

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Exam delivery in the classroom, with a **98% success rate**
- Course-specific thinQtank® Learning publications to make the learning fun and engaging
- Extended hours of training, including immersive hands-on exercises
- **We do not teach the test.** We always deliver valuable hands-on experience
- All reading material and study guides sent to you when you register
- Every course taught by CCIE expert instructors

TRAINING CAMP FORMAT

thinQtank® Learning delivers this course as an **instructor-led training camp**, with the exam sat in the classroom as part of the camp. Camps are scheduled by cohort rather than to a fixed calendar, and the balance of lecture and practical lab work is set to suit the group and the delivery method. Contact us for the schedule covering your dates.

PREREQUISITES

- 350-101 WLCOR, or equivalent wireless experience
- A working knowledge of RF fundamentals and 802.11
- Familiarity with Cisco wireless LAN controllers and access points
- Exposure to survey and planning tools

TARGET AUDIENCE

- Anyone working toward **CCNP Wireless** certification
- Anyone working toward **Cisco Certified Specialist — Wireless Design**
- Wireless network designers and architects
- Engineers responsible for site surveys and coverage planning
- Engineers who inherited a wireless network that has never worked properly

DELIVERY METHODS

- Instructor-led training
- Immersive live-online training
- On-site and custom delivery

COURSE OVERVIEW

thinQtank® Learning offers a training camp for **Designing Cisco Wireless Networks**, a concentration exam in the CCNP Wireless track. As with all our Cisco training experiences, the exam is delivered in the classroom.

This is the design half of wireless: surveying a site properly, working out what the wired and wireless infrastructure has to be, designing mobility so that roaming works rather than merely happens, and building high availability into controllers and access points before they are needed.

If you passed 300-425 ENWLSD within the last three years, you may not need this exam at all — Cisco recognises the old wireless concentrations in the new track. Talk to us before you book: the honest answer may be that WLCOR alone finishes your CCNP Wireless.

EXAM

300-110 WLSLSD v1.2 — Designing Cisco Wireless Networks

Cisco does not publish a duration, question count or pass mark for this exam, so this sheet does not state one.

Passing this exam earns **Cisco Certified Specialist — Wireless Design**. Paired with the WLCOR core it completes **CCNP Wireless**.

This exam replaces **300-425 ENWLSD**, which moved out of CCNP Enterprise when Cisco created the wireless track on 19 March 2026. A pass on ENWLSD within the last three years is recognised in the new track. Verified against Cisco's exam-topics PDF, 1 September 2026.

EXAM DOMAINS 300-110 V1.2

Wireless Site Survey		25%
Wired and Wireless Infrastructure		30%
Mobility		25%
WLAN High Availability		20%

WHERE IT SITS

CCNP Wireless takes two exams: the core, plus one concentration.

WLCOR 350-101 CORE + **WLSLSD 300-110** → CCNP Wireless

The other concentration is **300-120 WLSI**, Implementing Cisco Wireless Advanced Solutions. You need only one of the two.

COURSE OBJECTIVES

On completing this course you will be able to:

- Collect design requirements and evaluate the constraints you have to design within
- Describe material attenuation and account for it in a design
- Perform and analyze a Layer 1 site survey
- Conduct a pre-deployment site survey assessment
- Conduct a post-deployment site survey assessment, and know why both are needed
- Execute a predictive site survey analysis
- Use planning tools and evaluate the network metrics that matter
- Determine the physical infrastructure requirements a wireless design imposes
- Determine the logical infrastructure requirements
- Design radio management systems
- Apply design requirements across the different types of wireless network
- Design the components of a high-density wireless network
- Design wireless bridging and mesh
- Design mobility groups based on mobility roles
- Optimize client roaming
- Validate mobility tunneling for both the data and the control path
- Describe Site Tags and their function
- Design high availability for wireless LAN controllers
- Design high availability for access points

COURSE OUTLINE

01 Wireless Site Survey

- Collecting design requirements and evaluating constraints
- Material attenuation and its effect on design
- Layer 1 site survey and analysis
- Pre-deployment site survey assessment
- Post-deployment site survey assessment
- Predictive site survey analysis
- Planning tools and key network metrics

02 Wired and Wireless Infrastructure

- Physical infrastructure requirements
- Logical infrastructure requirements
- Radio management system design
- Design requirements by network type
- High-density wireless network design
- Wireless bridging and mesh design

COURSE OUTLINE CONTINUED

03 Mobility

- Mobility groups and mobility roles
- Optimizing client roaming
- Mobility tunneling: data path and control path
- Site Tags

04 WLAN High Availability

- High availability for controllers
- High availability for access points

HANDS-ON PRACTICE

Practical work runs throughout the camp and is built around the exam blueprint above, weighted toward the domains that carry the most marks. The balance of instruction and lab time is set to suit the group and the delivery method rather than to a fixed timetable.

Every hands-on exercise is also provided as a virtual build you keep after the camp ends, so the practice does not stop when the week does.

EXCLUSIVE LEARNING PACKAGE

- Comprehensive video training package
- Virtual builds of all labs and hands-on learning objectives, so you can keep practicing after the course ends
- Post-class ongoing Office Hours events — interactive sessions giving you access to top instructors long after your class finishes
- A Cisco-related acronym list to help you with the key terms
- Tips & Tricks — from preparing for your course through post-class review

TERMS

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