

Set a Path to Success in IT Networking

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CAREER	Data Center Data Center Engineer	Routing and Switching Network Engineer	Video Video Network Engineer	Voice Voice Network Engineer Collaboration Architect and Engineer	Security Network Security Engineer	Wireless Wireless Network Engineer	Service Provider Service Provider Network Engineer	Service Provider Operations Service Provider Operations Engineer	Design Network Designer/Architect
ARCHITECT									CCAr® Required exams: CCAr Board Exam Recommended preparation: Refer to CCAr exam syllabus on the Cisco Learning Network Prerequisites: CCDE certification
EXPERT	CCIE Data Center Required exams: CCIE Data Center Written Exam 350-080 and CCIE Data Center Lab Exam Recommended preparation: Contact your local Cisco Authorized Learning Partner Years of experience: Minimum 7 years of job experience	CCIE® Routing and Switching Required exams: CCIE R&S Written Exam 350-001 and CCIE R&S Lab Exam Recommended preparation: Cisco Expert-Level Training for CCIE R&S Years of experience: Minimum 7 years of job experience		CCIE Voice Required exams: CCIE Voice Lab Exam CCIE Collaboration Required exams: CCIE Collaboration Written Exam 400-051 and CCIE Collaboration Lab Exam Recommended preparation: Cisco Expert-Level Training	CCIE Security Required exams: CCIE Security Written Exam 350-018 and CCIE Security Lab Exam Recommended preparation: Contact your local Cisco Authorized Learning Partner Years of experience: Minimum 7 years of job experience	CCIE Wireless Required exams: CCIE Wireless Written Exam 350-050 and CCIE Wireless Lab Exam recommended Recommended preparation: Contact your local Cisco Authorized Learning Partner Years of experience: Minimum 7 years of job experience	CCIE Service Provider Required exams: CCIE Service Provider Written Exam 350-029 and CCIE Service Provider Lab Exam Recommended preparation: Contact your local Cisco Authorized Learning Partner Years of experience: Minimum 7 years of job experience	CCIE SP Operations Required exams: CCIE SP Operations Written Exam 350-060 and CCIE SP Operations Lab Exam Recommended preparation: Contact your local Cisco Authorized Learning Partner Years of experience: Minimum 7 years of job experience	Required exams: CCDE Written Exam 352-001 and CCDE Practical Exam Recommended preparation: Contact your local Cisco Authorized Learning Partner Years of experience: Minimum 7 years of job experience
PROFESSIONAL	CCNP® Data Center Required exams: 642-999 (DCUCI), 642-997 (DCUFI) and 642-988 (DCUCD), 642-996 (DCUFD) or 642-035 (DCUCT), 642-980 (DCUFT) Recommended training: Implementing Cisco Data Center Unified Computing (DCUCI), Implementing Cisco Data Center Unified Fabric (DCUFI), Designing Cisco Data Center Unified Computing (DCUCD), Designing Cisco Data Center Unified Fabric (DCUFD), Troubleshooting Cisco Data Center Unified Computing (DCUCT), Troubleshooting Cisco Data Center Unified Fabric (DCUFT) Prerequisite: CCNA Data Center or any CCIE certification can act as a prerequisite	Required exams: 642-902 (ROUTE), 642-813 (SWITCH), and 642-832 (TSHOOT) Recommended training: Implementing Cisco IP Routing (ROUTE), Implementing Cisco Switched Networks (SWITCH), and Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) Prerequisite: CCNA or any CCIE is required		(CIPT1), 642-457 (CIPT2), 642-467 (CAPPS), 642-427 (TVOICE) Recommended training: Implementing Cisco Voice Communications and QoS (CVOICE). Implementing Cisco Unified Communications Manager, Part 1 (CIPT1), Implementing Cisco Unified Communications	Required exams: 300-206 (SENSS), 300-207 (SITCS), 300-208 (SISAS), 300-209 (SIMOS) Recommended training: Implementing Cisco Edge Network Security Solutions (SENSS), Implementing Cisco Threat Control Solutions (SITCS), Implementing Cisco Secure Access Solutions (SISAS), Implementing Cisco Secure Mobility Solutions (SIMOS) Prerequisite: Valid CCNA Security or any CCIE is required	Required exams: 642-732 (CUWSS), 642-742 (IUWVN), 642-747 (IUWMS) and 642-737 (IAUWS) Recommended training: Conducting Cisco Unified Wireless Site Survey (CUWSS), Implementing Cisco Unified Wireless Voice