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Q1. Your router has the following IP address on Ethernet0: 172.16.2.1/23. Which of the following can be the valid host IDs on the LAN interface attached to the router?

1. 172.16.1.100
2. 172.16.1.198
3. 172.16.2.255
4. 172.16.3.0

(A) 1 Only   (B) 2 and 3 Both

(c) 3 and 4 Both   (D) None of the above

Answer : Option C

Q2. Which of the two statements describe the IP address 10.16.3.65/23?

1. The subnet address is 10.16.3.0 255.255.254.0.
2. The lowest host address in the subnet is 10.16.2.1 255.255.254.0.
3. The last valid host address in the subnet is 10.16.2.254 255.255.254.0.
4. The broadcast address of the subnet is 10.16.3.255 255.255.254.0.

(A) 1 and 3   (B) 2 and 4

(c) 1, 2 and 4   (D) 2, 3 and 4

Answer : Option B

Q3. What is the broadcast address of the network 192.168.116.64 255.255.255.224?

Answer : 192.168.116.95

Q4. What is the first valid host on the subnetwork that the node 172.20.225.111 255.255.255.128 belongs to?

Answer : 172.20.225.1

Q5. **What valid host range is the IP address 192.168.187.233/27 a part of?**

Answer : 192.168.187.225 through to 192.168.187.254

Q6. **Default network mask for CLASS A is −**

A. 255.0.0.0
B. 255.255.0.0
C. 255.255.255.0
D. 255.255.255.255

Answer : Option A

Q7. **Default network mask for CLASS B is −**

A. 255.0.0.0
B. 255.255.0.0
C. 255.255.255.0
D. 255.255.255.255

Answer : Option B

Q8. **Default network mask for CLASS C is −**

A. 255.0.0.0
B. 255.255.0.0
C. 255.255.255.0
D. 255.255.255.255

Answer : Option C

Q9. **What is the maximum number of IP addresses that can be assigned to hosts on a local subnet that uses the 255.255.255.224 subnet mask?**

A. 14
B. 15
C. 30
D. 62

Answer : Option C

Q10. To test the IP stack on your local host, which IP address you will ping –

A. 127.0.0.0
B. 1.0.0.127
C. 127.0.0.1
D. 255.255.255.0

Answer : Option C

Q11. You need to subnet a network that has 5 subnets, each with at least 16 hosts. Which will be your choice?

A. 255.255.255.192
B. 255.255.255.224
C. 255.255.255.240
D. 255.255.255.248

Answer : Option B

Q12. What is the subnetwork number of a host with an IP address of 172.16.66.0/21?

A. 172.16.64.0
B. 172.16.48.0
C. 172.16.36.0
D. 172.16.0.0

Answer : Option A

Q13. How many subnets and hosts per subnet can you get from the network 192.168.5.0/29?

Answer : 32 subnets and 6 hosts

Q14. How many subnets and hosts per subnet can you get from the network 192.168.212.0 255.255.255.252?

Answer : 64 subnets and 2 hosts

Q15. What is the broadcast address of the network 192.168.72.64 255.255.255.192?

Answer : 192.168.72.127

Q16. Which subnet does host 172.23.184.110 255.255.255.224 belongs to?

Answer : 172.23.184.96

Q17. What is the broadcast address of the network 192.168.79.48/28?

Answer : 192.168.79.63

Q18. What is the last valid host on the subnetwork 172.19.219.160 255.255.255.240?

Answer : 172.19.219.174

Q19. What is the broadcast address of the network 172.18.107.0 255.255.255.224?

Answer : 172.18.107.31

Q20. What is the first valid host on the subnetwork that the node 172.31.148.112/22 belongs to?

Answer : 172.31.148.1

Q21. What is the broadcast address of the network 172.18.120.0/23?

Answer : 172.18.121.255

Q22. What is the last valid host on the subnetwork 172.22.232.0 255.255.252.0?

Answer : 172.22.235.254

Q23. Which subnet does host 192.168.39.227 255.255.255.224 belongs to?

Answer : 192.168.39.224

Q24. What is the broadcast address of the network 172.18.105.64 255.255.255.224?

Answer : 172.18.105.95

Q25. What is the first valid host on the subnetwork that the node 172.19.24.234 255.255.240.0 belongs to?

Answer : 172.19.16.1

Q26. You are designing a subnet mask for the 172.16.0.0 network. You want 80 subnets with up to 300 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.254.0

Q27. **What is the last valid host on the subnetwork 172.16.22.0/24?**

Answer : 172.16.22.254

Q28. **What is the last valid host on the subnetwork 172.17.126.0/24?**

Answer : 172.17.126.254

Q29. **How many subnets and hosts per subnet can you get from the network 172.28.0.0 255.255.240.0?**

Answer : 16 subnets and 4094 hosts

Q30. **What is the broadcast address of the network 10.230.32.0 255.255.240.0?**

Answer : 10.230.47.255

Q31. **What valid host range is the IP address 192.168.185.149/27 a part of?**

Answer : 192.168.185.129 through to 192.168.185.158

Q32. **What is the broadcast address of the network 10.149.208.0/20?**

Answer : 10.149.223.255

Q33. **How many subnets and hosts per subnet can you get from the network 192.168.129.0 255.255.255.252?**

Answer : 64 subnets and 2 hosts

Q34. **What is the first valid host on the subnetwork that the node 172.31.128.16 255.255.255.0 belongs to?**

Answer : 172.31.128.1

Q35. **How many subnets and hosts per subnet can you get from the network 172.26.0.0/28?**

Answer : 4096 subnets and 14 hosts

Q36. **What is the first valid host on the subnetwork that the node 172.30.241.75 255.255.240.0 belongs to?**

Answer : 172.30.240.1

Q37. **What is the broadcast address of the network 192.168.121.112 255.255.255.240?**

Answer : 192.168.121.127

Q38. You are designing a subnet mask for the 172.21.0.0 network. You want 10 subnets with up to 3700 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.240.0

Q39. What is the first valid host on the subnetwork that the node 172.18.25.59/23 belongs to?

Answer : 172.18.24.1

Q40. What is the last valid host on the subnetwork 10.17.240.0/20?

Answer : 10.17.255.254

Q41. Which subnet does host 172.30.74.65 255.255.252.0 belongs to?

Answer : 172.30.72.0

Q42. What is the broadcast address of the network 192.168.201.144 255.255.255.240?

Answer : 192.168.201.159

Q43. Which subnet does host 10.121.6.92 255.255.240.0 belongs to?

Answer : 10.121.0.0

Q44. What is the last valid host on the subnetwork 172.24.254.0/23?

Answer : 172.24.255.254

Q45. What is the broadcast address of the network 172.25.104.0/21?

Answer : 172.25.111.255

Q46. What is the last valid host on the subnetwork 172.28.161.0/24?

Answer : 172.28.161.254

Q47. You are designing a subnet mask for the 172.26.0.0 network. You want 700 subnets with up to 40 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.255.192

Q48. What is the broadcast address of the network 172.22.176.0/20?

Answer : 172.22.191.255

Q49. What is the first valid host on the subnetwork that the node 172.25.192.243 255.255.255.192 belongs to?

Answer : 172.25.192.193

Q50. What is the last valid host on the subnetwork 172.25.130.0/23?

