

Cisco 700-905 Exam Prep: Practical Study Guide

Cisco 700-905 exam prep. Scenario-based practice, checklists, and case studies for exam readiness.

IT Certifications Instructor: Jason Miller • 5 sections • 46 lessons • 15.75h total

[View this course online](#) [Browse all courses](#)

About this course

Preparing for the Cisco 700-905 exam can feel overwhelming with so many topics to cover. This course cuts through the noise by focusing on the key domains you need to understand, using clear explanations and relatable examples from real IT environments.

You will learn how to apply Cisco concepts step by step, practice with scenario-based questions, and use downloadable checklists to track your progress. We include practical case studies and focused review sessions.

Course curriculum

Foundations and Exam Overview

- **How the 700-905 Exam Is Structured (12m)**
Walk through the exam blueprint and question formats so you know exactly what to expect on test day.
- **Setting Up Your Study Plan (18m)**
Create a realistic study schedule using a downloadable template to balance review and practice.
- **Understanding Key Cisco Terminology (15m)**
Clarify essential terms and acronyms to avoid confusion during the exam and in real work.
- **Building a Hands-On Lab Environment (25m)**
Set up a safe lab using simulators so you can practice tasks referenced in the exam objectives.
- **Using Practice Questions Effectively (14m)**
Learn how to review answers, identify gaps, and avoid common pitfalls with practice tests.
- **Tracking Progress and Weak Areas (10m)**
Apply a simple tracking method to spot weak areas and focus your time where it matters.
- **Final Pre-Exam Checklist (8m)**
A step-by-step checklist for the day before and day of the exam to reduce stress and stay organized.

Core Concepts and Scenarios

- **Cisco Collaboration Fundamentals (20m)**
Understand core collaboration concepts with real workplace examples and scenario-based review.
- **Cloud vs. On-Premises Deployments (22m)**
Compare deployment models and learn how to choose the right approach for common business needs.
- **Security Basics for Cisco Solutions (24m)**
Review essential security practices and how they apply across Cisco products and services.
- **Networking Essentials for the Exam (26m)**
Connect networking concepts to exam topics with simple diagrams and practical examples.
- **Licensing and Subscriptions Explained (16m)**
Break down Cisco licensing models and how to manage renewals and compliance.
- **Troubleshooting Common Issues (28m)**
Work through a problem-solving session with step-by-step methods for common support tickets.
- **Real Case Study: Small Business Deployment (32m)**
Analyze a real case study to see how exam topics map to actual project decisions.
- **Monitoring and Reporting Tools (18m)**
Learn what metrics to track and which tools help you stay ahead of potential issues.
- **Integration with Third-Party Systems (21m)**
Explore integration patterns and how to validate compatibility with common platforms.

Deep Dive into Exam Domains

- **Deep Dive: Collaboration Architecture (23m)**
Unpack architecture components with clear visuals and practical review questions.
- **Deep Dive: Call Control and Dial Plan (27m)**
Walk through call control logic and dial plan design using lab scenarios.
- **Deep Dive: Quality of Service (QoS) (19m)**
Learn QoS principles with hands-on steps to prioritize voice and video traffic.
- **Deep Dive: Edge Devices and Endpoints (17m)**
Review endpoint setup and management with real device configuration examples.
- **Deep Dive: Cloud Calling Features (29m)**
Explore cloud calling capabilities and how they differ from on-premises setups.
- **Deep Dive: Meeting Solutions (25m)**
Analyze meeting platforms, scheduling, and best practices for user adoption.
- **Deep Dive: Analytics and Insights (14m)**
Understand which analytics to review for performance and user experience improvements.

Advanced Application and Practice

- **Advanced: Multi-Site Deployments (30m)**
Plan and validate multi-site configurations with step-by-step checklists.
- **Advanced: Disaster Recovery Planning (28m)**
Build recovery strategies and test failover scenarios using your lab.
- **Advanced: Security Hardening (26m)**
Apply security hardening steps and review common misconfigurations.
- **Advanced: Automation Basics (22m)**
Introduce simple automation tasks to streamline repetitive setup and monitoring.
- **Advanced: Troubleshooting Complex Scenarios (33m)**
Work through layered troubleshooting exercises with guided root-cause analysis.
- **Advanced: Performance Tuning (20m)**
Tune systems for better performance using practical adjustments and metrics.
- **Advanced: User Adoption Strategies (16m)**
Learn how to drive adoption with training, communication, and feedback loops.
- **Advanced: Compliance and Governance (18m)**
Review governance steps to align solutions with company policies and regulations.
- **Practice Exam Walkthrough Part 1 (35m)**
Solve a set of practice questions and review reasoning for each answer.
- **Practice Exam Walkthrough Part 2 (36m)**
Continue with more questions and refine your test-taking strategy.
- **Peer Discussion: Common Mistakes (12m)**
Summarize frequent mistakes and how to avoid them with a quick review checklist.

Implementation and Next Steps

- **Implementation: Project Kickoff Checklist (13m)**
Use a downloadable checklist to start new Cisco projects on the right foot.
- **Implementation: Stakeholder Communication (15m)**
Prepare clear updates for managers and users with simple templates.
- **Implementation: Pilot Deployment (24m)**
Run a small pilot and validate results before scaling up.
- **Implementation: Rollout Plan (27m)**
Build a phased rollout plan with risk mitigation steps.
- **Implementation: Testing and Validation (21m)**
Set up test scenarios and validate functionality against requirements.
- **Implementation: Documentation Standards (17m)**
Create consistent documentation that helps future teams and auditors.
- **Implementation: Ongoing Maintenance (19m)**
Schedule regular maintenance tasks to keep systems healthy.
- **Implementation: Support Handoff (12m)**
Prepare handoff materials so support teams can manage the solution effectively.
- **Next Steps: Post-Exam Certification Path (14m)**
Plan your next certifications and skills to grow your career.
- **Next Steps: Building a Portfolio (16m)**
Document projects and outcomes to showcase your expertise.
- **Next Steps: Joining the Community (10m)**
Find study groups, forums, and events to stay current and connected.
- **Final Review: Exam Day Strategy (18m)**
Recap key strategies and walk through a calm, structured exam day plan.

Discover our blog

Learn more with free articles written by our professors and guest experts.

Latest article: **[Flight Attendant Preparation: What to Study Before You Apply](#)**

[Visit the blog](#) [All courses](#) [This course](#)