converged Wide Area Networks

- *Cisco ISCW 1.0: Network Connectivity*
- *Cisco ISCW 1.0: Configuring the CPE and Verifying Broadband ADSL*
- *Cisco ISCW 1.0: Frame Mode MPLS Implementation*
- *Cisco ISCW 1.0: IPSec VPNs*
- *Cisco ISCW 1.0: IPSec VPN Configuration*
- *Cisco ISCW 1.0: Configuring Cisco Easy VPN*
- *Cisco ISCW 1.0: Mitigating Network Attacks and Disabling Unused Services*
- *Cisco ISCW 1.0: Securing Routers, Administrative Access, and Access Lists*
- *Cisco ISCW 1.0: Securing Management Features and AAA*
- *Cisco ISCW 1.0: IOS Firewalls and IOS IPS*

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7. Complete every block on the registration form and click on Submit at the bottom of the page.
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