

CCNA v3.0 Routing and Switching Extreme

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מק"ט: 7361 | 80 ac hours



Cisco CCNA Routing and Switching is a job-role-focused certification program for network engineers that helps them gain meaningful and relevant industry knowledge in networking and demonstrate value to their employers. Individuals who are looking to gain or enhance their networking knowledge and skills can benefit from the training and certification products designed by Cisco, the industry-leader in IP networking.

In addition, the CCNA Routing and Switching certification validates the ability to install, configure, operate, and troubleshoot small, medium, and enterprise networks. Certified professionals have the knowledge and skills to configure, manage and troubleshoot LAN, WAN, and wireless connections.

The course includes two modules: ICND1 and ICND2. The course prepares for the exam 200-125 CCNA - CCNA Routing and Switching.

### מטרות

"<http://www.johnbryce.co.il/training-courses/%D7%9E%D7%A1%D7%9C%D7%95%D7%9C-%D7%94%D7%9B%D7%A0%D7%94-%D7%9C%D7%94%D7%A1%D7%9E%D7%9B%D7%94-ccna-routing-and-switching>">

**לקורס הסבה לתחום הקלק כאן**

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Describe network fundamentals and build simple LANs

Establish Internet connectivity

Manage network device security

Expand small to medium sized networks with WAN connectivity

Describe IPv6 basics

Operate a medium-sized LAN with multiple switches supporting VLANs, trunking, switch stacking, chassis

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aggregation and spanning tree protocols

Troubleshoot IP connectivity

Configure and troubleshoot EIGRP and OSPF in IPv4 and IPv6 environments

Define characteristics, functions and components of a WAN

Describe SNMP, Syslog, and manage Cisco device configurations, IOS images and licenses

Understand QoS, virtualization and cloud services, and network programmability related to WAN, access and core segments.

## קהל יעד

Channel Partner

Customer

Employee

## תנאי קדם

Basic computer literacy Basic Internet usage skills

Basic PC operating system navigation skills

Basic IP address knowledge

Understanding network fundamentals

## נושאים

### ICND1:

Module 1: Building a Simple Network

Module 2: Establishing Internet Connectivity

Module 3: Summary Challenge

Module 4: Building a Medium-Sized Network

Module 5: Network Device Management and Security

Module 6: Summary Challenge

Module 7: Introducing IPv6

## **ICND2:**

Module 1: Implement Scalable Medium-Sized Networks

Module 2: Troubleshooting Basic Connectivity

Module 3: Implementing an EIGRP-Based Solution

Module 4: Summary Challenge

Module 5: Implement a Scalable OSPF-Based Solution

Module 6: Wide-Area Networks

Module 7: Network Device Management and Security

Module 8: Summary Challenge

[עבור לדף באתר](#)