Mindluster Platform

About the course Networking with cisco CCNA 200 301

Networking with cisco CCNA 200-301, in this course provides a comprehensive foundation in networking concepts and prepares you for the Cisco CCNA 200-301 certification exam. Youâ€™ll learn about networking fundamentals, including IP addressing, subnetting, and protocols like TCP/IP, as well as advanced topics such as switching, routing, VLANs, and wireless networking. The course also covers network security, automation, and cloud-based networking essentials. Through hands-on labs and practical scenarios, you'll gain the skills to configure, troubleshoot, and manage networks effectively. Ideal for beginners and IT professionals, this course equips you with the knowledge needed to excel in networking and achieve the CCNA certification.

Computer Science Category's Courses

Course Lesson(155)

Lesson 1 : **Networking Tutorial with Cisco CCNA 200 301 01 Introduction to computer network**

Lesson 2 : **Networking Tutorial with Cisco CCNA 200 301 02 The most simple computer network**

Lesson 3 : **Networking Tutorial with Cisco CCNA 200 301 03 What is ip address**

Lesson 4 :
Networking Tutorial with Cisco CCNA 200 301 04 Download and install cisco packet tracer

Lesson 5 :
Networking Tutorial with Cisco CCNA 200 301 05 Computer network using cisco packeet tracer

Lesson 6 :
Networking Tutorial with Cisco CCNA 200 301 06 Introduction to ip address and subnetting

Lesson 7 : **Networking Tutorial with Cisco CCNA 200 301 07 IP public vs IP private**

Lesson 8 :
Networking Tutorial with Cisco CCNA 200 301 08 Determine the most effective prefix part 1

Lesson 9 :
Networking Tutorial with Cisco CCNA 200 301 09 Determine the most effective prefix part 2

Lesson 10 :
Networking Tutorial with Cisco CCNA 200 301 10 Subnetting 1 Total IP and subnetmask

Lesson 11 :
Networking Tutorial with Cisco CCNA 200 301 11 Subnetting 1 Network IP and Broadcast IP

Lesson 12 : **Networking Tutorial with Cisco CCNA 200 301 12 Subnetting 1 IP Range**

Lesson 13 :
Networking Tutorial with Cisco CCNA 200 301 13 Subnetting 2 The most effective prefix

Lesson 14 :
Networking Tutorial with Cisco CCNA 200 301 14 Subnetting 2 Total IP and Subnetmask

Lesson 15 :
Networking Tutorial with Cisco CCNA 200 301 15 Subnetting 2 Network Broadcast and Range IP

Lesson 16 :
Networking Tutorial with Cisco CCNA 200 301 16 Subnetting 3 The most effective prefix

Lesson 17 : **Networking Tutorial with Cisco CCNA 200 301 17 Subnetting 3 Subnetting calculation**

Lesson 18 : **Networking Tutorial with Cisco CCNA 200 301 18 Concept of block subnet**

Lesson 19 : **Networking Tutorial with Cisco CCNA 200 301 19 Concept of switch and router**

Lesson 20 : **Networking Tutorial with Cisco CCNA 200 301 20 Practice switch part 1**

Lesson 21 : **Networking Tutorial with Cisco CCNA 200 301 21 Practice switch part 2**

Lesson 22 : **Networking Tutorial with Cisco CCNA 200 301 22 Practice Router**

Lesson 23 : **Networking Tutorial with Cisco CCNA 200 301 23 How to remote real device of cisco**

Lesson 24 : **Networking Tutorial with Cisco CCNA 200 301 24 Remote cisco in cisco packet tracer**

Lesson 25 : **Networking Tutorial with Cisco CCNA 200 301 25 Basic command cisco**

Lesson 26 : **Networking Tutorial with Cisco CCNA 200 301 26 Shortened command**

Lesson 27 : **Networking Tutorial with Cisco CCNA 200 301 27 Service password encryption**

Lesson 28 : **Networking Tutorial with Cisco CCNA 200 301 28 Configure IP Address on cisco router**

Lesson 29 : **Networking Tutorial with Cisco CCNA 200 301 29 End command**

Lesson 30 : **Networking Tutorial with Cisco CCNA 200 301 30 Save configuration**

Lesson 31 : **Networking Tutorial with Cisco CCNA 200 301 31 What is vlan**

Lesson 32 : **Networking Tutorial with Cisco CCNA 200 301 32 Practice vlan**

Lesson 33 : **Networking Tutorial with Cisco CCNA 200 301 33 Ping between vlan**

Lesson 34 : **Networking Tutorial with Cisco CCNA 200 301 34 Create second vlan topology**

Lesson 35 : **Networking Tutorial with Cisco CCNA 200 301 35 Learn about trunk**

Lesson 36 : **Networking Tutorial with Cisco CCNA 200 301 36 Configure allowed trunk**

