



# Network Engineering

MCSA 2016 | MCSE 2016 | Exchange Server | RHCE |  
 CCNA (R&S, Security, Collaboration, Service Provider) |  
 CCNP (R&S, Security, Collaboration, Service Provider) |  
 CCIE (R&S, Security) | LAPTOP ENGINEERING with  
 WIRELESS NETWORKING | CEH | CISSP | INP | INE |  
 Master of Laptop Engineering (MLE)

► **MCSE : Microsoft Certified Solutions Expert on Server 2016**

Microsoft Certified Solutions Expert is a certification intended for IT professionals seeking to demonstrate their ability to build innovative solutions across multiple technologies, both on-premises and in the cloud. Windows Server 2016 certification qualifies you for a position as a network or computer systems administrator or as a computer network specialist. This certification validates that you have the skills needed to run a highly efficient and modern data center, with expertise in cloud technologies, identity management, systems management, virtualization, storage, and networking.

**Required Exams:**

Exam 70-740/Course 20740A-Installation, Storage, and computer with Windows Server 2016

Exam 70-741/Course 20741A-Networking with Windows Server 2016

Exam 70-742/Course 20742A-Identity with Windows Server 2016

Exam 70-744/Course 20744A-Securing Windows Server 2016

► **MCSA : Microsoft Certified Solutions Associate on Server 2016**

Microsoft Certified Solutions Associate is intended for people who seek entry-level jobs in an information technology environment. MCSA is a prerequisite for more advanced Microsoft certifications. Prove your mastery of the primary set of Windows Server 2016 skills required to reduce IT costs and deliver more business value.

**Required Exams:**

Exam 70-740/Course 20740A-Installation, Storage, and computer with Windows Server 2016

Exam 70-741/Course 20741A-Networking with Windows Server 2016

Exam 70-742/Course 20742A-Identity with Windows Server 2016

► **Cisco Associate Level Certifications**

The associate-level certification programs have been redesigned to better align with evolving industry job roles and provides the skills networking professionals need to successfully manage cutting edge network solutions. Candidates now need to pass only two required exams to achieve advanced technology certifications in an accelerated manner.

► **CCNA Routing & Switching**

Required Exam(s)	Recommended Training
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200-125	Interconnecting Cisco Networking Devices: Accelerated
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► **CCNA Collaboration**

Required Exam(s)	Recommended Training
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210-060	CICD Implementing Cisco Collaboration Devices (CICD)
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► **CCNA Security**

Required Exam(s)	Recommended Training
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210-260	IINS Implementing Cisco Network Security (IINS)
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► **CCNA Service Provider**

Cisco Certified Network Associate Service Provider (CCNA SP) certification is for service provider network engineers, technicians and designers who focus on the latest in Service Provider industry core networking technologies and trends. With the ability to configure, implement, and troubleshoot baseline Cisco Service Provider Next-Generation networks, CCNA SP certified individuals deploy, maintain and improve carrier-grade network infrastructures.

Required Exam(s)	Recommended Training
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640-875	SPNGN1 Building Cisco Service Provider Next-Generation Networks, Part 1 (SPNGN1)
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640-878	SPNGN2 Building Cisco Service Provider Next-Generation Networks, Part 2 (SPNGN2)
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► **Cisco Certified Network Professional (CCNP)**

The CCNP 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. In addition to CCNA Exams, professionals must pass three separate professional-level exams.

► **CCNP Routing & Switching**

Required Exam(s)	Recommended Training
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300-101	ROUTE Implementing Cisco IP Routing (ROUTE)
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300-115	SWITCH Implementing Cisco IP Switched Networks (SWITCH)
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300-135	TSHOOT Troubleshooting and Maintaining Cisco IP Networks (TSHOOT)
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▶ **CCNP Collaboration**

