

# Scenarios for Cisco

## Experiential Learning for the Cisco Certified Network Associate (CCNA) & Certified Entry Networking Technician (CCENT)

### Live Hands-on Access to Real Cisco® Network Devices

IT professionals around the world now have fast and easy access to network infrastructure training through Toolwire® Scenarios for Cisco - the ultimate in hands-on anytime access to real network devices. Scenario labs are the most cost-effective live hands-on lab exercises for training on Cisco network technologies.

### Enable Relevant Experiential Learning

Scenarios for Cisco put your training curriculum to use in “Day-in-the-Life” practical, real-world environments combined with live technology. Scenarios provide instant, unscheduled access to real networking configurations from the convenience of a web-browser. They emphasize topics and content to provide the skills and expertise necessary to implement and verify connections to remote sites in a WAN, utilize a variety of protocols, and execute basic security threat mitigation. Imagine if your entire technical staff could build and enhance their skills anytime, anywhere.

### “Day-in-the-Life” of a Network Professional

The integrated avatar-based Scenarios are designed to help students prepare for the CCNA and CCENT exams and to further develop their skills in the context of a real-world networking environment. The Scenarios offer interactive network challenges allowing the student to learn-by-doing and sharpen their networking competencies.

The non-linear Scenarios include unexpected events to reflect real world situations to develop the logic and trouble-shooting skills necessary to solve day-to-day network challenges. Scenarios offer the most effective method to review and practice previously learned skills and prepare for a successful outcome from the CCNA and CCENT exams.

Unlike simulations, Scenario labs reproduce real-world networking challenges. They provide the ability for students to practice and refine their competencies, complementing their day-to-day work experience. This type of experiential learning has been proven to deliver the highest retention among all training methodologies.



### Immediate Return-on-Learning

As part of a blended solution, Scenarios result in immediate savings from the elimination of travel and time away from the workplace and cost a fraction of similar alternatives. More importantly, students prefer Scenarios because they have the ability to tune the pace and timing of training to their schedule and they have the ability to go back and refresh skills when they need them most. There is no need to worry about damage or disruption to any production systems, lost data, or any of the other things that can go wrong when your staff are testing new skills using “in-house” equipment.

### Fully-Immersive, Practical Skills Training Anytime, Anywhere

Scenarios provide training through these components:

**“Day-In-The-Life” Scenarios** - These interactive environments permit users to explore the real-world business situations that typically define network administration requirements to solve actual networking challenges.

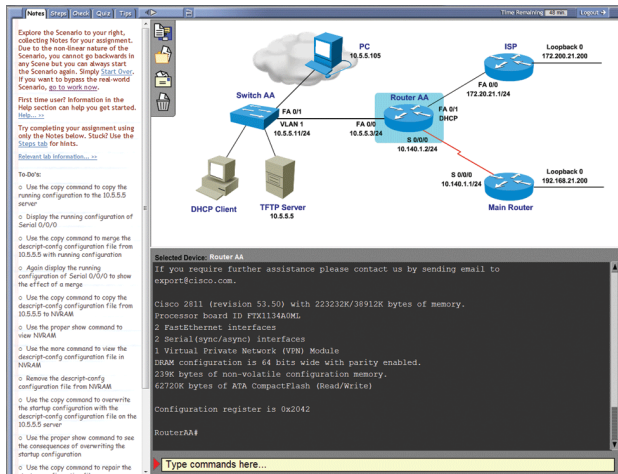
**Live Hands-on Access to Real Devices** - A Flash based interface uses one browser window to access a lab guide, the custom-configured topology, and multiple device Telnet consoles.

**Challenging Lab Guides** - Users will enjoy engaging lab guides which help build experience by presenting the user with real world challenges and step-by-step tools to enrich their learning experience.

**Robust, Real World Topologies** - Scenario labs feature industry-leading device topologies, reflecting real world complexity.

**Just-in-Time Learning & Practice** - Deploying Scenarios as part of a “sandbox” learning environment allows for testing, troubleshooting, practice and review sessions whenever users require.

**Intuitive Interface** - Features an easy to use, integrated, three-pane interface so that users can achieve learning goals instead of wasting time managing multiple Telnet windows.



### The Scenario Advantage

The Scenario Advantage is in having each lab dynamically constructed from a vast library of equipment for each user. Whether you have a small student population or thousands, Toolwire’s unique Dynamic Switching Matrix ensures high performance and availability at all times, scaling to meet demand.

- Additionally, Scenarios for Cisco features include:
- A compelling, personal, and safe online experience
  - Full administrative control to modify device configurations to meet lab goals
  - Firewall friendliness, global accessibility
  - Multiple Telnet sessions managed from a single window
  - The ability to save-n-restore device configurations
  - An option to e-mail configurations for use on production systems
  - A standards-based interface for integration with Learning Management Systems

### Comprehensive Coverage of Networking

The CCNA and CCENT certifications validate a network professional’s ability to install, configure, operate and

troubleshoot routed and switched networks. Network professionals who utilize Scenarios achieve the knowledge and skills required to:

- Manage the planning and design of networks including basic operations
- Implement and configure routers and switches
- Develop security protocols
- Manage and troubleshoot LANs, WANs and VLANs.

As an official Cisco Learning Partner, Toolwire is uniquely authorized to offer



comprehensive Scenarios covering the large variety of topics necessary to gain proficiency with Cisco technologies. Toolwire offers 30 labs for CCNA/CCENT which provides practice and skills development in a variety of areas, such as:

- Operating and Configuring a Cisco IOS Device
- Performing Initial Router Configuration
- Enabling Dynamic Routing to the Main Office
- Implementing a Small Network
- Implementing EIGRP
- Configuring NAT and PAT
- Troubleshooting Frame Relay WANs

Toolwire Scenarios map directly to the current learning objectives within Cisco’s official course curriculum and are specifically aligned to the CCNA and CCENT certifications.

Course	Labs
Interconnecting Cisco Networking Devices Part 1 (ICND1)*	18
Interconnecting Cisco Networking Devices Part 2 (ICND2)	12

\* provides recommended training for the Cisco CCENT.

Practice and refine skills in a known good environment of live network topologies and servers, dedicated to each student. In total, the Scenarios library for Cisco CCNA offers more than 135 hours of equipment time.

The ability to get the most out of your Cisco network investments and meet your business goals is directly tied to the skills and expertise of your IT staff. With the right training, you will ensure your organization retains a competitive edge and realizes a faster return on your most critical resources, your network and your people.