Lesson 37 : **Networking Tutorial with Cisco CCNA 200 301 37 Create third vlan topology**

Lesson 38 : **Networking Tutorial with Cisco CCNA 200 301 38 Configure trunk in multi layer switch**

Lesson 39 : **Networking Tutorial with Cisco CCNA 200 301 39 Configure inter vlan routing**

Lesson 40 : **Networking Tutorial with Cisco CCNA 200 301 40 Testing inter vlan routing**

Lesson 41 : **Networking Tutorial with Cisco CCNA 200 301 41 Configure DHCP server on router**

Lesson 42 : **Networking Tutorial with Cisco CCNA 200 301 42 Switch layer 2 vs layer 3**

Lesson 43 :
Networking Tutorial with Cisco CCNA 200 301 43 Configure Switch Virtual Interface SVI

Lesson 44 :
Networking Tutorial with Cisco CCNA 200 301 44 Configure IP Address on PC and Testing SVI

Lesson 45 :
Networking Tutorial with Cisco CCNA 200 301 45 Activating Layer 3 function in multi layer switch

Lesson 46 : **Networking Tutorial with Cisco CCNA 200 301 46 DHCP Server in MLS**

Lesson 47 : **Networking Tutorial with Cisco CCNA 200 301 47 Introduction to telnet and ssh**

Lesson 48 : **Networking Tutorial with Cisco CCNA 200 301 48 Configure telnet**

Lesson 49 : **Networking Tutorial with Cisco CCNA 200 301 49 Telnet with username**

Lesson 50 : **Networking Tutorial with Cisco CCNA 200 301 50 Configure SSH in router**

Lesson 51 : **Networking Tutorial with Cisco CCNA 200 301 51 What is vtp**

Lesson 52 : **Networking Tutorial with Cisco CCNA 200 301 52 Create topology for vtp**

Lesson 53 : **Networking Tutorial with Cisco CCNA 200 301 53 Configure vtp**

Lesson 54 : **Networking Tutorial with Cisco CCNA 200 301 54 Testing vtp**

Lesson 55 : **Networking Tutorial with Cisco CCNA 200 301 55 What is port security**

Lesson 56 : **Networking Tutorial with Cisco CCNA 200 301 56 Port security violation shutdown**

Lesson 57 : **Networking Tutorial with Cisco CCNA 200 301 57 Testing port security**

Lesson 58 : **Networking Tutorial with Cisco CCNA 200 301 58 MAC address sticky**

Lesson 59 : **Networking Tutorial with Cisco CCNA 200 301 59 Violation protect**

Lesson 60 : **Networking Tutorial with Cisco CCNA 200 301 60 Violation restrict**

Lesson 61 : **Networking Tutorial with Cisco CCNA 200 301 61 The concept of etherchannel**

Lesson 62 : **Networking Tutorial with Cisco CCNA 200 301 62 Etherchannel LACP**

Lesson 63 : **Networking Tutorial with Cisco CCNA 200 301 63 Etherchannel PAGP**

Lesson 64 : **Networking Tutorial with Cisco CCNA 200 301 64 Etherchannel Layer 3**

Lesson 65 : **Networking Tutorial with Cisco CCNA 200 301 65 The concept of routing**

Lesson 66 : **Networking Tutorial with Cisco CCNA 200 301 66 Setup topology 2 router**

Lesson 67 : **Networking Tutorial with Cisco CCNA 200 301 67 Configure static routing in 2 router**

Lesson 68 : **Networking Tutorial with Cisco CCNA 200 301 68 Setup topology 3 router**

Lesson 69 : **Networking Tutorial with Cisco CCNA 200 301 69 Configure static routing in 3 router**

Lesson 70 :
Networking Tutorial with Cisco CCNA 200 301 70 Dynamic Routing EIGRP Setup topology 2 router

Lesson 71 :
Networking Tutorial with Cisco CCNA 200 301 71 Dynamic Routing EIGRP Static vs Dynamic Routing

Lesson 72 :
Networking Tutorial with Cisco CCNA 200 301 72 Dynamic Routing EIGRP Configure EIGRP 2 router

Lesson 73 :
Networking Tutorial with Cisco CCNA 200 301 73 Dynamic Routing EIGRP Setup topology 3 router

Lesson 74 :
Networking Tutorial with Cisco CCNA 200 301 74 Dynamic Routing EIGRP Configure EIGRP 3 router

Lesson 75 :
Networking Tutorial with Cisco CCNA 200 301 75 Dynamic Routing OSPF Setup topology 2 router

Lesson 76 :
Networking Tutorial with Cisco CCNA 200 301 76 Dynamic Routing OSPF Configure OSPF 2 router

Lesson 77 :

