

Cisco 700-150 Exam Preparation 2026

Cisco 700-150 2026 exam prep. Focused, up-to-date study with video lessons and practice scenarios.

[IT Certifications](#) Instructor: Brian Mitchell • 5 sections • 44 lessons • 12.25h total

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About this course

Many professionals struggle to find reliable, up-to-date study materials for the Cisco 700-150 exam. This course cuts through the noise with a focused approach to the 2026 edition, helping you avoid outdated information. We will show you what to expect on the test and how to structure your preparation.

You will learn through video lessons, practical case studies, and downloadable study guides. We cover the key exam domains, provide problem-solving sessions, and include real scenarios that mirror the exam environment.

Course curriculum

Foundations and Exam Overview

- **Understanding the 700-150 Exam Structure (12m)**
Learn the exam format, question types, and scoring to set realistic expectations and avoid surprises on test day.
- **Setting Up Your 2026 Study Plan (18m)**
A step-by-step guide to creating a personalized study schedule using our downloadable template, ensuring you cover all domains.
- **Key Domains for the 2026 Edition (15m)**
We break down the main topics tested in the current exam, so you know exactly where to focus your efforts.
- **Essential Tools and Resources (8m)**
Discover the best practice test engines, simulators, and official resources to use alongside this course.
- **Common Pitfalls to Avoid (14m)**
A real case study analysis of why candidates fail and how to sidestep these mistakes in your preparation.
- **Creating Your Personal Study Environment (10m)**
Practical tips for setting up a distraction-free space and using digital tools to track your progress.
- **How to Use This Course Effectively (7m)**
A walkthrough of the course structure and how to combine lessons with practice tests for maximum retention.

Core Technical Concepts

- **Network Fundamentals for the 700-150 (22m)**
Deep dive into TCP/IP, subnetting, and network models with real-world configuration examples.
- **Cisco Device Configuration Basics (25m)**
Step-by-step guide to setting up routers and switches, including CLI commands you'll see on the exam.
- **Security Principles and Implementation (19m)**
Learn core security concepts like ACLs, firewalls, and VPNs with practical lab scenarios.
- **Wireless Networking Essentials (16m)**
Cover Wi-Fi standards, security protocols, and common troubleshooting steps for wireless networks.
- **Understanding Network Protocols (20m)**
A problem-solving session on key protocols like OSPF, BGP, and DHCP with configuration walkthroughs.
- **Virtualization and Cloud Basics (17m)**
How virtual networks and cloud concepts relate to the 700-150 exam, with simple analogies.
- **IPv4 and IPv6 Addressing (24m)**
Master subnetting and IPv6 configuration through hands-on examples and practice questions.

- **Network Monitoring and Management (13m)**
Learn to use tools like SNMP and syslog for monitoring, with a real case study on a network outage.
- **Troubleshooting Methodologies (21m)**
A systematic approach to diagnosing network issues, based on exam-style scenarios.

Advanced Exam Topics

- **Advanced Routing Techniques (28m)**
Explore route redistribution, summarization, and policy-based routing with downloadable cheat sheets.
- **Switching and VLAN Configuration (23m)**
Step-by-step guide to VLANs, trunking, and Spanning Tree Protocol with interactive diagrams.
- **Quality of Service (QoS) Implementation (18m)**
Learn to prioritize traffic with real-world examples from business networks.
- **Network Security Deep Dive (26m)**
Cover IPS, VPNs, and AAA services with a problem-solving session on securing a network.
- **IPv6 Deployment Strategies (15m)**
Practical steps for transitioning to IPv6, including dual-stack configurations.
- **Wireless Security and Roaming (19m)**
A case study analysis of securing a large wireless network and handling client roaming.
- **Automation and Scripting Basics (12m)**
Introduction to Python and Ansible for network automation, with simple scripts to try.
- **High Availability and Redundancy (20m)**
Design resilient networks with protocols like HSRP and VRRP, using a real failure scenario.

Practical Application and Labs

- **Building a Home Lab for Practice (14m)**
A guide to setting up a virtual lab using GNS3 or Packet Tracer for hands-on practice.
- **Configuring a Small Office Network (30m)**
A complete lab walkthrough from design to implementation, with downloadable configs.
- **Securing a Branch Office Connection (22m)**
Step-by-step lab on setting up VPNs and firewalls for remote sites.
- **Troubleshooting a Simulated Network (25m)**
Real case study where we diagnose and fix a complex network issue step by step.
- **Wireless Site Survey Lab (18m)**
How to plan and deploy a wireless network, with a practical exercise.
- **Implementing IPv6 in a Dual-Stack Environment (24m)**
A hands-on lab to configure and test IPv6 alongside IPv4 on Cisco devices.
- **Network Monitoring Setup Lab (16m)**
Configure SNMP and syslog for monitoring, and interpret the data in a lab environment.
- **QoS Policy Lab for Voice and Video (20m)**
Design and apply QoS policies to ensure quality for real-time applications.
- **Automation Script for Device Backup (13m)**
Write and test a simple Python script to automate configuration backups.

- **High Availability Failover Test (17m)**

Simulate a failure and verify that redundancy protocols work as expected.

Exam Strategy and Final Prep

- **Creating Your Final 30-Day Study Plan (11m)**

A downloadable template and strategy to ramp up your review before the exam date.

- **Practice Test Analysis Techniques (19m)**

How to review your practice test results, identify weak areas, and adjust your study plan.

- **Time Management During the Exam (12m)**

Strategies for pacing yourself and handling difficult questions without panic.

- **Memory Aids and Mnemonics (8m)**

Useful tricks to remember key facts and commands, with a downloadable reference sheet.

- **Last-Minute Review Checklist (10m)**

A prioritized list of topics and commands to review in the final week.

- **Simulating Exam Day Conditions (15m)**

A guided practice session to mimic the real exam environment and reduce anxiety.

- **Handling Exam Anxiety and Stress (9m)**

Practical tips and a problem-solving session for staying calm and focused.

- **What to Expect on Test Day (7m)**

A walkthrough of the exam day process, from check-in to receiving your score.

- **Post-Exam Actions and Next Steps (6m)**

How to interpret your score, plan for a retake if needed, or pursue further certifications.

- **Using Your Certification in the Real World (14m)**

Real case studies on how professionals apply their 700-150 knowledge in jobs and projects.

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