



Real Training. Real Practice. Real Results.

Cisco Certified Network Professional (CCNP Route/Switch/TSHOOT)

Training Program

Cisco Certified Network Professional (CCNP) Route and Switch 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. The CCNP Routing and Switching certification is appropriate for those with at least one year of networking experience who are ready to advance their skills and work independently on complex network solutions. Those who achieve CCNP Routing and Switching have demonstrated the skills required in enterprise roles such as network engineer, support engineer, systems engineer or network technician.

For those who wish to evolve their focus toward network design, the route and switch portions can be leveraged directly toward a CCNP certification. It provides a full range of implementation, troubleshooting and design skills supporting individuals who would like to pursue dual certifications. A professional with CCNP training is trusted to work with a networking environment which would include a group of switched networks. Intellectual Point™ CCNP prep course for the Cisco CCNA certification exam is designed to provide you with hands-on experience and prepare you to pass the Cisco CCNP exam with confidence.

Learning Objectives

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| <ul style="list-style-type: none">• Identify Cisco Express Forwarding concepts: FIB and adjacency table | <ul style="list-style-type: none">• Implement high availability, given a network design and a set of requirements |
| <ul style="list-style-type: none">• Explain TCP operations: IPv4 and IPv6 (P)MTU, MSS, latency, global synchronization | <ul style="list-style-type: none">• Implement a wireless extension of a layer 2 solution |
| <ul style="list-style-type: none">• Layer 2 Technologies: Configure and verify PPP and explain frame relay | <ul style="list-style-type: none">• Determine network resources needed for implementing a security solution |
| <ul style="list-style-type: none">• Layer 3 Technologies: Identify, configure, and verify IPv4 addressing/subnetting and identify IPv6 addressing | <ul style="list-style-type: none">• Verify EIGRP solution was implemented properly using show and debug commands |
| <ul style="list-style-type: none">• Configure and verify EIGRP neighbor relationship and authentication | <ul style="list-style-type: none">• Troubleshoot chassis virtualization and aggregation technologies |
| <ul style="list-style-type: none">• Configure and verify OSPF neighbor relationship and authentication | <ul style="list-style-type: none">• Troubleshoot IPv4 addressing and Subnetting |
| <ul style="list-style-type: none">• Implement VLAN based solution, given a network design and a set of requirements | <ul style="list-style-type: none">• Troubleshoot trunking, VLANs and Layer 2 Protocol |

CCNP Route & Switch





Course Features

- Live instructor-led training in modern classrooms
- Thorough review of all CCNP topics by industry experts
- Hands-on labs on real Cisco Gear (ISR Routers, Switches, Hubs, Cables)
- 24 x 7 access to the real labs in classrooms and remotely
- 100% latest material & realistic practice questions
- Confidence building hands-on training
- Classroom located in Reston & conveniently accessible from Silver Line Metro
- Authorized Pearson VUE testing at same location to help you complete your exam*
- Study material, notes, videos and practice questions included in course price



*Our guarantee

If you do not achieve a passing score on your first attempt at the exam within 30 days of completing the class, you will have the option to re-take the entire training course at no additional charge.



Course Schedule

Session	Topics
1	<ul style="list-style-type: none"> • CCNP overview & networking basics • Switching concepts, cables & configuration
2	<ul style="list-style-type: none"> • Network IP addressing (IPv6, IP Subnetting) + labs
3	<ul style="list-style-type: none"> • Routing protocols and configuration – Part 1 + labs
4	<ul style="list-style-type: none"> • Routing protocols and configuration – Part 2 + labs
5	<ul style="list-style-type: none"> • ACL & NAT concepts & configuration + labs
6	<ul style="list-style-type: none"> • VLAN & VTP concepts & configuration + labs
7	<ul style="list-style-type: none"> • WAN protocols, security, wireless LAN, IPv6
8	<ul style="list-style-type: none"> • CCNP practice questions & simulations
9	<ul style="list-style-type: none"> • CCNP practice questions & simulations



Exams

300-101 ROUTE

300-115 SWITCH

300-135 TSHOOT

For more information about our courses, pricing, or consultation, please call (571) 577-7890 OR (703) 554-3827

Or email info@intellectualpoint.com

Payments are accepted via cash, check, or credit card. Ask us about group discounts!



Enroll

Online: www.intellectualpoint.com/student-register.php

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