

Networking Vendor Neutral

1,Introduction to Networking

2,Network Topologies

2 tier

3 tier

Spine-leaf

WAN

Small office/home office (SOHO)

On-premises and cloud

3,Networking Devices

Routers

L2&L3 Switches

Nextgen Firewalls

IPS

AP

Controllers(cisco and WLC)

Endpoints

Servers

4,Coaxial Cabling

5,Twisted Pair Cabling

6,Cat cable ratings

7,Fiber Optic Cabling

8,Fire ratings

9,Legacy Network Connections

10,Ethernet

11,Structured Cabling

12, Identify interface and cable issues (collisions, errors, mismatch duplex, and/or speed)

13,what is a Network Model

14,OSI vs TCP/IP Model

15,The MAC Address

16,Broadcast,Unicast

17,Packets,Frames,Ports

18,IP Addressing

19,Subnet Mask

20,Subnetting with CIDR

21,Verify IP parameters for Client OS (Windows, Mac OS, Linux)

22, ARP

23,DHCP server

24,Routing

24.1,NAT

24.2,Forwarding Ports

24.3,SOHO vs Enterprise

24.4,Static Routing vs Dynamic Routing

24.5, RIP

24.6,OSPF

24.7,BGP

25,TCP/IP Applications

25.1, TCP , UDP

25.2, ICMP ,IGMP

25.3,Wireshark

25.4,Netstat

25.5,Web server

25.6,FTP

25.7,E-mail server,Client

25.8,Securing E-mail

25.9,Telnet and SSH

25.10,Network Time Protocol

25.11,Network Services

26,Network Naming

26.1,Understanding DNS

26.2,Applying DNS

26.3,The Host File

26.4,Net Command

26.5,Windows Name Resolution

26.6,DDNS

26.7,DNS Troubleshooting

27,Securing TCP/IP

27.1,Making TCp/IP Secure

27.2,Symmetric Encryption

27.3,Asymmetric Encryption

27.4,Cryptographic Hashes

27.5,Identification

27.6,Access Control

27.7,AAA

27.8,Kerberos EAP

27.9,Single Sign-on

27.10,Certificates and Trust

28,Advanced Network Devices

28.1,Ip Tunneling

28.2,VPN

28.3,VLan

28.4,Inter Vlan Routing

28.5,Interfacing with Managed Switches

28.6,Switch Port Protection

28.7,Port Bonding

28.8,Port Mirroring

28.9,Qos

28.10,IDS VS IPS

28.11,Proxy Servers

28.12,Load Balancing

28.13,Device Placement

29,IP v4 and IPv6 Tunneling

30,Remote Connectivity

30.1,Telephony Technologies

30.2,Optical Carriers

30.3,Packet Switching

30.4,Connecting with dial-up

30.5,DSL

30.6,Connecting with cable modems

30.7,Connecting with satellites

30.8,ISDN,BPL

30.9,Remote Desktop Connectivity

30.10,Advanced Remote Control Systems

31,Wireless Networking

31.1,Introduction to 802.11

31.2,802.11 standards

31.3,POE

31.4,Antennas

31.5,Wireless Security Standards

31.6,Implementing Wireless Security

31.7,Threats to Wireless Networking

31.8,Retro Therats

31.9,Wifi Protected Setup(WPS)

31.10,Enterprse Wireless

31.11,Installing Wireless Network

31.12,Wireless scenarios

32,Virtulalization and Cloud Computing

32.1,Virtualization Basics

32.2,Cloud Ownership

32.3,Cloud implementation

32.4,Virtual Machines

32.5,NAS,SAN

32.6,Platform as Service(PaaS)

32.7,Software as Service(SaaS)

32.8,Infrastructure as Service(IaaS)

33,Mobile technologies

33.1,Cellular technologies

33.2,Mobile Connectivity

33.3,Deploying Mobile devices

33.4,Mobile Access Control

34,Building Real world Networking

34.1,Network types

34.2,Network Design

34.3,Power Management

34.4,Unified Communications

34.5,Network Documentation

34.6,Contingency Planning

34.7,Predicting hardware failure

34.8,Backups

35,Risk management

36,Protecting Networks

36.1,Dos

36.2,Malware

36.3,Social Engineering

36.4,Access Control

36.5,Man-in the –Middle

36.6,Firewalls

36.7,DMZ

36.8,Hardening Devices

36.9,Physical security controls

36.10,Testing Network security(Nmap,Nessus,zenmap,honeypot,honeynet)

36.11,Network Protection

37,Network Monitoring

37.1,SNMP

37.2,Documenting Logs

37.3,System Monitoring

37.4,SIEM

38,Network Troubleshooting

Note: Every Month Exams Will be there.