Answer : 172.25.131.254

Q51. What is the last valid host on the subnetwork 172.21.1.96 255.255.255.240?

Answer : 172.21.1.110

Q52. You are designing a subnet mask for the 172.18.0.0 network. You want 1200 subnets with up to 18 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.255.224

Q53. Which subnet does host 192.168.131.241/29 belongs to?

Answer : 192.168.131.240

Q54. How many subnets and hosts per subnet can you get from the network 172.22.0.0/23?

Answer : 128 subnets and 510 hosts

Q55. What is the last valid host on the subnetwork 172.29.42.160/27?

Answer : 172.29.42.190

Q56. What is the broadcast address of the network 172.19.145.128 255.255.255.192?

Answer : 172.19.145.191

Q57. What valid host range is the IP address 172.17.190.211 255.255.255.240 a part of?

Answer : 172.17.190.209 through to 172.17.190.222

Q58. What is the broadcast address of the network 10.62.16.0 255.255.240.0?

Answer : 10.62.31.255

Q59. What is the first valid host on the subnetwork that the node 172.20.187.175/27 belongs to?

Answer : 172.20.187.161

Q60. What is the last valid host on the subnetwork 172.20.164.0 255.255.254.0?

Answer : 172.20.165.254

Q61. What is the last valid host on the subnetwork 192.168.72.128/25?

Answer : 192.168.72.254

Q62. What valid host range is the IP address 172.19.224.9 255.255.240.0 a part of?

Answer : 172.19.224.1 through to 172.19.239.254

Q63. What is the first valid host on the subnetwork that the node 192.168.119.2 255.255.255.252 belongs to?

Answer : 192.168.119.1

Q64. What is the first valid host on the subnetwork that the node 192.168.10.3 255.255.255.248 belongs to?

Answer : 192.168.10.1

Q65. Which subnet does host 172.18.196.11 255.255.254.0 belongs to?

Answer : 172.18.196.0

Q66. What is the first valid host on the subnetwork that the node 172.29.143.225/23 belongs to?

Answer : 172.29.142.1

Q67. What is the last valid host on the subnetwork 172.23.245.0 255.255.255.128?

Answer : 172.27.19.254

Q68. What is the last valid host on the subnetwork 172.27.18.0 255.255.254.0?

Answer : 172.23.245.126

Q69. What is the last valid host on the subnetwork 10.219.16.0/20?

Answer : 172.23.245.126

Q70. What is the last valid host on the subnetwork 10.99.48.0/20?

Answer : 10.99.63.254

Q71. How many subnets and hosts per subnet can you get from the network 172.23.0.0/25?

Answer : 512 subnets and 126 hosts

Q72. **Which subnet does host 172.23.82.126/24 belongs to?**

Answer : 172.23.82.0

Q73. **What valid host range is the IP address 172.23.254.62 255.255.255.224 a part of?**

Answer : 172.23.254.33 through to 172.23.254.62

Q74. **How many subnets and hosts per subnet can you get from the network 192.168.175.0/28?**

Answer : 16 subnets and 14 hosts

Q75. **What is the first valid host on the subnetwork that the node 192.168.123.4/28 belongs to?**

Answer : 192.168.123.1

Q76. **What is the first valid host on the subnetwork that the node 172.25.85.103 255.255.254.0 belongs to?**

Answer : 172.25.84.1

Q77. **What is the last valid host on the subnetwork 172.30.67.0/24?**

Answer : 172.30.67.254

Q78. **What is the first valid host on the subnetwork that the node 172.31.242.158 255.255.255.192 belongs to?**

Answer : 172.31.242.129

Q79. **What is the last valid host on the subnetwork 172.29.4.0/23?**

Answer : 172.29.5.254

Q80. **How many subnets and hosts per subnet can you get from the network 172.16.0.0/23?**

Answer : 128 subnets and 510 hosts

Q81. **What is the last valid host on the subnetwork 172.22.94.144 255.255.255.240?**

Answer : 172.22.94.158

Q82. **You are designing a subnet mask for the 172.21.0.0 network. You want 100 subnets with up to 400 hosts on each subnet. Which subnet mask should you use?**

Answer : 255.255.254.0

Q83. **What is the last valid host on the subnetwork 172.29.144.0/20?**

Answer : 172.29.159.254

Q84. **What valid host range is the IP address 172.19.89.228/24 a part of?**

Answer : 172.19.89.1 through to 172.19.89.254

Q85. **What is the last valid host on the subnetwork 172.28.99.0/24?**

Answer : 172.28.99.254

Q86. **Which subnet does host 192.168.69.15 255.255.255.224 belongs to?**

Answer : 192.168.69.0

Q87. **What is the first valid host on the subnetwork that the node 172.19.102.122/26 belongs to?**

Answer :172.19.102.65

Q88. **What is the first valid host for network 172.122.18.0/24?**

Answer : 172.122.18.1

Q89. **What is the first valid host on the subnetwork that the node 172.28.136.17/25 belongs to?**

Answer : 172.28.136.1

Q89. **What valid host range is the IP address 172.21.8.25 255.255.255.0 a part of?**

Answer : 172.21.8.1 through to 172.21.8.254

Q90. **What is the last valid host on the subnetwork 172.16.132.0/23?**

Answer : 172.16.133.254

Q91. **How many subnets and hosts per subnet can you get from the network 172.18.0.0 255.255.255.240?**

Answer : 4096 subnets and 14 hosts

Q92. **What valid host range is the IP address 10.2.30.50/20 a part of?**

Answer : 10.2.16.1 through to 10.2.31.254

Q93. **What is the last valid host on the subnetwork 172.25.56.0 255.255.252.0?**

Answer : 172.25.59.254

Q94. **What is the broadcast address of the network 172.18.176.0 255.255.252.0?**

Answer : 172.18.179.255

Q95. **What is the first valid host on the subnetwork that the node 10.151.236.199/20 belongs to?**

Answer : 10.151.224.1

Q96. **What is the broadcast address of the network 172.28.142.0/23?**

Answer : 172.28.143.255

Q97. **What is the broadcast address of the network 172.28.108.128 255.255.255.128?**

Answer : 172.28.108.255

Q98. **What valid host range is the IP address 172.31.207.13 255.255.248.0 a part of?**

Answer : 172.31.200.1 through to 172.31.207.254

Q99. **You are designing a subnet mask for the 192.168.48.0 network. You want 5 subnets with up to 20 hosts on each subnet. Which subnet mask should you use?**

Answer : 255.255.255.224

Q100. **What is the first valid host on the subnetwork that the node 192.168.48.231/28 belongs to?**

Answer : 192.168.48.225

Q101. **Which subnet does host 172.29.172.52/23 belongs to?**

Answer : 172.29.172.0

Q102. **How many subnets and hosts per subnet can you get from the network 192.168.221.0/28?**

Answer : 16 subnets and 14 hosts

Q103. **What valid host range is the IP address 172.29.182.3/23 a part of?**

Answer : 172.29.182.1 through to 172.29.183.254

Q104. **Which subnet does host 192.168.245.129/27 belongs to?**

Answer : 192.168.245.128

Q105. **What is the last valid host on the subnetwork 172.28.214.0/25?**

Answer : 172.28.214.126

Q106. You are designing a subnet mask for the 172.30.0.0 network. You want 400 subnets with up to 70 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.255.128

Q107. How many subnets and hosts per subnet can you get from the network 192.168.15.0/26?

