



What You Will Learn

The Cisco 360 Learning Program for CCIE® Voice provides network engineers who have three to five years of experience with an effective, job-relevant, and proven program to build expert-level skills and to prepare for the rigorous Cisco CCIE Voice certification exams.

In as little as six months to one year, you will elevate your command of technical topics and develop the skills necessary to tackle the types of expert-level Voice-over-IP (VoIP) configuration and troubleshooting challenges that appear in real-life networks and in the CCIE Voice Lab Exam.

Authorized by Cisco, this unique program combines expert-level curriculum with current, realistic lab scenarios, and a 360-degree approach to learning.

Challenge

Networks have become essential to business success, yet with the convergence of advanced technologies are becoming more complex. This means Cisco customers—and the Cisco channel partners who serve them—need more experts with knowledge and skills in advanced end to end Voice-over-IP (VoIP) solutions. Because voice networking experts can be hard to find and recruit in the job marketplace, many organizations develop this expertise with their current employees.

Networking professionals and their employers have long recognized Cisco CCIE Voice certification as a validation of expertise and a path for career advancement. However, passing the written and lab exams for CCIE Voice certification has not been easy for many candidates. In the past, CCIE candidates could spend extensive time and effort finding appropriate study resources, training workshops, and lab-practice facilities. Yet this approach does not always meet the goal of cultivating the long-term knowledge and skill needed to be a networking expert.

Now, CCIE Voice candidates can choose the Cisco 360 Learning Program for CCIE voice, the first Cisco-authorized training for Voice experts. The program provides a complete, blended learning solution that saves time, eliminates the need for multiple training resources, and builds expert-level competency. In addition, the content is updated continually to keep pace with expert-level job-training needs and changes in the blueprints for Cisco CCIE exams.

Program Benefits

The Cisco 360 Learning Program is the smart and efficient way for voice network engineers to gain the latest skills, knowledge, and training to prepare for the CCIE Voice certification exams. Additional benefits of the Cisco 360 Learning Program include the following:

- Globally available through authorized Cisco Learning Partners
- Focused program of 6–12 months that optimizes a candidate's study time and reduces time away from the job
- Flexible, 24/7 access to online training content and labs
- Expert-level mentoring and training from the elite Certified Cisco Systems Instructors, who hold CCIE certification
- Rigorous, comprehensive program that reinforces learning through frequent online assessments
- Delivered only by specially qualified Cisco Learning Partners, selected by Cisco for their technical competence, premium service levels, and ability to deliver expert-level training
- Aligned with the latest Cisco products, services

Solution

Cisco CCIE Voice certification is a leader in network engineering technical expertise. This certification offers an innovative and practical way to measure, identify, and develop individual voice network engineers at the expert level.

The Cisco 360 Learning Program for CCIE Voice is the only Cisco-approved, comprehensive training curriculum developed, tested, and proven to build expert-level knowledge and prepare networking professionals for the award-winning Cisco CCIE Voice certification exams.

To achieve the Cisco CCIE Voice certification, candidates must first pass a two-hour, computer-based written exam that contains multiple-choice questions. At a later date, candidates must pass an eight-hour, hands-on lab exam that validates the candidate's ability to respond appropriately to a variety of complex, real-life networking challenges.

The Cisco 360 Learning Program prepares candidates for the CCIE Voice exams through the following services:

- Instructor-led training, both live and recorded
- Downloadable, self-paced lessons
- Hands-on practice scenarios
- Mentoring from peers and instructors
- Performance Assessment labs to assess student learning and provide feedback for further study

Ideal candidates for the Cisco 360 Learning Program for CCIE Voice are voice network engineers seeking to develop expert-level skills in Voice-over-IP (VoIP) technologies. (Table 1)

Table 1. Candidates and Employers That Can Benefit from the Cisco 360 Learning Program

Network Professionals	Organizations
Minimum of three years experience working with Voice-over-IP (VoIP) technologies and protocols	Multiregional organizations with critical needs for professionals with advanced networking skills
Hold a current Cisco CCVP® certification or equivalent industry certification	Cisco Certified Premier Partners
Actively seeking CCIE Voice certification and preparation support for the CCIE Voice Lab Exam	Large systems integrators
Have full-time on-call or on-duty support responsibilities	Network service providers
	Government agencies and contractors

A Choice of Training Solutions

The Cisco 360 Learning Program tailors preparation for the CCIE exams by allowing candidates to choose a mix of training services from specially authorized Cisco Learning Partners. (Table 2)

Table 2. Training Services Offered by the Cisco 360 Learning Program

Training Service	Description
Cisco 360 Online Learning Management System	An online portal where students access training resources such as on-demand videos, quizzes, technical reference library, and mentoring tools. Students can also schedule practice lab sessions, leave comments for a mentor, and track learning progress.
Preassessment Lab	The preassessment diagnostic lab measures the student's starting competency for topics tested on the CCIE Voice exam. A score report helps the student and the Cisco Learning Partner choose an appropriate curriculum and learning service.
Self-Paced Lessons	On-demand lessons combine online audio and video with instructional screens and slides for self-study. The lessons include quizzes that check student understanding, focused exercises for lab practice, and a mentoring guide that helps students apply their learning on the job.
Performance Assessments	Each Cisco Learning Partner offers a suite of learning assessments that can be taken independently or as part of an instructor-led workshop. Each assessment tests the student's knowledge of concepts and technologies and tracks progress against learning goals and other students. A built-in mentoring guide enables a mentor to recommend corrections and best practices for the student's configurations.
Practice Lab Workbook	Presents 25 exercise labs that help students practice and apply their learning about network configurations on a real network topology. The Cisco Learning Partner provides the necessary equipment and network topology for implementing the lab scenarios.
Reference Library	An expansive, searchable technical reference library provides advanced networking documentation and best practices content.

Mentoring Tools	A personalized Mentor Guide includes an explanation of correct networking scenarios, graded lab reports, and best practices. The guide provides directed feedback to help students in diagnosing errors, omissions, and sequencing in their practice lab configurations.
Professional Mentoring Services	<p>Curriculum Planning: The mentor recommends a personalized training plan based on the student's self-assessment and the program's preassessment.</p> <p>Consultation: A mentor coaches the student about preparation for the program's learning assessments.</p> <p>Chalk Talk Sessions: Informal, interactive discussions of network-configuration topics and examples between mentors and students.</p>
Instructor-Led Workshops	Two optional but highly recommended workshops (each as five-day classroom sessions) include more than 45 hours of instructor-led training, 48 hours of graded learning labs, and hours of instructor notes to provide student mentoring and support

Delivered Only by Specially Selected Cisco Learning Partners

Only authorized Cisco Learning Partners can offer the Cisco 360 Learning Program for CCIE Voice. These partners are selected by Cisco for their ability to deliver expert-level training through their Certified Cisco Systems Instructors. In addition, most Cisco Learning Partners accept Cisco Learning Credits, which offer a valuable way to budget and procure Cisco training. For more information and to check if these credits are available in your country, visit <http://www.cisco.com/go/learningcredits>.

Why Cisco?

Cisco has defined the role of an expert network voice engineer through the highly regarded CCIE Voice certification, which has also set the standard for performance-based skills assessment. Only Cisco has the proven experience in measuring the networking expertise achieved by network engineers, whether they work for Cisco, channel partners, or customers.

For More Information

Find out more about Cisco 360 Learning Program packages and resources, including custom training options, visit <http://www.cisco.com/go/360>.



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