After completion of the Networking Vendor Neutral Course

Final Exam will be there. Whoever Passed the Final exam they will Receive Certificate of

For the same.The certificates will be as per ISO Registered Company Certifications.

And who ever passed the Network Vendor Neutral Course They will automatically promoted to vendor based further Networking courses Such as Cisco, Juniper, Mikrotik,Fortinet,Sophos,Ubnt.

Cisco based Networking Courses

Entry Level

Entry

Starting point for individuals interested in starting a career as a networking professional.

Cisco Certification Technician (CCT)

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CCT Collaboration

Required Exam: 100-890 CLTECH

CCT Data Center

Required Exam: 010-151 DCTECH

CCT Routing and Switching

Required Exam: 100-490 RSTECH

Associate

Master the essentials needed to launch a rewarding career and expand your job possibilities with the latest technologies.

CCNA

Required Exam: 200-301 CCNA

Cisco Certified DevNet Associate

Required Exam: 200-901 DEVASC

Cisco Certified CyberOps Associate

Required Exam: 200-201 CBROPS

Professional Level

Professional

Select a core technology track and a focused concentration exam to customize your professional-level certification.

Cisco Certified DevNet Professional

Required Exams:

Core exam: 350-901 DEVCOR

Concentration exam (choose one):

300-435 ENAUTO, 300-835 CLAUTO, 300-635 DCAUTO,
300-535 SPAUTO, 300-735 SAUTO, 300-910 DEVOPS,
300-915 DEVIOT, 300-920 DEVWBX

CCNP Enterprise

Required Exams:

Core exam: 350-401 ENCOR

Concentration exam (choose one): 300-410 ENARSI,
300-415 ENSDWI, 300-420 ENSLD, 300-425 ENWLSL,
300-430 ENWLSI, 300-435 ENAUTO

CCNP Collaboration

Required Exams:

Core exam: 350-801 CLCOR

Concentration exam (choose one):

300-810 CLICA, 300-815 CLACCM, 300-820 CLCEI,
300-825 CLCNF, 300-835 CLAUTO

CCNP Data Center

Required Exams:

Core exam: 350-601 DCCOR

Concentration exam (choose one): 300-610 DCID,
300-615 DCIT, 300-620 DCACI, 300-625 DCSAN,
300-630 DCACIA, 300-635 DCAUTO

CCNP Security

Required Exams:

Core exam: 350-701 SCOR

Concentration exam (choose one): 300-710 SNCF,
300-715 SISE, 300-720 SESA, 300-725 SWSA,
300-730 SVPN, 300-735 SAUTO

CCNP Service Provider

Required Exams:

Core exam: 350-501 SPCOR

Concentration exam (choose one): 300-510 SPRI,
300-515 SPVI, 300-535 SPAUTO

Cisco Certified CyberOps Professional

Required Exam:

Core exam: 350-201 CBRCOR

Concentration exam: 300-215 CBRFIR

Expert Level

Expert

This certification is accepted worldwide as the most prestigious certification in the technology industry.

CCDE

Required Exams:

352-001 CCDE Written Exam, CCDE Practical Exam

CCIE Enterprise Infrastructure

Required Exams: ENCOR 350-401, CCIE Routing and Switching lab, CCIE Enterprise Infrastructure v1.0 lab

CCIE Enterprise Wireless

Required Exams: ENCOR 350-401, CCIE Wireless v3.1 lab, CCIE Enterprise Wireless v1.0 lab

CCIE Collaboration

Required Exams: CUCOR 350-801, CCIE Collaboration v2.0 lab, CCIE Collaboration v3.0 lab

CCIE Data Center

Required Exams: DCCOR 350-601, CCIE Data Center v2.0 lab, CCIE Data Center v3.0 lab