Answer : 4 subnets and 62 hosts

Q108. What is the last valid host on the subnetwork 172.31.54.160 255.255.255.224?

Answer : 172.31.54.190

Q109. How many subnets and hosts per subnet can you get from the network 172.20.0.0 255.255.255.192?

Answer : 1024 subnets and 62 hosts

Q110. How many subnets and hosts per subnet can you get from the network 192.168.242.0 255.255.255.240?

Answer : 16 subnets and 14 hosts

Q111. What is the last valid host on the subnetwork 172.27.24.0/21?

Answer : 172.27.31.254

Q112. You are designing a subnet mask for the 192.168.179.0 network. You want 7 subnets with up to 27 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.255.224

Q113. What is the last valid host on the subnetwork 192.168.141.128/27?

Answer : 192.168.141.158

Q114. What is the last valid host on the subnetwork 172.21.194.0/23?

Answer : 172.21.195.254

Q115. What is the broadcast address of the network 172.19.19.0/24?

Answer : 172.19.19.255

Q116. Which subnet does host 172.22.79.175 255.255.252.0 belongs to?

Answer : 172.22.76.0

Q116. **What is the last valid host on the subnetwork 172.31.128.0/20?**

Answer : 172.31.143.254

Q117. **What valid host range is the IP address 172.17.252.114 255.255.255.224 a part of?**

Answer : 172.17.252.97 through to 172.17.252.126

Q118. **What is the last valid host on the subnetwork 172.16.64.0 255.255.254.0?**

Answer : 172.16.65.254

Q119. **What is the first valid host on the subnetwork that the node 172.24.237.103 255.255.254.0 belongs to?**

Answer : 172.24.236.1

Q120. **How many subnets and hosts per subnet can you get from the network 172.26.0.0/28?**

Answer : 4096 subnets and 14 hosts

Q121. **What is the first valid host on the subnetwork that the node 172.30.253.12/24 belongs to?**

Answer : 172.30.253.1

Q122. **How many subnets and hosts per subnet can you get from the network 192.168.159.0/27?**

Answer : 8 subnets and 30 hosts

Q123. **What is the first valid host on the subnetwork that the node 172.25.123.55/23 belongs to?**

Answer : 172.25.122.1

Q124. **What valid host range is the IP address 172.17.35.40/23 a part of?**

Answer : 172.17.34.1 through to 172.17.35.254

Q125. **How many subnets and hosts per subnet can you get from the network 192.168.21.0/27?**

Answer : 8 subnets and 30 hosts

Q126. **What is the first valid host on the subnetwork that the node 172.17.173.212/28 belongs to?**

Answer : 172.17.173.209

Q127. **Which subnet does host 172.17.196.244 255.255.255.0 belongs to?**

Answer : 172.17.196.0

Q128. **Which subnet does host 192.168.114.212 255.255.255.248 belongs to?**

Answer : 192.168.114.208

Q129. **What is the broadcast address of the network 192.168.65.112/29?**

Answer : 192.168.65.119

Q130. **What is the broadcast address of the network 192.168.166.244 255.255.255.252?**

Answer : 192.168.166.247

Q131. **What is the last valid host on the subnetwork 10.27.208.0 255.255.240.0?**

Answer : 10.27.223.254

Q132. **What valid host range is the IP address 172.29.232.89/22 a part of?**

Answer : 172.29.232.1 through to 172.29.235.254

Q133. **How many subnets and hosts per subnet can you get from the network 192.168.54.0 255.255.255.192?**

Answer : 4 subnets and 62 hosts

Q134. **What is the broadcast address of the network 172.21.246.224 255.255.255.224?**

Answer : 172.21.246.255

Q135. **What is the first valid host on the subnetwork that the node 172.20.207.125/25 belongs to?**

Answer : 172.20.207.1

Q136. **What is the first valid host on the subnetwork that the node 172.24.176.32 255.255.248.0 belongs to?**

Answer : 172.24.176.1

Q137. **What is the last valid host on the subnetwork 172.25.43.96/27?**

Answer : 172.25.43.126

Q138. **What is the broadcast address of the network 172.31.137.64 255.255.255.192?**

Answer : 172.31.137.127

Q139. **How many subnets and hosts per subnet can you get from the network 172.28.0.0/28?**

Answer : 4096 subnets and 14 hosts

Q140. **What is the last valid host on the subnetwork 172.16.240.0 255.255.254.0?**

Answer : 172.16.241.254

Q141. **What is the broadcast address of the network 172.20.56.0 255.255.254.0?**

Answer : 172.20.57.255

Q142. **How many subnets and hosts per subnet can you get from the network 172.19.0.0 255.255.248.0?**

Answer : 32 subnets and 2046 hosts

Q143. **What is the broadcast address of the network 172.26.120.0 255.255.252.0?**

Answer : 172.26.123.255

Q144. **How many subnets and hosts per subnet can you get from the network 172.29.0.0/28?**

Answer : 4096 subnets and 14 hosts

Q145. **What is the first valid host on the subnetwork that the node 172.28.210.197 255.255.248.0 belongs to?**

Answer : 172.28.208.1

Q146. **How many subnets and hosts per subnet can you get from the network 192.168.214.0/28?**

Answer : 16 subnets and 14 hosts

Q147. What valid host range is the IP address 172.25.155.9 255.255.254.0 a part of?

Answer : 172.25.154.1 through to 172.25.155.254

Q148. What valid host range is the IP address 172.17.162.239/26 a part of?

Answer : 172.17.162.193 through to 172.17.162.254

Q149. What valid host range is the IP address 172.28.71.136 255.255.255.128 a part of?

Answer : 172.28.71.129 through to 172.28.71.254

Q150. What is the last valid host on the subnetwork 10.162.240.0/20?

Answer : 10.162.255.254

Q151. What is the broadcast address of the network 10.41.144.0 255.255.240.0?

Answer : 10.41.159.255

Q152. How many subnets and hosts per subnet can you get from the network 172.29.0.0/28?

Answer : 4096 subnets and 14 hosts

Q153. What is the first valid host on the subnetwork that the node 192.168.16.9/27 belongs to?

Answer : 192.168.16.1

Q154. What is the broadcast address of the network 192.168.68.228/30?

Answer : 192.168.68.231

Q155. Which subnet does host 172.18.148.119/23 belongs to?

Answer : 172.18.148.0

Q156. What is the last valid host on the subnetwork 172.30.194.0/25?

Answer : 172.30.194.126

Q157. What is the broadcast address of the network 172.31.240.0/21?

