

Cisco - CWNA - Certified Wireless Network Administrator

Code:	CWNA-SUN
Length:	5 days
URL:	View Online

What You'll Learn attending the Enterprise Wi-Fi Administration course: Background and roles of Wi-Fi governing bodies, including the IEEE and Wi-Fi Alliance Radiofrequency properties and behaviors Wireless signal fundamentals, including measurement principles Antenna information, including types and installation best practices Wi-Fi standards, including 802.11 extensions ac, ad, af, and ah Wi-Fi device types and infrastructure options Wi-Fi communications processes, including connection, roaming, and data transfer General troubleshooting tips to common real-world 802.11n issues Wi-Fi architecture best practices, including both network and wireless design Similarities, differences, and peculiarities about Wi-Fi deployments in differing environments (offices, K-12 education, health care facilities, and more) Security standards, best practices, known vulnerabilities, and remediation techniques for Wi-Fi networks Site surveying, including requirements gathering, design, installation, and validation Troubleshooting methodology, tools, and techniques, along with common issues

Skills Gained

Administrators: network, systems, infrastructure, security, and LAN/WLANs Support professionals: technical assistance and field support Designers: network, systems, and infrastructure Developers: wireless software and hardware products Consultants and integrators: IT and security Decision-makers: infrastructure managers, IT managers, security directors, chief security officers, and chief technology officers CCNA's

Who Can Benefit

The CWNA exam has no prerequisites; however, the following are recommended 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

Prerequisites

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. ♦ Achieving it enhances your networking career profile, providing evidence that you have sought after Wi-Fi knowledge and skills. ♦ The goal of this course is to add Wi-Fi expertise to a networking professional's skillset while covering all CWNA-108 exam topics. ♦ The course begins with discussion topics and hands-on lab exercises covering the basic operation of 802.11 Wi-Fi technology. ♦ Once a base of Wi-Fi knowledge is established, enterprise relevant topics such as Wi-Fi design, security, and troubleshooting are covered. ♦ You will use enterprise-class hardware and software tools during live lab exercises, all accessible remotely for any instructor-led or virtual class. ♦ As an added bonus, you will receive a free exam voucher.

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