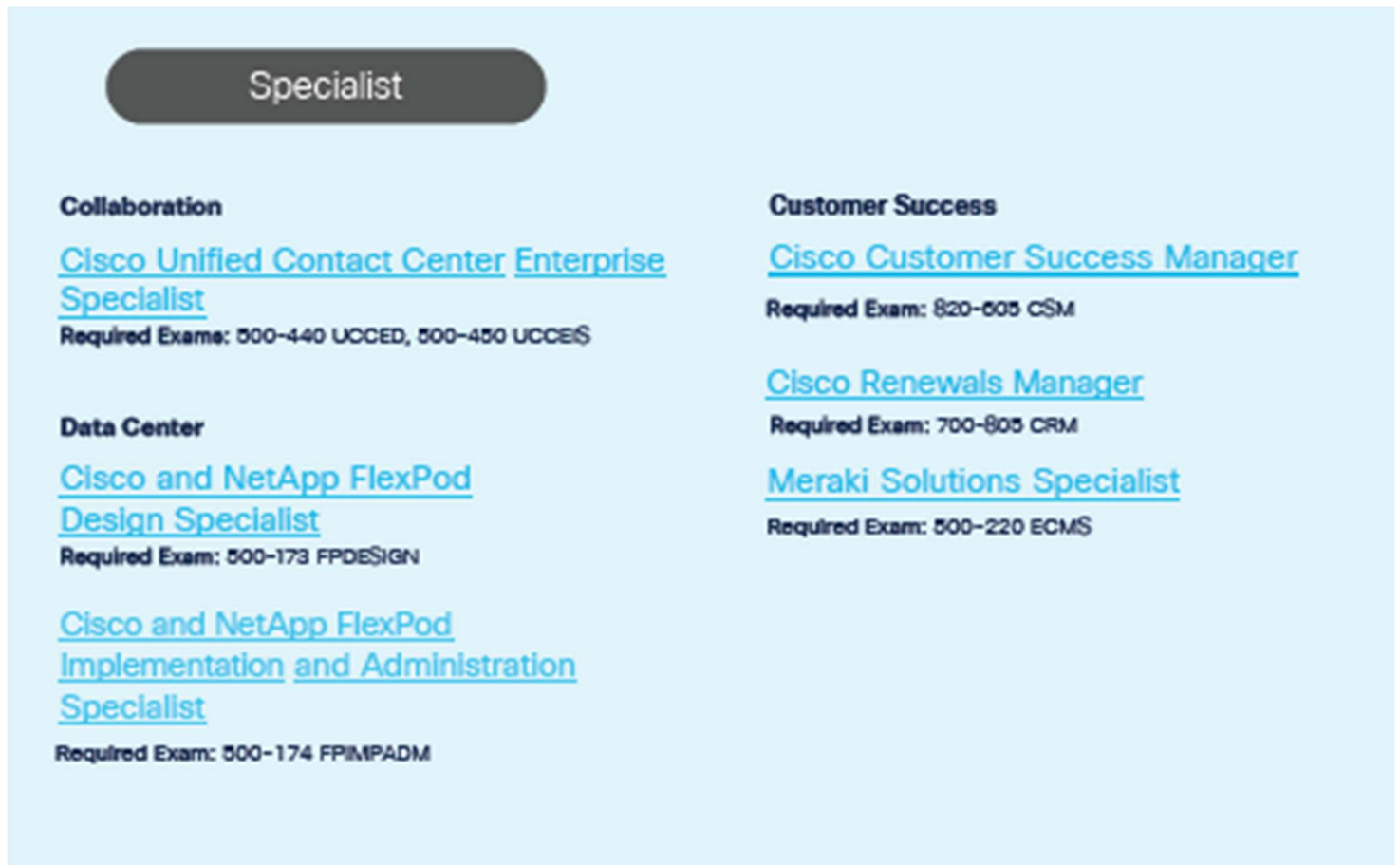
CCIE Security

Required Exams: SCOR 350-701, CCIE Security v5.0 lab, CCIE Security v6.0 lab

CCIE Service Provider

Required Exams: SPCOR 350-501, CCIE Service Provider v4.0 lab, CCIE Service Provider v5.0 lab

Specialist Level



A light blue banner with a dark grey rounded rectangle at the top left containing the word "Specialist". Below this, the banner is divided into two columns. The left column lists three certification tracks: Collaboration, Data Center, and a combined Cisco and NetApp FlexPod track. The right column lists two tracks: Customer Success and Meraki Solutions. Each track includes the name of the certification, a link to the exam page, and the required exam numbers.