Networking Tutorial with Cisco CCNA 200 301 77 Dynamic Routing OSPF Setup topology 3 router

Lesson 78 :
Networking Tutorial with Cisco CCNA 200 301 78 Dynamic Routing OSPF Configure ospf 3 router

Lesson 79 :
Networking Tutorial with Cisco CCNA 200 301 79 Dynamic Routing BGP The concept of BGP

Lesson 80 :
Networking Tutorial with Cisco CCNA 200 301 80 Dynamic Routing BGP Setup topology 2 router

Lesson 81 :
Networking Tutorial with Cisco CCNA 200 301 81 Dynamic Routing BGP Configure BGP 2 router

Lesson 82 :
Networking Tutorial with Cisco CCNA 200 301 82 Dynamic Routing BGP Setup topology 3 router

Lesson 83 :
Networking Tutorial with Cisco CCNA 200 301 83 Dynamic Routing BGP Configure BGP 3 router

Lesson 84 :
Networking Tutorial with Cisco CCNA 200 301 84 Access List Create topology to learn access list

Lesson 85 :
Networking Tutorial with Cisco CCNA 200 301 85 Standard Access List Configuration of router 1

Lesson 86 :
Networking Tutorial with Cisco CCNA 200 301 86 Standard Access List Configuration of router 2

Lesson 87 :
Networking Tutorial with Cisco CCNA 200 301 87 Standard Access List Configure routing

Lesson 88 :
Networking Tutorial with Cisco CCNA 200 301 88 Access List Configure standard access list

Lesson 89 :
Networking Tutorial with Cisco CCNA 200 301 89 Standard Access List Direction in access list

Lesson 90 :
Networking Tutorial with Cisco CCNA 200 301 90 Access List Sequence number in access list

Lesson 91 :
Networking Tutorial with Cisco CCNA 200 301 91 Standard Access List Configure named access list

Lesson 92 :
Networking Tutorial with Cisco CCNA 200 301 92 Extended Access List Configure web server

Lesson 93 :
Networking Tutorial with Cisco CCNA 200 301 93 Access List Standard vs extended access list

Lesson 94 :
Networking Tutorial with Cisco CCNA 200 301 94 Extended Access List Configure extended access list

Lesson 95 :
Networking Tutorial with Cisco CCNA 200 301 95 Extended Access List Testing extended access list

Lesson 96 :
Networking Tutorial with Cisco CCNA 200 301 96 Network Address Translation Create topology for NAT

Lesson 97 :
Networking Tutorial with Cisco CCNA 200 301 97 Network Address Translation Configure ip address

Lesson 98 :
Networking Tutorial with Cisco CCNA 200 301 98 Network Address Translation Configure BGP

Lesson 99 :

Networking Tutorial with Cisco CCNA 200 301 99 Network Address Translation Concept of NAT

Lesson 100 :
Networking Tutorial with Cisco CCNA 200 301 100 Address Translation Configure default route

Lesson 101 :
Networking Tutorial with Cisco CCNA 200 301 101 Network Address Translation Configure NAT

Lesson 102 :
Networking Tutorial with Cisco CCNA 200 301 102 Lab Setup for Network Automation Install gns3

Lesson 103 :
Networking Tutorial with Cisco CCNA 200 301 103 Network Automation Import router to gns3

Lesson 104 :
Networking Tutorial with Cisco CCNA 200 301 104 Network Automation Import router 2691 to gns3

Lesson 105 :
Networking Tutorial with Cisco CCNA 200 301 105 Network Automation Install ubuntu server

Lesson 106 :
Networking Tutorial with Cisco CCNA 200 301 106 Network Automation Connecting ubuntu server

Lesson 107 :
Networking Tutorial with Cisco CCNA 200 301 107 Network Automation Configure ssh on router

Lesson 108 :
Networking Tutorial with Cisco CCNA 200 301 108 Network Automation Connecting guest with host

Lesson 109 :
Networking Tutorial with Cisco CCNA 200 301 109 Lab Setup for Network Automation SFTP in sublime

Lesson 110 :
Networking Tutorial with Cisco CCNA 200 301 110 Network Automation Install library in python

Lesson 111 :
Networking Tutorial with Cisco CCNA 200 301 111 Network Automation Add some more router

Lesson 112 :
Networking Tutorial with Cisco CCNA 200 301 112 Network Automation Basic paramiko

Lesson 113 :
Networking Tutorial with Cisco CCNA 200 301 113 Network Automation Explanation of time sleep

Lesson 114 :
Networking Tutorial with Cisco CCNA 200 301 114 Network Automation Using or in input

Lesson 115 :
Networking Tutorial with Cisco CCNA 200 301 115 Network Automation Explanation of decode