Answer : 172.31.247.255

Q158. **What valid host range is the IP address 172.31.240.231 255.255.254.0 a part of?**

Answer : 172.31.240.1 through to 172.31.241.254

Q159. **What is the broadcast address of the network 172.24.176.0 255.255.248.0?**

Answer : 172.24.183.255

Q160. **Which subnet does host 192.168.253.41/29 belongs to?**

Answer : 192.168.253.40

Q161. **How many subnets and hosts per subnet can you get from the network 192.168.216.0 255.255.255.240?**

Answer : 16 subnets and 14 hosts

Q162. **What valid host range is the IP address 172.22.72.166 255.255.255.192 a part of?**

Answer : 172.22.72.129 through to 172.22.72.190

Q163. **What is the broadcast address of the network 172.21.106.0 255.255.255.128?**

Answer : 172.21.106.127

Q164. **What valid host range is the IP address 172.29.159.239/23 a part of?**

Answer : 172.29.158.1 through to 172.29.159.254

Q165. **What is the first valid host on the subnetwork that the node 10.221.30.29 255.255.240.0 belongs to?**

Answer : 10.221.16.1

Q166. **What is the last valid host on the subnetwork 192.168.51.48 255.255.255.248?**

Answer : 192.168.51.54

Q167. **What is the first valid host on the subnetwork that the node 172.26.26.114 255.255.254.0 belongs to?**

Answer : 172.26.26.1

Q168. **What is the broadcast address of the network 192.168.203.128 255.255.255.128?**

Answer : 192.168.203.255

Q169. **What valid host range is the IP address 192.168.183.147/29 a part of?**

Answer : 192.168.183.145 through to 192.168.183.150

Q170. **How many subnets and hosts per subnet can you get from the network 192.168.240.0/28?**

Answer : 16 subnets and 14 hosts

Q171. **What valid host range is the IP address 192.168.240.201/30 a part of?**

Answer : 192.168.240.201 through to 192.168.240.202

Q172. **What is the last valid host on the subnetwork 172.17.84.0/23?**

Answer : 172.17.85.254

Q173. **What is the last valid host on the subnetwork 172.31.96.0/20?**

Answer : 172.31.111.254

Q174. **What is the last valid host on the subnetwork 192.168.191.192/26?**

Answer : 192.168.191.254

Q175. **How many subnets and hosts per subnet can you get from the network 10.0.0.0 255.255.240.0?**

Answer : 4096 subnets and 4094 hosts

Q176. **What is the last valid host on the subnetwork 172.30.42.160/28?**

Answer : 172.30.42.174

Q177. **You are designing a subnet mask for the 172.18.0.0 network. You want 13 subnets with up to 2800 hosts on each subnet. Which subnet mask should you use?**

Answer : 255.255.240.0

Q178. **What valid host range is the IP address 192.168.64.61/25 a part of?**

Answer : 192.168.64.1 through to 192.168.64.126

Q179. What is the last valid host on the subnetwork 192.168.128.0 255.255.255.128?

Answer : 192.168.128.126

Q180. How many subnets and hosts per subnet can you get from the network 172.26.0.0 255.255.254.0?

Answer : 128 subnets and 510 hosts

Q181. What is the last valid host on the subnetwork 192.168.251.0/26?

Answer : 192.168.251.62

Q182. What is the last valid host on the subnetwork 172.25.62.0/23?

Answer : 172.25.63.254

Q183. How many subnets and hosts per subnet can you get from the network 192.168.68.0 255.255.255.192?

Answer : 4 subnets and 62 hosts

Q184. What is the first valid host on the subnetwork that the node 172.28.236.55/25 belongs to?

Answer : : 172.28.236.1

Q185. Which subnet does host 172.29.5.75 255.255.254.0 belongs to?

Answer : 172.29.4.0

Q186. What is the first valid host on the subnetwork that the node 172.27.15.192/23 belongs to?

Answer : 172.27.14.1

Q187. What is the last valid host on the subnetwork 172.20.23.128/25?

Answer : 172.20.23.254

Q188. Which subnet does host 192.168.234.52/29 belongs to?

Answer : 192.168.234.48

Q189. How many subnets and hosts per subnet can you get from the network 172.26.0.0 255.255.254.0?

Answer : 128 subnets and 510 hosts

Q190. **What valid host range is the IP address 172.31.75.3 255.255.254.0 a part of?**

Answer : 172.31.74.1 through to 172.31.75.254

Q191. **What is the broadcast address of the network 172.27.28.0 255.255.254.0?**

Answer : 172.27.29.255

Q192. **What is the last valid host on the subnetwork 172.27.148.0 255.255.254.0?**

Answer : 172.27.149.254

Q193. **What is the last valid host on the subnetwork 172.19.144.0/21?**

Answer : 172.19.151.254

Q194. **What valid host range is the IP address 10.199.143.236/20 a part of?**

Answer : 10.199.128.1 through to 10.199.143.254

Q195. **What is the last valid host on the subnetwork 10.182.112.0 255.255.240.0?**

Answer : 10.182.127.254

Q196. **Which subnet does host 192.168.9.122/25 belongs to?**

Answer : 192.168.9.0

Q197. **What is the first valid host on the subnetwork that the node 172.31.108.124/28 belongs to?**

Answer : 172.31.108.113

Q198. **What valid host range is the IP address 172.24.201.10/23 a part of?**

Answer : 172.24.200.1 through to 172.24.201.254

Q199. **Which subnet does host 172.31.114.5 255.255.254.0 belongs to?**

Answer : 172.31.114.0

Q200. **What is the last valid host on the subnetwork 172.28.153.128 255.255.255.128?**

Answer : 172.28.153.254

Q201. **What is the first valid host on the subnetwork that the node 172.28.202.207/23 belongs to?**

Answer : 172.28.202.1

Q202. What is the first valid host on the subnetwork that the node 172.18.104.106 255.255.255.192 belongs to?

Answer : 172.18.104.65

Q203. What is the first valid host on the subnetwork that the node 172.25.91.27 255.255.255.0 belongs to?

Answer : 172.25.91.1

Q204. Which subnet does host 192.168.250.225/28 belongs to?

Answer : 192.168.250.224

Q205. What valid host range is the IP address 172.19.71.122/23 a part of?

Answer : 172.19.70.1 through to 172.19.71.254

Q206. What valid host range is the IP address 172.19.71.122/23 a part of?

Answer : 172.19.70.1 through to 172.19.71.254

Q207. What is the last valid host on the subnetwork 192.168.39.144 255.255.255.248?

Answer : 192.168.39.150

Q208. What is the broadcast address of the network 172.23.90.0 255.255.254.0?

Answer : 172.23.91.255

Q209. How many subnets and hosts per subnet can you get from the network 172.21.0.0 255.255.254.0?

Answer : 128 subnets and 510 hosts

Q210. What is the last valid host on the subnetwork 172.16.108.0 255.255.252.0?

Answer : 172.16.111.254

Q211. What is the first valid host on the subnetwork that the node 172.27.46.16/25 belongs to?

Answer : 172.27.46.1

Q212. What valid host range is the IP address 172.23.119.5 255.255.252.0 a part of?

Answer : 172.23.116.1 through to 172.23.119.254

Q213. Which subnet does host 192.168.70.130/28 belongs to?

Answer : 192.168.70.128

Q214. What is the last valid host on the subnetwork 172.24.152.0 255.255.254.0?

Answer : 172.24.153.254

Q215. What valid host range is the IP address 192.168.31.154/25 a part of?

Answer : 192.168.31.129 through to 192.168.31.254

Q216. Which subnet does host 192.168.129.50/25 belongs to?

Answer : 192.168.129.0

Q217. What is the first valid host on the subnetwork that the node 172.27.47.183/28 belongs to?

Answer : 172.27.47.177

Q218. What is the last valid host on the subnetwork 192.168.142.64/26?

Answer : 192.168.142.126

Q219. You are designing a subnet mask for the 192.168.128.0 network. You want 12 subnets with up to 12 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.255.240

Q220. How many subnets and hosts per subnet can you get from the network 192.168.222.0/27?

