

Cisco Certified Technician Routing and Switching

Learning@Cisco
Datasheet



Certification as a Cisco Certified Technician shows that you have the skills to successfully perform onsite support and maintenance of Cisco networking and systems devices, and work effectively with the Cisco Technical Assistance Center.

Give yourself the best possible chance of passing your certification exam by completing Cisco authorized training.

Intended Target Audience

The primary audience for this certification and training is onsite support technicians, who need product-specific technical skills to diagnose, restore, repair, and replace critical Cisco routing and switching network devices. CCT certification is available in multiple technology tracks, providing an opportunity for support technicians to expand their area of expertise.

Cisco Certified Technicians become members of the largest community of networking professionals in the IT industry and have the opportunity to expand their support, implementation, and design skills through Cisco's other training and certification programs.

Certification Process

Certification is obtained by passing a proctored exam at a Cisco authorized testing center. Certification exams are closed book. Exam topics are posted online at the [Cisco Learning Network](#). Candidates can prepare for the exam by taking the associated recommended Cisco training: Supporting Cisco Routing and Switching Network Devices.

In addition to reviewing the exam topics, certification candidates can use the discussion forums, document sharing, and other interactive features of the Cisco Certified Technician Study Group, also available online at the Cisco Learning Network.

Certified Technician Program

Cisco Certified Technicians have the skills to diagnose, restore, repair, and replace critical Cisco networking and system devices at customer sites. Technicians work closely with the Cisco Technical Assistance Center to quickly and efficiently resolve support incidents. Cisco authorized training is available online and can be completed in multiple short sessions, enabling technicians to stay productive in the field.

Cisco Certified Technician Routing and Switching

Key Features	Key Benefits
Cisco product-specific training	Reduce time to resolution on network-related support calls
Designed by engineers in the Cisco Technical Assistance Center	Resolve common support cases independently and work efficiently with Cisco Support
Modular online format	Minimize time out of field by completing training in short sessions
One-year subscription	Access current product information
Certification based on proctored assessment exam	Increase customer confidence and loyalty in onsite technicians

Routing and Switching Foundation

Many of today's high-value services and solutions are delivered on an IP network connected via routers and switches. For this reason, support of advanced technology solutions such as telepresence or data center systems also requires a basic understanding of routing and switching infrastructure. Cisco recommends onsite support technicians be familiar with the content of the Supporting Cisco Routing and Switching Network Devices training.

Specifications	
Certification Category	Cisco Certified Technician
Certification Title	CCT Routing and Switching
Required Certification Assessment	640-692 RSTECH A 90-minute multiple-choice exam, taken at any worldwide Pearson VUE testing center
Recommended Training	Supporting Cisco Routing and Switching Network Devices
Training Format	<ul style="list-style-type: none"> E-learning uses text, audio narration, graphics, and video Technician-focused content takes no more than 5 - 6 hours to complete Modular format can be completed in multiple short sessions Accessible online 24 hours a day Sold as a one-year subscription
System Requirements	Accessible via common Internet browsers and audio and video players
Prerequisites	No Prerequisites
Availability	Training: Cisco Learning Network Store Exam: Pearson VUE
Recertification	CCT certification is valid for three years. Recertification is achieved by passing any current CCT exam (RSTECH, DCTECH or TPTECH), or any other Cisco Career Certification exam. For more information, visit About Recertification .

Cisco Certified Technician Routing and Switching

Cisco Authorized Training: Supporting Cisco Routing and Switching Network Devices

Give yourself the best possible chance of passing your certification exam by purchasing Cisco authorized training. The online course teaches technicians the most efficient and effective maintenance and troubleshooting procedures, as developed and used by the Cisco Technical Assistance Center.

Training is available for purchase direct from the [Cisco Learning Network Store](#).

Learn More

More information about Cisco Career Certifications and Cisco Learning Products is available at the [Cisco Learning Network](#).

Training Module	Topics
Module 1	Understand routing and switching fundamentals including the Open Systems Interconnection (OSI) model, LAN and WAN topologies, subnetting, addressing, and establishing connectivity.
Module 2	Identify and work with Cisco router and switch models, accessories, cabling, and interfaces.
Module 3	Gather information in Cisco IOS operating environments and from commonly-found software, to evaluate and diagnose network status.
Module 4	Know and use procedures for effective field servicing and equipment replacement, including hot swap, with the support of the Cisco Technical Assistance Center.

