

Changes in Cisco CCNA Certification Exams

Last Updated 29 March 2013

On March 26, 2013, Cisco introduced new certification exams for ICND1, ICND2, and Cisco CCNA® Composite. The updates include comprehensive troubleshooting, IPv6, and the latest Cisco® routing and switching technology and software. The exams are changing to reflect the evolution of industry job roles. Exam 640-822 ICND1 is being replaced by 100-101 ICND1, exam 640-816 ICND2 is being replaced by 200-101 ICND2, and exam 640-802 CCNA is being replaced by 200-120 CCNA.

In the past, the Cisco Networking Academy® program has been able to negotiate an extension of certification exams for NetAcad™ students. However, to conform to American National Standards Institute (ANSI) accreditation requirements, which provide a global benchmark for personnel certification programs, Cisco must now set the same certification end-of-life date for everyone, including Cisco Academies. You can find additional information on the ANSI accreditation of Cisco certifications in the [news release](#) Cisco issued.

The current exams will end-of-life on 30 September 2013. In order for the current exams to apply towards the CCNA Routing and Switching certification, you must take and pass the current exam(s) on or before 30 September 2013, as shown in Table 1.

Table 1. Current and New CCNA Certification Exams

| Current Exam | Current Exam End-of-Life Date | New Exam |
|---------------|-------------------------------|---------------|
| 640-822 ICND1 | 30-SEP-2013 | 100-101 ICND1 |
| 640-816 ICND2 | 30-SEP-2013 | 200-101 ICND2 |
| 640-802 CCNA | 30-SEP-2013 | 200-120 CCNA |

NetAcad is committed to supporting our students and instructors to prepare for the new certification exams by providing appropriate guidance. As the new CCNA Routing and Switching courses become available, our plan is to provide delta information with details on the extent of changes to help students who completed CCNA Discovery or CCNA Exploration courses know what additional topics they need to learn. We also plan to provide instructors with recommended content from the new CCNA Routing and Switching curriculum they can add into CCNA Discovery or CCNA Exploration courses to help prepare students for the new certification exams during this transition.

We encourage and appreciate instructors' feedback and efforts to help us address the knowledge gap for our students—to not only be prepared for the certification exams but to learn new skills that will help them be successful in their careers. As you know, we will have new and exciting contents to teach and learn, such as IPv6, IOS 15.x, HSRP, and EtherChannel.

The following pages contain tables that identify exam topics that have been either removed from, or added to, the new ICND 1 and ICND2 exams.

Table 2 identifies exam topics that have been removed from the new ICND1 100-101 exam.

Table 2. Topics Removed from the ICND1 Exam

| Exam Topics | Description |
|---|---------------------------------------|
| Securing the Network | Removed—covered by CCNA Security exam |
| Understanding the Challenges of Shared LANs | Removed |
| Solving Network Challenges with Switched LAN Technologies | Removed |
| Wireless LANs | Removed—covered by CCNA Wireless exam |
| Using Cisco Security Device Manager (SDM) | Removed |
| Configuring Serial Encapsulation | Removed |
| Enabling Routing Information Protocol (RIP) | Removed |

Table 3 identifies content that has been added to the new ICND1 100-101 exam. Students are encouraged to learn these topics before attempting to take the ICND2 200-101 exam or other associate-level exams.

Table 3. Topics added to the ICND1 Exam

| Exam Topics | Description |
|---|----------------------|
| Implementing Variable-Length Subnet Masks (VLSM) | New—moved from ICND2 |
| Scaling the Network with Network Address Translation (NAT) and Port Address Translation (PAT) | New—moved from ICND2 |
| Managing Traffic Using Access Control Lists (ACLs) | New content |
| Implementing VLANs and Trunks | New—moved from ICND2 |
| Routing Between VLANs | New—moved from ICND2 |
| Implementing single area OSPF | New content |
| Introducing Basic IPv6 | New content |
| Understanding IPv6 | New content |
| Configuring IPv6 Routing | New content |

The ICND2 exam has been redesigned. Table 4 identifies exam topics that have been removed from the new ICND2 200-101 exam.

Table 4. Topics Removed from the ICND2 Exam

| Exam Topics | Description |
|--------------------------------------|----------------------------------|
| Routing Between VLANs | Removed—covered by ICND1 |
| Securing the Expanded Network | Removed—covered by CCNA Security |
| Implementing VLSM | Removed—covered by ICND1 |
| Scaling the Network with NAT and PAT | Removed—covered by ICND1 |

Table 5 identifies content that has been added to the new ICND2 200-101 exam.

Table 5. Topics added to the ICND2 Exam

| Exam Topics | Status |
|---|-------------|
| Troubleshooting VLAN Connectivity | New content |
| Understand Spanning Tree Protocol | New content |
| Understand and configure Etherchannel | New content |
| Understand Layer 3 Redundancy Protocols | New content |
| Troubleshooting IPv4 Network Connectivity | New content |
| Troubleshooting IPv6 Network Connectivity | New content |
| Implementing EIGRP | New content |
| Troubleshooting EIGRP | New content |
| Implementing EIGRP for IPv6 | New content |
| Multi-area OSPF IPv4 Implementation | New content |
| Understanding and configuring OSPFv3 | New content |
| Understanding and configuring clients for SNMP, Syslog, and Netflow | New content |
| Managing Cisco devices | New content |
| Understanding and verifying Cisco licensing | New content |



Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)