Answer : 8 subnets and 30 hosts

Q221. What is the broadcast address of the network 192.168.140.64/27?

Answer : 192.168.140.95

Q222. What is the first valid host on the subnetwork that the node 172.18.139.60/20 belongs to?

Answer : 172.18.128.1

Q223. What is the broadcast address of the network 172.21.150.0 255.255.254.0?

Answer : 172.21.151.255

Q224. **Which subnet does host 172.20.78.180 255.255.254.0 belongs to?**

Answer : 172.20.78.0

Q225. **What valid host range is the IP address 192.168.2.136/25 a part of?**

Answer : 192.168.2.129 through to 192.168.2.254

Q226. **What is the broadcast address of the network 172.19.208.0/22?**

Answer : 172.19.211.255

Q227. **Which subnet does host 172.21.215.111/21 belongs to?**

Answer : 172.21.208.0

Q228. **You are designing a subnet mask for the 10.0.0.0 network. You want 3100 subnets with up to 4000 hosts on each subnet. Which subnet mask should you use?**

Answer : 255.255.240.0

Q229. **You are designing a subnet mask for the 172.22.0.0 network. You want 40 subnets with up to 700 hosts on each subnet. Which subnet mask should you use?**

Answer : 255.255.252.0

Q230. **What is the last valid host on the subnetwork 172.28.128.0/25?**

Answer : 172.28.128.126

Q231. **Which subnet does host 172.23.212.130 255.255.240.0 belongs to?**

Answer : 172.23.208.0

Q232. **What valid host range is the IP address 192.168.118.238/30 a part of?**

Answer : 192.168.118.237 through to 192.168.118.238

Q233. **How many subnets and hosts per subnet can you get from the network 192.168.17.0 255.255.255.240?**

Answer : 16 subnets and 14 hosts

Q234. **What is the broadcast address of the network 172.22.220.0 255.255.255.0?**

Answer : 172.22.220.255

Q235. **What valid host range is the IP address 172.30.202.174 255.255.255.192 a part of?**

Answer : 172.30.202.129 through to 172.30.202.190

Q236. **What is the first valid host on the subnetwork that the node 10.71.180.18 255.255.240.0 belongs to?**

Answer : 10.71.176.1

Q237. **Which subnet does host 172.17.26.177 255.255.255.0 belongs to?**

Answer : 172.17.26.0

Q238. **Which subnet does host 10.229.116.20 255.255.240.0 belongs to?**

Answer : 10.229.112.0

Q239. **What is the broadcast address of the network 172.18.115.0/24?**

Answer : 172.18.115.255

Q240. **How many subnets and hosts per subnet can you get from the network 192.168.171.0 255.255.255.240?**

Answer : 16 subnets and 14 hosts

Q241. **What is the broadcast address of the network 172.16.232.0/21?**

Answer : 172.16.239.255

Q242. **How many subnets and hosts per subnet can you get from the network 172.18.0.0/26?**

Answer : 1024 subnets and 62 hosts

Q243. **What valid host range is the IP address 172.17.38.166/26 a part of?**

Answer : 172.17.38.129 through to 172.17.38.190

Q244. **What valid host range is the IP address 172.29.89.47/21 a part of?**

Answer : 172.29.88.1 through to 172.29.95.254

Q245. **What is the last valid host on the subnetwork 172.26.73.128 255.255.255.240?**

Answer : 172.26.73.142

Q246. How many subnets and hosts per subnet can you get from the network 172.22.0.0 255.255.254.0?

Answer : 128 subnets and 510 hosts

Q247. Which subnet does host 172.19.183.7 255.255.252.0 belongs to?

Answer : 172.19.180.0

Q248. How many subnets and hosts per subnet can you get from the network 192.168.236.0/28?

Answer : 16 subnets and 14 hosts

Q249. What is the first valid host on the subnetwork that the node 192.168.142.47 255.255.255.128 belongs to?

Answer : 192.168.142.1

Q250. Which subnet does host 192.168.133.203/27 belongs to?

Answer : 192.168.133.192

Q251. What is the broadcast address of the network 172.26.42.0 255.255.254.0?

Answer : 172.26.43.255

Q252. Which subnet does host 172.27.45.12/26 belongs to?

Answer : 172.27.45.0

Q253. What is the last valid host on the subnetwork 172.29.28.160/27?

Answer : 172.29.28.190

Q254. What is the last valid host on the subnetwork 172.25.80.0 255.255.248.0?

Answer : 172.25.87.254

Q255. What is the last valid host on the subnetwork 192.168.165.0/26?

Answer : 192.168.165.62

Q256. How many subnets and hosts per subnet can you get from the network 172.25.0.0/22?

Answer : 64 subnets and 1022 hosts

Q257. What is the broadcast address of the network 192.168.204.32 255.255.255.248?

Answer : 192.168.204.39

Q258. **What is the broadcast address of the network 172.22.2.224 255.255.255.224?**

Answer : 172.22.2.255

Q259. **What is the first valid host on the subnetwork that the node 172.17.143.75/27 belongs to?**

Answer : 172.17.143.65

Q260. **What valid host range is the IP address 172.30.37.116/22 a part of?**

Answer : 172.30.36.1 through to 172.30.39.254

Q261. **What is the last valid host on the subnetwork 172.23.72.0/24?**

Answer : 172.23.72.254

Q262. **Which subnet does host 172.26.253.29/25 belongs to?**

Answer : 172.26.253.0

Q263. **Which subnet does host 192.168.142.54 255.255.255.240 belongs to?**

Answer : 192.168.142.48

Q264. **What is the first valid host on the subnetwork that the node 192.168.82.146 255.255.255.240 belongs to?**

Answer : 192.168.82.145

Q265. **What is the last valid host on the subnetwork 172.25.164.0/23?**

Answer : 172.25.165.254

Q266. **What is the last valid host on the subnetwork 172.25.164.0/23?**

Answer : 172.25.165.254

Q267. **What is the last valid host on the subnetwork 192.168.173.64 255.255.255.240?**

Answer : 192.168.173.78

Q268. **What is the broadcast address of the network 172.28.0.0 255.255.240.0?**

Answer : 172.28.15.255

Q269. **What is the broadcast address of the network 172.26.225.128/27?**

Answer : 172.26.225.159

Q270. What is the broadcast address of the network 172.16.144.0 255.255.240.0?

Answer : 172.16.159.255

Q271. What is the broadcast address of the network 172.24.242.128 255.255.255.128?

Answer : 172.24.242.255

Q272. Which subnet does host 172.17.87.191/23 belongs to?

Answer : 172.17.86.0

Q273. What is the first valid host on the subnetwork that the node 172.30.89.114 255.255.254.0 belongs to?

Answer : 172.30.88.1

Q274. What is the last valid host on the subnetwork 172.21.32.0/22?

Answer : 172.21.35.254

Q275. What is the broadcast address of the network 172.26.60.0 255.255.252.0?

Answer : 172.26.63.255

Q276. Which subnet does host 172.24.190.180 255.255.255.0 belongs to?

Answer : 172.24.190.0

Q277. How many subnets and hosts per subnet can you get from the network 172.28.0.0 255.255.254.0?

