

CCNAv7: Switching, Routing, and Wireless Essentials (SRWE) Bridging Course Content Release Notes

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Purpose

The CCNAv7: Switching, Routing, and Wireless Essentials (SRWE) Bridging course content is for learners who have completed CCNAv6 RSE course and plan to take the Cisco Certified Network Associate v2.0 (CCNA 200-301) Certification exam. This bridging course contains four modules that focus on LAN security, securely configuring switches to mitigate attacks, and wireless LAN concepts and configuration.

By the end of the course, students will be able to:

- Configure switch security to mitigate LAN attacks.
- Implement port security.
- Configure VLANs and Inter-VLAN routing, applying security best practices.
- Configure WLANs using a WLC and L2 security best practices.

This instructor-led bridging course includes videos, hands-on labs, Packet Tracer activities, and a wide array of assessment types and tools throughout the curriculum.

CCNAv7: Switching, Routing, and Wireless Essentials (SRWE) Bridging Content

Component	Description
E-Learning Content	4 modules
Videos	13 videos
Labs	2 hands-on labs. CCNAv7 labs were written using Cisco 4221 routers and 2960 switches. Previous equipment such as the 1941 and 2901 routers can be used, but some modifications for router interface names will be required.
Packet Tracer Activities	7 Packet Tracer activities Simulation and modeling activities designed for skills exploration, acquisition, reinforcement and expansion.
Interactive Activities	0 Interactive activities
Syntax Checkers	5 Syntax Checker activities Small simulations that expose learners to Cisco command line to practice configuration skills.
Check Your Understanding (CYU)	17 CYUs

	CYUs are per topic online, self-diagnostic quizzes to help learners gauge content understanding. CYU activities are designed to let students quickly determine if they understand the content and can proceed, or if they need to review. CYU activities do not affect student grades.
Module Quizzes	4 Module Quizzes (Modules 10,11,12, and 13) Self-assessments that integrate concepts and skills learned throughout the series of topics presented in the module.
Module Group Exams	1 Module Group Exams Instructor Activated Assessments that assesses content from multiple modules. These assessment provide learners the opportunity to apply and validate knowledge learned throughout the course.
Final Exam	There are no final exams with the bridging course.
Packet Tracer Skills Assessment (PTSA)	There are no PTSAs with the bridging course.
End-of-Course Feedback	The feedback for the SRWE portion of the course can be provided through the combined End of Course Feedback located in the course.
Accessibility	New UI complies with WCAG 2.1 Level AA Guidelines. All pages contain accessible text and highly descriptive media transcripts. All PDF files in the curriculum have been created with accessible features. Videos have closed captioning available. UI is screen reader and keyboard accessible.
Certificate of Completion	The successful completion of the end-of-course assessment and end-of-course survey are required for receiving the Certificate of Completion.

Equipment List

The equipment list is contained in the scope and sequence document. The list can also be found on [netacad.com](https://www.netacad.com). Although the equipment list has been updated, routers and switches used in the previous versions of CCNA can also be used to achieve the same fundamental CCNA skills for this course.

Known Issues and Caveats	Description
English Spelling	American-English spellings are interspersed in the text of the modules.
Closed Captions	Use the external video link if you are having issues with the embedded videos.
Packet Tracer Program	You must use Packet Tracer version 7.3 to load the Packet Tracer activities within this course and assessments.

Outline

Module	Title
10	LAN Security Concepts
11	Switch Security Configuration
12	WLAN Concepts
13	WLAN Configuration

Support

For general assistance with curriculum, classroom, or program issues, please contact the Networking Academy™ Support Desk by signing into the netacad.com™ learning environment and clicking the Support question mark (?).



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