

# Cisco Icd1 100 101

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verify and troubleshoot ospfv2 and ospfv3 anticipate the actions a router will take understand and use cdp for neighbor discovery learn the detailed learning and forwarding process of both routers and switches filter traffic from one network to another with access control lists acls deploy network address translation nat and ios router dhcp services troubleshoot many types of network problems mike valentine has been in the it field for 16 years focusing on network design and implementation he is a cisco certified systems instructor 31461 and specializes in cisco unified communications instruction as well as ccna and ccnp courses his accessible humorous and effective teaching style has demystified cisco for hundreds of students since he began teaching in 2002 keith barker ccie no 6783 r s security is a 27 year veteran of the networking industry he currently works at cbt nuggets his past experience includes eds blue cross paramount pictures and knowledgenet and he has delivered ccie level training for several years

this book provides coverage and practice questions for every exam topic in the 100 101 icnd1 exam from back cover

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this book was written to help you pass the ccent exam icnd1 a certification from cisco the world s most famous company that manufactures and sells networking equipment i ve tried to cover every topic from the ccent curriculum and explain it in an easy and fun way this book covers the latest version of the exam 100 101 available since 2013 the book follows the cisco organization of topics we start with basics explaining what really a computer networks is the difference between the osi and tcp models what an ip address is how to configure an ip address on a cisco router etc in later lessons we will go through some more advanced topics such as routing protocols ipv6 nat acls here is a list of chapters chapter 1 introduction what is a computer network osi and tcp ip models data encapsulation chapter 2 basic networking what is a hub switch bridge router collision broadcast domains explained chapter 3 tcp ip what is an ip address ip address classes types tcp udp explained chapter 4 network protocols what is telnet ssh ftp dns dhcp and other important protocols chapter 5 subnetting what is a subnet mask how to create subnets chapter 6 cisco ios ios overview how to access ios get help chapter 7 ios commands basic ios commands configure banners and descriptions configure interface ip address use cdp how to show running processes chapter 8 ip routing what is a routing table difference between static and dynamic routes what are routing protocols chapter 9 rip what is rip and how to configure it on cisco routers chapter 10 eigrp what is eigrp how

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