Answer : 128 subnets and 510 hosts

Q278. What is the broadcast address of the network 172.27.205.48/28?

Answer : 172.27.205.63

Q279. What valid host range is the IP address 172.16.6.78/20 a part of?

Answer : 172.16.0.1 through to 172.16.15.254

Q280. What is the first valid host on the subnetwork that the node 192.168.30.46/27 belongs to?

Answer : 192.168.30.33

Q281. What valid host range is the IP address 172.18.138.83/21 a part of?

Answer : 172.18.136.1 through to 172.18.143.254

Q282. What valid host range is the IP address 172.28.126.110 255.255.255.128 a part of?

Answer : 172.28.126.1 through to 172.28.126.126

Q283. How many subnets and hosts per subnet can you get from the network 172.25.0.0/23?

Answer : 128 subnets and 510 hosts

Q284. How many subnets and hosts per subnet can you get from the network 192.168.148.0/27?

Answer : 8 subnets and 30 hosts

Q285. What is the last valid host on the subnetwork 172.22.64.0 255.255.240.0?

Answer : 172.22.79.254

Q286. What is the broadcast address of the network 172.23.39.0/24?

Answer : 172.23.39.255

Q287. Which subnet does host 192.168.60.148 255.255.255.248 belongs to?

Answer : 192.168.60.144

Q288. What is the broadcast address of the network 172.17.200.0 255.255.248.0?

Answer : 172.17.207.255

Q289. What is the last valid host on the subnetwork 192.168.55.128 255.255.255.192?

Answer : 192.168.55.190

Q290. What is the first valid host on the subnetwork that the node 192.168.127.104 255.255.255.192 belongs to?

Answer : 192.168.127.65

Q291. Which subnet does host 172.16.11.9 255.255.254.0 belongs to?

Answer : 172.16.10.0

Q292. How many subnets and hosts per subnet can you get from the network 172.19.0.0/27?

Answer : 2048 subnets and 30 hosts

Q293. How many subnets and hosts per subnet can you get from the network 192.168.15.0/29?

Answer : 32 subnets and 6 hosts

Q294. **What is the last valid host on the subnetwork 172.21.216.0 255.255.254.0?**

Answer : 172.21.217.254

Q295. **What is the first valid host on the subnetwork that the node 172.23.12.34/27 belongs to?**

Answer : 172.23.12.33

Q296. **What is the last valid host on the subnetwork 172.20.2.0 255.255.254.0?**

Answer : 172.20.3.254

Q297. **What is the broadcast address of the network 172.24.208.0/20?**

Answer : 172.24.223.255

Q298. **Which subnet does host 172.21.128.225/27 belongs to?**

Answer : 172.21.128.224

Q299. **What valid host range is the IP address 172.21.175.56/23 a part of?**

Answer : 172.21.174.1 through to 172.21.175.254

Q300. **Which subnet does host 192.168.243.21 255.255.255.252 belongs to?**

Answer : 192.168.243.20

Q301. **What is the first valid host on the subnetwork that the node 172.20.184.211 255.255.254.0 belongs to?**

Answer : 172.20.184.1

Q302. **What is the first valid host on the subnetwork that the node 172.27.96.123 255.255.254.0 belongs to?**

Answer : 172.27.96.1

Q303. **What is the first valid host on the subnetwork that the node 172.19.233.40 255.255.254.0 belongs to?**

Answer : 172.19.232.1

Q304. **How many subnets and hosts per subnet can you get from the network 172.21.0.0/28?**

Answer : 4096 subnets and 14 hosts

Q305. **What is the first valid host on the subnetwork that the node 192.168.101.236/29 belongs to?**

Answer : 192.168.101.233

Q306. **What is the broadcast address of the network 192.168.165.64 255.255.255.192?**

Answer : 192.168.165.127

Q307. **What is the first valid host on the subnetwork that the node 192.168.161.51 255.255.255.248 belongs to?**

Answer : 192.168.161.49

Q308. **Which subnet does host 172.26.197.145/23 belongs to?**

Answer : 172.26.196.0

Q309. **Which subnet does host 10.95.98.72 255.255.240.0 belongs to?**

Answer : 10.95.96.0

Q310. **What is the first valid host on the subnetwork that the node 192.168.50.88 255.255.255.192 belongs to?**

Answer : 192.168.50.65

Q311. **Which subnet does host 192.168.230.90/27 belongs to?**

Answer : 192.168.230.64

Q312. **What valid host range is the IP address 192.168.48.222 255.255.255.224 a part of?**

Answer : 192.168.48.193 through to 192.168.48.222

Q313. **What is the broadcast address of the network 192.168.48.0 255.255.255.192?**

Answer : 192.168.48.63

Q314. **What is the last valid host on the subnetwork 172.20.248.0/23?**

Answer : 172.20.249.254

Q315. **How many subnets and hosts per subnet can you get from the network 172.31.0.0/24?**

Answer : 256 subnets and 254 hosts

Q316. What is the last valid host on the subnetwork 192.168.3.208/28?

Answer : 192.168.3.222

Q317. What is the last valid host on the subnetwork 172.21.146.0 255.255.254.0?

Answer : 172.21.147.254

Q318. What is the last valid host on the subnetwork 172.30.108.0/23?

Answer : 172.30.109.254

Q319. What is the first valid host on the subnetwork that the node 172.22.209.219 255.255.254.0 belongs to?

Answer : 172.22.208.1

Q320. How many subnets and hosts per subnet can you get from the network 10.0.0.0 255.255.240.0?

Answer : 4096 subnets and 4094 hosts

Q321. Which subnet does host 172.26.53.171/28 belongs to?

Answer : 172.26.53.160

Q322. What valid host range is the IP address 172.27.148.164/27 a part of?

Answer :172.27.148.161 through to 172.27.148.190

Q323. What is the first valid host on the subnetwork that the node 172.27.42.110 255.255.254.0 belongs to?

Answer : 172.27.42.1

Q324. How many subnets and hosts per subnet can you get from the network 172.30.0.0 255.255.254.0?

Answer : 128 subnets and 510 hosts

Q325. What is the last valid host on the subnetwork 192.168.89.144/29?

Answer : 192.168.89.150

Q326. You are designing a subnet mask for the 172.23.0.0 network. You want 110 subnets with up to 400 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.254.0

Q326. **What valid host range is the IP address 172.24.125.64/22 a part of?**

Answer : 172.24.124.1 through to 172.24.127.254

Q327. **How many subnets and hosts per subnet can you get from the network 172.21.0.0 255.255.255.0?**

Answer : 256 subnets and 254 hosts

Q328. **Which subnet does host 192.168.173.140/27 belongs to?**

Answer : 192.168.173.128

Q329. **What is the broadcast address of the network 172.20.16.0/23?**

Answer : 172.20.17.255

Q330. **What is the last valid host on the subnetwork 172.31.118.0/23?**

Answer : 172.31.119.254

Q331. **How many subnets and hosts per subnet can you get from the network 192.168.167.0 255.255.255.240?**

Answer : 16 subnets and 14 hosts

Q332. **What is the last valid host on the subnetwork 172.16.152.0 255.255.252.0?**

Answer : 172.16.155.254

Q333. **What is the first valid host on the subnetwork that the node 172.29.80.242 255.255.254.0 belongs to?**

Answer : 172.29.80.1

Q334. **What is the last valid host on the subnetwork 172.20.92.64/28?**

Answer : 172.20.92.78

Q335. **What is the last valid host on the subnetwork 172.21.131.0 255.255.255.0?**

Answer : 172.21.131.254

Q336. **Which subnet does host 192.168.61.218 255.255.255.252 belongs to?**

Answer : 192.168.61.216

Q337. **What is the broadcast address of the network 172.21.80.0/23?**

Answer : 172.21.81.255

Q338. What is the first valid host on the subnetwork that the node 172.16.85.152/23 belongs to?