Track	Certification	Required Exam(s)
Collaboration	Cisco Unified Contact Center Enterprise Specialist	500-440 UCCED, 500-450 UCCES
	Cisco and NetApp FlexPod Design Specialist	500-173 FPDESIGN
	Cisco and NetApp FlexPod Implementation and Administration Specialist	500-174 FPIMPADM
Customer Success	Cisco Customer Success Manager	820-605 CSM
	Cisco Renewals Manager	700-805 CRM
Meraki Solutions	Meraki Solutions Specialist	500-220 ECMS

Note: Every Month Exams Will be there.

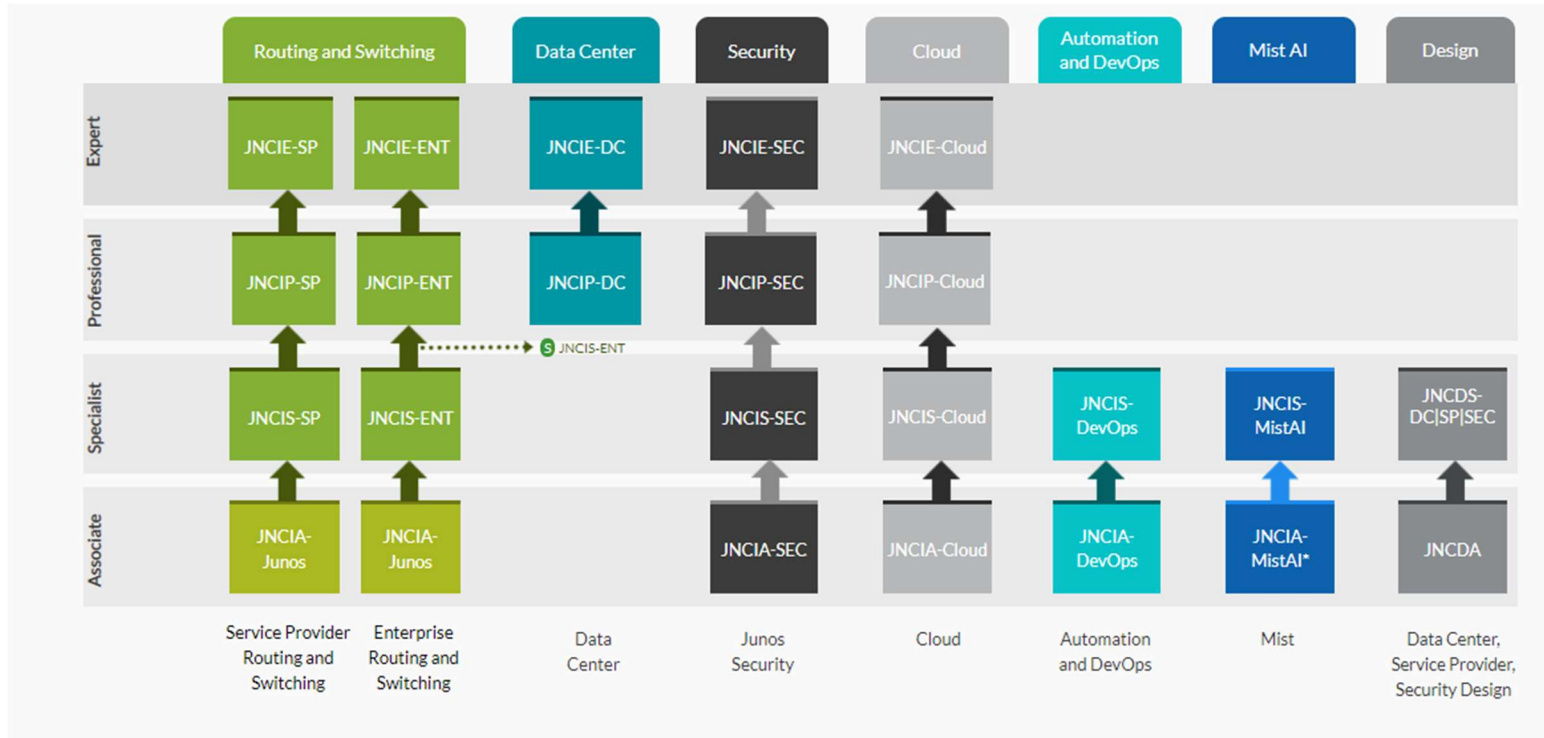
After completion of the Cisco Based Networking Courses one by one...

The exams will be there for every course. Whoever passed the exam they will Receive Certificate of the same course

The certificates will be as per ISO Registered Company Certifications.

