



CWNA® - Certified Wireless Network Administrator

Duration: 4 days

Course Overview:

The CWNA certification is a foundational level wireless LAN certification for the CWNP Program. To earn a CWNA certification, you must take the CWNA exam at a Prometric Testing Center and pass with a 70% or higher. Instructors must pass with a 80% or higher. However you choose to prepare for the CWNA exam, you should start with the exam objectives, which cover the full list of skills tested on the exam. The CWNA certification is valid for three (3) years. To recertify, pass one of the professional level certifications exams (CWSP, CWDP, CWAP) BEFORE your CWNA expires. By doing so, the CWNA will be renewed for another three (3) years. Or retake the current version of the CWNA exam.

While the Certified Wireless Specialist (CWSS) and Certified Wireless Technician (CWTS) certifications are not a required prerequisite to the CWNA certification, it is highly recommended. It will provide a solid learning foundation before continuing to pursue the CWNA.

Course Objectives:

A strong foundation you can build upon.

Get a head start right out of the gate with a Certified Wireless Network Administrator (CWNA) certification. It is the base certification for Enterprise Wi-Fi within the CWNP family of certifications and a springboard toward earning your security, design, analysis and network expert certifications.

Do you have an understanding of the fundamentals of wireless technology? Do you know how WLAN work and how it's managed day-to-day? Do you have the ability to install, configure and troubleshoot and maintain wireless networks within small business or Enterprise deployments?

As the demand for wireless continues to grow, so does the need for certified network administrators.

Course Agenda:

- Radio Frequency (RF) Technologies
- Antenna Concepts
- Wireless LAN Hardware and Software
- Network Design, Installation, and Management
- Wireless Standards and Organizations
- 802.11 Network Architecture
- Wireless LAN Security
- Troubleshooting
- How to Perform Site Surveys

Exam Information:

- # CWNA-109
- Duration: 90 minutes
- Questions: 60 multiple choice / multiple answer
- Language: English
- Availability: [Prometric Testing Center](#)

Exam Objectives:

The Certified Wireless Network Administrator (CWNA) understands standards and operations of 802.11 wireless networks. Responsibilities include deploying, managing, monitoring, and basic troubleshooting of these networks. The CWNA can describe devices and operations of current WLAN technologies.

The CWNA exam has no prerequisites; however, the following are recommended knowledge and experience before attempting the CWNA exam:

- Basic knowledge of networking (routers, switches, cabling, etc.)
- Basic knowledge of TCP/IP
- At least 1 year of work experience with wireless LAN technologies

The skills and knowledge measured by this examination are derived from a Job Task Analysis (JTA) involving wireless networking experts (CWNEs) and professionals.

The results of this JTA were used in weighing the subject areas and ensuring that the weighting is representative of the relative importance of the content. When you pass the CWNA exam, you earn credit towards the CWSP, CWDP, CWAP, and CWNE certifications and you earn the CWNA certification. The following table provides the breakdown of the exam as to the distribution of questions within each knowledge domain.

Knowledge Domain	Percentage
Radio Frequency (RF) Technologies	15%
WLAN Regulations and Standards	20%
WLAN Protocols and Devices	20%
WLAN Network Architecture and Design Concepts	15%
WLAN Network Security	10%
RF Validation and Remediation	20%