Networks (IUWVN), Implementing Cisco Unified Wireless Mobility Services (IUWMS), and Implementing Advanced Cisco Unified Wireless Security (IAUWS) Prerequisite: CCNA Wireless or any CCIE is required	Required exams: 642-883 (SPROUTE), 642-885 (SPADVROUTE), 642-887 (SPCORE), 642-889 (SPEDGE) Recommended training: Deploying Cisco Service Provider Network Routing (SPROUTE), Deploying Cisco Service Provider Advanced Network Routing (SPADVROUTE), Implementing Cisco Service Provider Next-Generation Core Network Services (SPCORE), Implementing Cisco Service Provider Next-Generation Edge Network Services (SPEDGE) Prerequisite: Valid CCNA Service Provider, or valid CCNA (R&S) plus must have passed minimum of 1 CCIP exam (QOS, BGP, MPLS, BGP+MPLS, ROUTE, BSCI), or valid CCIP, or any CCIE certification	CCNP SP Operations Required exams: 642-770 (OFCN), 642-775 (MSPRP), 642-780 (MSPVM), 642-785 (MSPQS) Recommended training: Operational Foundations for Cisco Service Provider Core Networks (OFCN), Maintaining Cisco Service Provider Routing Protocols (MSPRP), Maintaining Cisco Service Provider VPNs and MPLS Networks (MSPVM), Maintaining Cisco Service Provider Quality of Service (MSPQS) Prerequisites: CCNA Service Provider Operations, or any CCIE certification will act as a prerequisite	Required exams: 642-902 (ROUTE), 642-813 (SWITCH), 642-874 (ARCH) Recommended training: Implementing Cisco IP Routing (ROUTE), Implementing Cisco IP Switched Networks (SWITCH), Designing Cisco Network Service Architectures (ARCHv2.1) Prerequisite: Valid Cisco CCDA and CCNA certifications or a Cisco CCIE certification in any track can act as a prerequisite
ASSOCIATE	CCNA Data Center Required exams: 640-911 (DCICN) and 640-916 (DCICT) Recommended training: Introducing Cisco Data Center Networking (DCICN), Introducing Cisco Data Center Technologies (DCICT) Prerequisite: No prerequisites	CCNA Routing and Switching Required exams: 200-120 (CCNA) or 100-101 (ICND1) and 200-101 (ICND2) Recommended training: Interconnecting Cisco Networking Devices: Accelerated (CCNAX) or Interconnecting Cisco Networking Devices Part 1 (ICND1) and Interconnecting Cisco Networking Devices Part 2 (ICND2) Prerequisite: Valid CCENT or any CCIE certification can act as a prerequisite	CCNA® Video Required exams: 200-001 (VIVND) and 640-461 (ICOMM) Recommended preparation: Implementing Cisco Video Network Devices, Part 1 (VIVND1), Implementing Cisco Video Network Devices, Part 2 (VIVND2), Introducing Cisco Voice and Unified Communications Administration (ICOMM) Prerequisite: No prerequisites	CCNA Voice Required exams: 640-461 (ICOMM) Recommended training: Introducing Cisco Voice and Unified Communications Administration (ICOMM) Prerequisite: Valid CCENT or any CCIE certification can act as a prerequisite	CCNA Security Required exams: 640-554 (IINS) Recommended training: Implementing Cisco IOS Network Security (IINS) Prerequisite: Valid CCENT or any CCIE certification can act as a prerequisite	CCNA Wireless Required exams: 640-722 (IUWNE) Recommended training: Implementing Cisco Unified Wireless Networking Essentials (IUWNE) Prerequisite: Valid CCENT or any CCIE certification can act as a prerequisite	CCNA SP Required exams: 640-875 (SPNGN1) and 640-878 (SPNGN2) Recommended training: Building Cisco Service Provider Next-Generation Networks, Part 1 (SPNGN1) and Building Cisco Service Provider Next-Generation Networks, Part 2 (SPNGN2) Prerequisite: No prerequisites however 1-3 years experience working in SP network environment is recommended	CCNA SP Operations Required exams: 640-760 (SSPO) Recommended training: Supporting Cisco Service Provider IP NGN Operations (SSPO) Prerequisite: Valid CCENT, or CCNA Routing and Switching, or any CCIE Certification can act as a prerequisite	CCDA® Required exams: 640-864 (DESGN) Recommended training: Designing for Cisco Internetwork Solutions (DESGN) Prerequisite: General CCNA-level knowledge, and SWITCH knowledge is assumed
ENTRY	REQUIRED RECOMMEN			CCENT® Required exams: 100-101 (ICND1) Recommended training: Interconnecting Cisco Networking Devices Part 1 (ICND1) Prerequisite: None					

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