And who ever passed the all Cisco Courses They will automatically promoted to other vendor based further Networking courses Such as Juniper, Mikrotik, Fortinet, Sophos, Ubnt.

Juniper Based Networking Courses



Note: Every Month Exams Will be there.

After completion of the Juniper Based Networking Courses one by one...

The exams will be there for every course. Whoever passed the exam they will Receive Certificate of the same course

The certificates will be as per ISO Registered Company Certifications.

And who ever passed the all Juniper Courses They will automatically promoted to other vendor based further Networking courses Such as Mikrotik, Fortinet,Sophos,Ubnt.

Mikrotik Based Networking Courses

MTCNA - MikroTik Certified Network Associate

MTCRE - MikroTik Certified Routing Engineer

MTCWE - MikroTik Certified Wireless Engineer

MTCTCE - MikroTik Certified Traffic Control Engineer

MTCUME - MikroTik Certified User Management Engineer

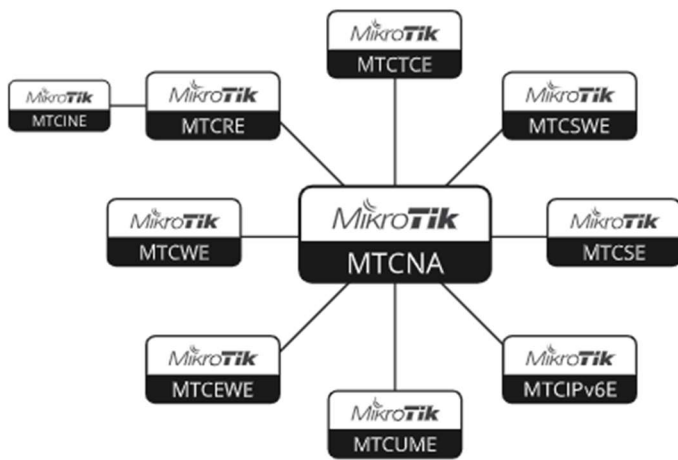
MTCINE - MikroTik Certified Inter-Networking Engineer

MTCIPv6E - MikroTik Certified IPv6 Engineer

MTCSE - MikroTik Certified Security Engineer

MTCSWE - MikroTik Certified Switching Engineer

MTCEWE - MikroTik Certified Enterprise Wireless Engineer



Note: Every Month Exams Will be there.

After completion of the Mikrotik Based Networking Courses one by one...

The exams will be there for every course. Whoever passed the exam they will Receive Certificate of the same course

The certificates will be as per ISO Registered Company Certifications.

And who ever passed the all Mikrotik Courses They will automatically promoted to other vendor based further Networking courses Such as Fortinet,Sophos,Ubnt.

Fortinet Based Networking Courses

1,Network Security Associate

2,Network Security Professional

3,Network Security Analyst

4,Network Security Specialist

5,Network Security Architect

6,Network Security Expert

Note: Every Month Exams Will be there.

After completion of the Fortinet Based Networking Courses one by one...

The exams will be there for every course. Whoever passed the exam they will Receive Certificate of the same course

The certificates will be as per ISO Registered Company Certifications.

And who ever passed the all Fortinet Courses They will automatically promoted to other vendor based further Networking courses Such as Sophos,Ubnt.

Sophos Based Networking Courses

1, Sophos Certified Sales Consultant

2, Sophos Certified Engineer

3, Sophos Certified Architect

4, Sophos Certified Technician

Note: Every Month Exams Will be there.

After completion of the Sophos Based Networking Courses one by one...

The exams will be there for every course. Whoever passed the exam they will Receive Certificate of the same course

The certificates will be as per ISO Registered Company Certifications.

And who ever passed the all Sophos Courses They will automatically promoted to other vendor based further Networking courses Such as Ubnt.

Ubnt Based Networking Courses

- 1, UniFi Network Specialist
- 2, The Ubiquiti Enterprise Wireless Admin course
- 3, The Ubiquiti Broadband Wireless Specialist
- 4, The Ubiquiti Broadband Wireless Admin course
- 5, The Ubiquiti Broadband Routing & Switching Specialist
- 6, The Ubiquiti Broadband Routing & Switching Admin

Note: Every Month Exams Will be there.

After completion of the UBNT Based Networking Courses one by one...

The exams will be there for every course. Whoever passed the exam they will Receive Certificate of the same course

The certificates will be as per ISO Registered Company Certifications.

Stop Learning ...You Are Now Super King

Just Rule The Networking World