Answer : 172.16.84.1

Q339. What valid host range is the IP address 172.24.145.24/28 a part of?

Answer : 172.24.145.17 through to 172.24.145.30

Q340. You are designing a subnet mask for the 172.31.0.0 network. You want 50 subnets with up to 600 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.252.0

Q341. What valid host range is the IP address 172.28.32.197 255.255.254.0 a part of?

Answer : 172.28.32.1 through to 172.28.33.254

Q342. What is the last valid host on the subnetwork 172.21.199.0 255.255.255.0?

Answer : 172.21.199.254

Q343. What is the broadcast address of the network 192.168.252.208/28?

Answer : 192.168.252.223

Q344. What is the last valid host on the subnetwork 10.242.160.0 255.255.240.0?

Answer : 10.242.175.254

Q345. How many subnets and hosts per subnet can you get from the network 192.168.130.0/28?

Answer : 16 subnets and 14 hosts

Q346. Which subnet does host 10.171.80.161/20 belongs to?

Answer : 10.171.80.0

Q347. What is the broadcast address of the network 172.17.138.0 255.255.255.0?

Answer : 172.17.138.255

Q348. You are designing a subnet mask for the 192.168.61.0 network. You want 7 subnets with up to 29 hosts on each subnet. Which subnet mask should you use?

Answer : 255.255.255.224

Q349. How many subnets and hosts per subnet can you get from the network 172.18.0.0 255.255.255.0?

Answer : 256 subnets and 254 hosts

Q350. What is the first valid host on the subnetwork that the node 172.16.130.180 255.255.252.0 belongs to?

Answer : 172.16.128.1

Q351. What is the broadcast address of the network 172.22.121.0 255.255.255.0?

Answer : 172.22.121.255

Q352. What is the last valid host on the subnetwork 172.17.64.0/20?

Answer : 172.17.79.254

Q353. What is the first valid host on the subnetwork that the node 10.38.63.176 255.255.240.0 belongs to?

Answer : 10.38.48.1

Q354. How many subnets and hosts per subnet can you get from the network 172.31.0.0 255.255.248.0?

Answer : 32 subnets and 2046 hosts

Q355. What is the last valid host on the subnetwork 172.19.56.0/21?

Answer : 172.19.63.254

Q356. Which subnet does host 172.18.240.148 255.255.248.0 belongs to?

Answer : 172.18.240.0

Q357. What is the last valid host on the subnetwork 192.168.251.0 255.255.255.128?

Answer : 192.168.251.126

Q358. What is the last valid host on the subnetwork 192.168.251.0 255.255.255.128?

Answer : 192.168.251.126

Q359. What is the last valid host on the subnetwork 192.168.63.64/27?

Answer : 192.168.63.94

Q360. What is the broadcast address of the network 172.19.104.0/23?

Answer : 172.19.105.255

Q361. What is the first valid host on the subnetwork that the node 172.25.163.207 255.255.254.0 belongs to?

Answer : 172.25.162.1

Q362. What is the first valid host on the subnetwork that the node 172.19.10.11/21 belongs to?

Answer : 172.19.8.1

Q363. What is the last valid host on the subnetwork 172.31.246.0/23?

Answer : 172.31.247.254

Q364. Which subnet does host 172.17.76.193 255.255.252.0 belongs to?

Answer : 172.17.76.0

Q365. What is the broadcast address of the network 192.168.10.128 255.255.255.224?

Answer : 192.168.10.159

Q366. How many subnets and hosts per subnet can you get from the network 10.0.0.0 255.255.240.0?

Answer : 4096 subnets and 4094 hosts

Q367. What is the broadcast address of the network 192.168.20.4 255.255.255.252?

Answer : 192.168.20.7

Q368. How many subnets and hosts per subnet can you get from the network 172.17.0.0 255.255.254.0?

Answer : 128 subnets and 510 hosts

Q369. How many subnets and hosts per subnet can you get from the network 192.168.109.0 255.255.255.248?

Answer : 32 subnets and 6 hosts

Q370. What is the last valid host on the subnetwork 192.168.152.96/27?

Answer : 192.168.152.126

Q371. **Which subnet does host 172.28.98.135/23 belongs to?**

Answer : 172.28.98.0

Q372. **Which subnet does host 192.168.203.209 255.255.255.240 belongs to?**

Answer : 192.168.203.208

Q373. **Which subnet does host 172.17.41.153 255.255.255.192 belongs to?**

Answer : 172.17.41.128

Q374. **What is the broadcast address of the network 172.24.199.0/25?**

Answer : 172.24.199.127

Q375. **What valid host range is the IP address 172.23.211.211/21 a part of?**

Answer : 172.23.208.1 through to 172.23.215.254

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"Once done with CCNA, Your Next & Big Goal Should be CCNP & CCIE"

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2 MOST DEMANDED & HIGHEST PAID
100% JOB GUARANTEED COURSES FROM NB

CCIE R&S INTEGRATED

Starting package of 4-5 Lacs INR

CCIE SECURITY INTEGRATED

Starting package of 5-6 Lacs INR

CCIE R&S INTEGRATED

Shortcut to Success Program

CCIE R&S is **Highest Level of Certification** in Routing & Switching track offered by **Cisco Systems**. CCIE R&S integrated course is perfect combination of **CCNA R&S + CCNP R&S + CCIE R&S Certifications** making you eligible for job roles related to Cisco Networking.

There are around 35,000 CCIE R&S Certified Engineers worldwide

Whereas IT Industry needs over 300,000 CCIE R&S

Certified Engineers right now!

COURSES COVERED

- CCNA R&S
- CCNP R&S
- CCIE R&S
- Advanced BGP/MPLS
- CISCO Nexus

100% JOB

PLACEMENT GUARANTEE
at Starting package 4-5 Lacs/Yr.

EXTRA CLASSES TO MAKE YOU JOB READY!

Spoken English, Group Discussion, Presentation Skills, CV Writing, Interview Preparation, Industrial Seminars, Mock Interviews.

JOB ROLES

Post completion of this Program you will be eligible for

- Network Engineer
- Network Administrator
- Network Specialist
- Sr. Network Engineer
- IT Manager
- Principal Network Architect

CCIE SECURITY INTEGRATED

Most Demanded IT Certification on Planet

CCIE Security is **World's Most Prestigious, Most demanded** and **Highest paid IT Certification**. This is the most recommended course to build an amazing career in IT.

There are around 6,000 CCIE Security Certified Engineers worldwide

Whereas IT Industry needs over 200,000 CCIE Security

Certified Engineers right now!

COURSES COVERED

- CCNA R&S
- CCNP R&S
- CCNA Security
- CCNP Security
- CCIE Security
- Juniper SRX firewall, Checkpoint Firewall
- Palo Alto Firewalls

100% JOB PLACEMENT GUARANTEE
at Starting package 5-6 Lacs/Yr.