Required Exam(s)	Recommended Training
300-070 CIPTV1	Implementing Cisco IP Telephony and Video, Part 1 (CIPTV1)
300-075 CIPTV2	Implementing Cisco IP Telephony and Video, Part 2 (CIPTV2)
300-080 CTCOLLAB	Troubleshooting Cisco IP Telephony and Video (CTCOLLAB)
300-085 CAPPSS	Implementing Cisco Collaboration Applications (CAPPSS)

▶ **CCNP Security**

Required Exam(s)	Recommended Training
300-208 SISAS	Implementing Cisco Secure Access Solutions (SISAS)
300-206 SENSS	Implementing Cisco Edge Network Security Solutions (SENSS)
300-209 SIMOS	Implementing Cisco Secure Mobility Solutions (SIMOS)
300-210 SITCS	Implementing Cisco Threat Control Solutions (SITCS)

▶ **CCNP Service Provider**

The Cisco Certified Network Professional Service Provider (CCNP Service Provider) certification is for service provider network engineers, systems engineers, and network specialists who are responsible for delivering a scalable carrier-grade infrastructure capable of rapid expansion to support ongoing introduction of new managed services and other customer requirements.

Required Exam(s)	Recommended Training
642-883 SPROUTE	Deploying Cisco Service Provider Network Routing (SPROUTE)
642-885 SPADVROUTE	Deploying Cisco Service Provider Advanced Routing (SPADVROUTE)
642-887 SPCORE	Implementing Cisco Service Provider Next-Generation Core Network Services (SPCORE)
642-889 SPEDGE	Implementing Cisco Service Provider Next-Generation Edge Network Services (SPEDGE)

▶ **Hardware (A+), Networking (N+) & Laptop Engineering**

The A+ Certification helps to get knowledge of hardware and operating systems installation, configuration, and maintenance.

Enhance your technical abilities in network administration and support, and further your skills and training in media, protocols and standards, network implementation, and network management.

Laptop Service Industry is now one of the fastest Growing Industry in the world. Inet's Master of Laptop Service Engineering with Wireless networking Course will help you to have to achieve the speed that you will need to lead the laptop service Industry.

▶ **CCIE**

The Cisco Certified Internetwork Expert (CCIE) and Cisco Certified Design Expert (CCDE) certifications are accepted worldwide as the most prestigious networking certifications in the industry. Network Engineers holding an active Cisco CCIE or CCDE certification are recognized for their expert network engineering skills. The CCIE/CCDE community has established a reputation of leading the networking industry in deep technical networking knowledge and are deployed into the most technically challenging network assignments. The program continually updates and revises its testing tools and methodologies to ensure unparalleled program quality, relevance and value. Through a rigorous written exam and a performance based lab, these expert-level certification programs set the standard for internetworking expertise.

▶ **Cisco Certified Internetwork Expert Routing and Switching**

**Required Exam(s)**  
400-101 CCIE Associated Certifications: CCIE Routing and Switching  
CCIE Lab Exam: The eight-hour lab exam tests your ability to configure actual equipment and troubleshoot the network in a timed test situation.

▶ **The Cisco Certified Internetwork Expert Security**

**Required Exam(s)**  
400-251 CCIE Security Associated Certifications: CCIE Security  
CCIE Security Lab Exam: The eight-hour lab exam tests your ability to get a secure network running in a timed test situation.

The Cisco CCIE Security v5.0 unifies written and lab exam topics documents into a unique curriculum, while explicitly disclosing which domains pertain to which exam, and the relative weight of each domain. Knowledge of troubleshooting is an important skill and candidates are expected to diagnose and solve issues as part of the CCIE lab exam.

▶ **RedHat Certified Engineer (RHCE)**

Red Hat Certified Engineer (RHCE) is a performance-based test that measures actual competency on live systems. Called the "crown jewel of Linux certifications," RHCE proves an individual's ability to configure networking services and security on servers running a Red Hat OS. RHCE was recently named the hottest certification in all of IT by CertCities.com.

**Certification Programe Requirements**

Candidates for RHCE must also earn a RHCSA certification. Candidates may take the RHCE Exam (EX300) before the RHCSA Exam (Ex200), but the RHCSA must be earned before RHCE is awarded.



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