1. **IP Address = 10.28.149.60/28**

**10.28.149.60 =**

**255.255.255.240 =**

**No of Subnet Bits = 20**

**No of Host Bits = 4**

**No of Sub networks = 2^20 =1024**

**No of Hosts =2^4 =16**

**Hosts possible in each subnet =2^4-2= 14**

**First Host Address =10.28.149.49**

**Last Host Address =10.28.149.62**

**Current IP Address =10.28.149.60**

**Previous Subnet Address=10.28.149.32**

**Next Subnet Address =10.28.149.64**

**Broadcast Address =10.28.149.63**

**Previous IP =10.28.149.59**

**Next IP =10.28.149.61**

1. **IP Address = 10.26.134.13/26**

**10.26.134.13 =**

**255.255.255.192 =**

**No of Subnet Bits = 18**

**No of Host Bits = 6**

**No of Sub networks =262144**

**No of Hosts =64**

**First Host Address =10.26.134.1**

**Last Host Address =10.26.134.62**

**Current IP Address =10.26.134.13**

**Previous Subnet Address=10.26.133.191**

**Next Subnet Address =10.26.134.64**

**Broadcast Address =10.26.134.63**

**Previous IP =10.26.134.12**

**Next IP =10.26.134.14**

1. **IP Address = 172.23.7.63/28**

**172.23.7.63 =**

**255.255.255.240 =**

**No of Subnet Bits = 12**

**No of Host Bits = 4**

**No of Sub networks =4096**

**No of Hosts =16**

**First Host Address =172.23.7.49**

**Last Host Address =172.23.7.62**

**Current IP Address =172.23.7.63**

**Previous Subnet Address=172.23.7.32**

**Next Subnet Address =172.23.7.64**

**Broadcast Address =172.23.7.63**

**Previous IP =172.23.7.62**

**Next IP =172.23.7.64**

1. **IP Address = 172.29.149.106/28**

**172.29.149.106 =**

**255.255.255.240 =**

**No of Subnet Bits = 12**

**No of Host Bits = 4**

**No of Sub networks =4096**

**No of Hosts =16**

**First Host Address =172.29.149.97**

**Last Host Address =172.29.149.110**

**Current IP Address =172.29.149.106**

**Previous Subnet Address=172.29.149.80**

**Next Subnet Address =172.29.149.112**

**Broadcast Address =172.29.149.111**

**Previous IP =172.29.149.105**

**Next IP =172.29.149.107**

1. **IP Address = 192.168.19.7/28**

**192.168.19.7 =**

**255.255.255.240 =**

**No of Subnet Bits = 4**

**No of Host Bits = 4**

**No of Sub networks =16**

**No of Hosts =16**

**First Host Address =192.168.19.1**

**Last Host Address =192.168.19.14**

**Current IP Address =192.168.19.7**

**Previous Subnet Address=192.168.18.239**

**Next Subnet Address =192.168.19.16**

**Broadcast Address =192.168.19.15**

**Previous IP =192.168.19.6**

**Next IP =192.168.19.8**

1. **IP Address = 192.168.19.36/30**

**192.168.19.36 = 11000000.10101000.00010011.00100100**

**255.255.255.252 =11111111.11111111.11111111.11111100**

**No of Subnet Bits = 6**

**No of Host Bits = 2**

**No of Sub networks =64**

**No of Hosts =4**

**First Host Address =192.168.19.37**

**Last Host Address =192.168.19.38**

**Current IP Address =192.168.19.36**

**Previous Subnet Address=192.168.19.36**

**Next Subnet Address =192.168.19.40**

**Broadcast Address =192.168.19.11**

**Previous IP =192.168.19.35**

**Next IP =192.168.19.192.37**