EXTRA CLASSES TO MAKE YOU JOB READY!

Spoken English, Group Discussion, Presentation Skills, CV Writing, Interview Preparation, Industrial Seminars, Mock Interviews.

JOB ROLES

Post completion of this Program you will be eligible for

- Network Engineer
- Network Administrator
- Network Security Administrator
- Sr. Network Engineer
- Network Security Engineer
- Network Security Specialist

GET CISCO CERTIFIED & GET 100% PLACEMENTS

LIKE OUR 15000+ HAPPY STUDENTS

Pritam
CCIE R&S Integrated
NBT

Sanjeev
CCIE Security Integrated
British Telecom

Praful
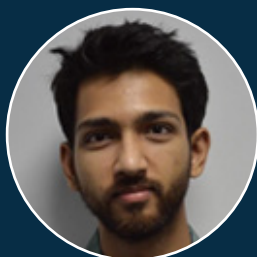CCIE R&S Integrated
CSS Corp

Karan Deep
CCIE R&S Integrated
DSM Infocom

Abhishek
CCIE R&S Integrated
RailTel

Sumit
CCIE R&S Integrated
British Telecom

Gaurav
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Saurabh
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British Telecom

Chanchala
CCIE R&S Integrated
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Sagar
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NBT

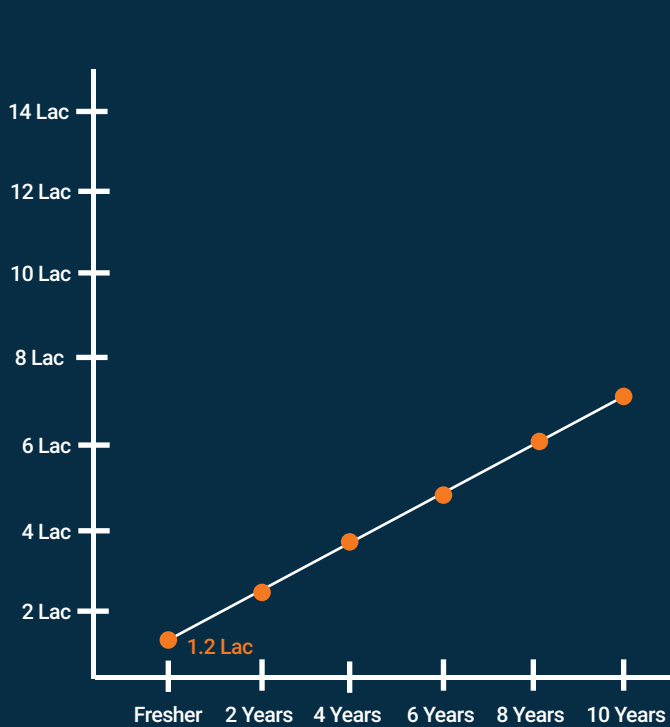**Kartik**
CCIE Security Integrated
British Telecom

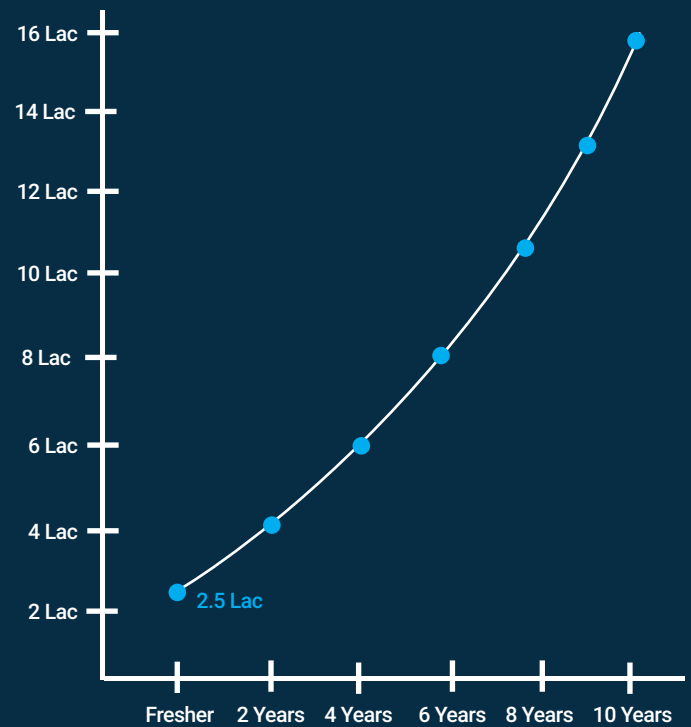**Amit**
MVTE
British Telecom

STUDENTS PLACED IN 25+ MNCs

DELL   orange   CISCO   innodata   ARICENT

RAILTEL   BT   CSS CORP   HCL   NB NETWORK BULLS technologies

+ Many More...

YOUR 10 YEAR GROWTH CHART AFTER CCNA, CCNP & CCIE?

Chart 1: Student with CCNA or CCNP Level Knowledge

	Fresher	2 Years	4 Years	6 Years	8 Years	10 Years
Salary	1.2 Lac	~2.5 Lac	~3.5 Lac	~4.8 Lac	~6 Lac	~7 Lac

STUDENT WITH CCNA OR CCNP LEVEL KNOWLEDGE

Chart 2: Student with CCIE Written Certification

	Fresher	2 Years	4 Years	6 Years	8 Years	10 Years
Salary	2.5 Lac	~4 Lac	~6 Lac	~8 Lac	~10.5 Lac	~16 Lac

STUDENT WITH CCIE WRITTEN CERTIFICATION

CAREER PATH OF CCIE LAB CERTIFIED STUDENT

	Fresher	5 Years	10 Years	15 Years
Salary	4.5 Lac	~12 Lac	~28 Lac	
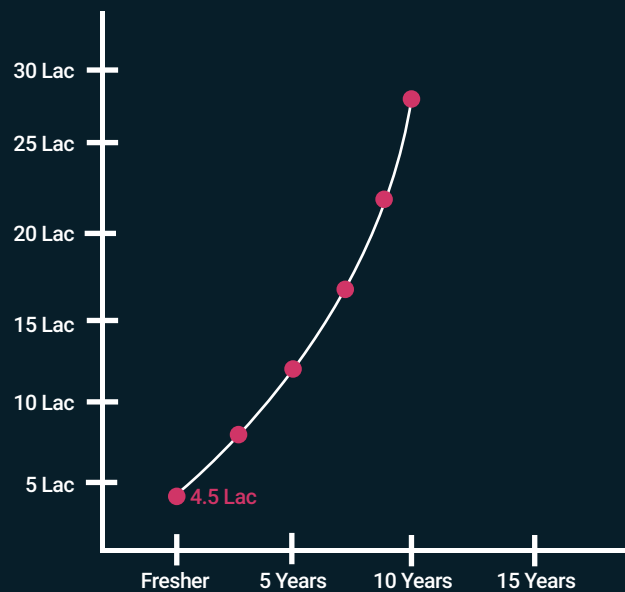
" CCIE Lab Certified Students get 2x career growth compared to students who have CCIE written Certification and 5x career growth compared to students with CCNA, CCNP level knowledge. So, **Go for CCIE Lab Certification & Make your Career FLY!** "