Lesson 116 :
Networking Tutorial with Cisco CCNA 200 301 116 Network Automation Looping configure interface

Lesson 117 :
Networking Tutorial with Cisco CCNA 200 301 117 Network Automation Looping configure all router

Lesson 118 :
Networking Tutorial with Cisco CCNA 200 301 118 Network Automation Looping show interface

Lesson 119 :
Networking Tutorial with Cisco CCNA 200 301 119 Network Automation Looping save configuration

Lesson 120 :
Networking Tutorial with Cisco CCNA 200 301 120 Network Automation Looping with list

Lesson 121 :
Networking Tutorial with Cisco CCNA 200 301 121 Network Automation Configure different thing

Lesson 122 :
Networking Tutorial with Cisco CCNA 200 301 122 Network Automation with Netmiko Setup topology

Lesson 123 :
Networking Tutorial with Cisco CCNA 200 301 123 Network Automation with Netmiko What is netmiko

Lesson 124 :
Networking Tutorial with Cisco CCNA 200 301 124 Network Automation with Netmiko Basic netmiko

Lesson 125 :
Networking Tutorial with Cisco CCNA 200 301 125 Network Automation Send command vs send config

Lesson 126 :
Networking Tutorial with Cisco CCNA 200 301 126 Network Automation Looping to show interface

Lesson 127 :
Networking Tutorial with Cisco CCNA 200 301 127 Network Automation Looping to configure interface

Lesson 128 :
Networking Tutorial with Cisco CCNA 200 301 128 Network Automation with Netmiko Nested looping

Lesson 129 :
Networking Tutorial with Cisco CCNA 200 301 129 Network Automation Netmiko Looping with list

Lesson 130 :
Networking Tutorial with Cisco CCNA 200 301 130 Web Base Network Install Python Paramiko

Lesson 131 :
Networking Tutorial with Cisco CCNA 200 301 131 Web Base Network Hellow world in python

Lesson 132 :
Networking Tutorial with Cisco CCNA 200 301 132 Web Base Network Import router to gns3

Lesson 133 :
Networking Tutorial with Cisco CCNA 200 301 133 Web Base Network Connecting router to host

Lesson 134 :
Networking Tutorial with Cisco CCNA 200 301 134 Web Base Network Configure ssh on the router

Lesson 135 :
Networking Tutorial with Cisco CCNA 200 301 135 Network Automation Network Automation on Cisco

Lesson 136 :
Networking Tutorial with Cisco CCNA 200 301 136 Network Automation Network Automation on Mikrotik

Lesson 137 :
Networking Tutorial with Cisco CCNA 200 301 137 Network Automation Multivendor Network Automation

Lesson 138 :
Networking Tutorial with Cisco CCNA 200 301 138 Django Fundamentals Django hello world

Lesson 139 :

Networking Tutorial with Cisco CCNA 200 301 139 Django Fundamentals django urls and views

Lesson 140 :
Networking Tutorial with Cisco CCNA 200 301 140 Django Fundamentals django templates

Lesson 141 :
Networking Tutorial with Cisco CCNA 200 301 141 Django Fundamentals Using context in templates

Lesson 142 :
Networking Tutorial with Cisco CCNA 200 301 142 Django Fundamentals Using bootstrap in templates

Lesson 143 :
Networking Tutorial with Cisco CCNA 200 301 143 Django Fundamentals Extends in templates

Lesson 144 :
Networking Tutorial with Cisco CCNA 200 301 144 Django Fundamentals django models and admin

Lesson 145 :
Networking Tutorial with Cisco CCNA 200 301 145 Django Fundamental Data list from models to views

Lesson 146 :
Networking Tutorial with Cisco CCNA 200 301 146 Network Automation Application Going to build

Lesson 147 :
Networking Tutorial with Cisco CCNA 200 301 147 Network Automation Application Start project

Lesson 148 :
Networking Tutorial with Cisco CCNA 200 301 148 Network Automation Application Add bootstrap

Lesson 149 :
Networking Tutorial with Cisco CCNA 200 301 149 Network Automation Application Create device model

Lesson 150 :
Networking Tutorial with Cisco CCNA 200 301 150 Network Automation Application Device list page

Lesson 151 :
Networking Tutorial with Cisco CCNA 200 301 151 Automation Application Mass configuration menu

Lesson 152 :
Networking Tutorial with Cisco CCNA 200 301 152 Automation Application Verify configuration menu

Lesson 153 :
Networking Tutorial with Cisco CCNA 200 301 153 Network Automation Application Logs menu

Lesson 154 :
Networking Tutorial with Cisco CCNA 200 301 154 Automation Application Finalize the project

Lesson 155 :
Networking Tutorial with Cisco CCNA 200 301 155 Automation Application Testing the project

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort



for Business Contact
business@mindluster.com