

Cisco Routing & Switching Certification Path

CCENT

The CCENT certification validates the skills required for entry-level network support positions, the starting point for many successful careers in networking. CCENT certified professionals have the knowledge and skill to install, operate, and troubleshoot a small enterprise branch network, including basic network security.

1. [Interconnecting Cisco Networking Devices Part 1 \(ICND1\)](#)

CCNA Routing & Switching

As Enterprises migrate toward controller-based architectures, the role and skills required of a core network engineer are evolving and more vital than ever. To prepare for this network transition, the CCNA Routing and Switching certification will not only prepare you with the knowledge of foundational technologies, but ensure you stay relevant with skill sets needed for the adoption of next generation technologies.

1. [Interconnecting Cisco Networking Devices Part 1 \(ICND1\)](#)
2. [Interconnecting Cisco Networking Devices Part 2 \(ICND2\)](#)
3. [Interconnecting Cisco Networking Devices Accelerated \(CCNAX\)](#)

CCNP Routing & Switching

Cisco Certified Network Professional (CCNP) Routing and Switching certification validates the ability to plan, implement, verify and troubleshoot local and wide-area enterprise networks and work collaboratively with specialists on advanced security, voice, wireless and video solutions.

1. [Implementing Cisco IP Routing \(ROUTE\)](#)
2. [Implementing Cisco IP Switched Networks \(SWITCH\)](#)
3. [Troubleshooting and Maintaining Cisco IP Networks \(TSHOOT\)](#)

CCIE Routing & Switching

Cisco Certified Internetwork Expert Routing and Switching (CCIE Routing and Switching) certifies the skills required of expert-level network engineers to plan, operate and troubleshoot complex, converged network infrastructure.

1. [Cisco 360 CCIE R&S Advanced Workshop 1 \(CIERS1\)](#)
2. [Cisco 360 CCIE R&S Advanced Workshop 2 \(CIERS2\)](#)