

# Subnetting Questions And Answers With Explanation

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## [Book] Subnetting Questions And Answers With Explanation

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network address with a default subnet mask of 255.255.0.0 Adding 11 subnetting bits to the default 16-bit subnet mask yields 27 subnet bits and makes the new subnet mask 255.255.255.224 Using 11 bits for subnetting provides 2046 subnets with a maximum of 30 hosts per subnet To find the subnet address interval, use the following procedure

#### IP Addressing and Subnetting - Expert Network Consultant

IP Address Classes Class A 1 - 127 (Network 127 is reserved for loopback and internal testing) Leading bit pattern 0

00000000000000000000000000000000 Class B 128 - 191 Leading bit pattern 10 10000000000000000000000000000000 Class C 192 - 223 Leading bit pattern 110 11000000000000000000000000000000 Class D 224 - 239 (Reserved for multicast)

#### Subnetting Questions with Detailed Answers

Subnetting Questions with Detailed Answers: Subnetting Questions with Detailed Answers: These questions were designed to test your knowledge of subnetting Hopefully, by the end of the worksheet, the exercise will make you feel more comfortable with your ability to subnet ip addresses Do not use a

#### subnetting exercises answers - Router Alley

Subnetting Exercises Answers v110 - Aaron Balchunas \*\*\* All original material copyright © 2006 by Aaron Balchunas ( aaron@routeralley.com ), unless otherwise

#### Some Subnetting Practice Problem Solutions

Some Subnetting Practice Problem Solutions practice problem 1 What is 231836251 in binary? Solution: dec bin 23 00010111 183 10110111 62

00111110 51 00110011

### **EasySubnetting.com Subnetting Workshop - Beau Sanders**

Basic subnetting is very easy when performed in seven steps This example uses the Class C address 211212100 Using the seven steps provided here, you can create a subnetting scheme that allows you to use this address on your network

### **How to Master Subnetting - GNS3vault**

Bit(s) A bit has 2 possible values, 1 or 0 (on or off) Byte A byte is 8 bits Octet An octet is just like a byte 8 bits, you often see byte or octet both being used Nibble A nibble is 4 bits, we'll talk about this more in the Hexadecimal chapter Network address When we talk about routing, the network address is important Routers use the network address to send IP packets to the right

### **Lecture 10. Subnetting & Supernetting**

GBianchi, GNeglia, VMancuso Subnet creation and management Internet InterNIC Private Network Administrator 13117500 Give me a class B, please

### **IP Addressing and Subnetting - PSAU**

194 Chapter 7: IP Addressing and Subnetting CertPrs8/CCNA® Cisco Certified Network Associate Study Guide/Richard Deal/149728-5/Chapter 7 Probably one of the most confusing aspects of the TCP/IP protocol stack is the addressing structure used at the Internet layer, referred to as IP addressing

### **IP Addressing and Subnetting**

IP Addressing and Subnetting Workbook Instructor's Edition Version 11 IP Address Classes Class A 1 - 127 (Network 127 is reserved for loopback and internal testing) Leading bit pattern 0 00000000000000000000000000000000 Class B 128 - 191 Leading bit pattern 10 10000000000000000000000000000000 Class C 192 - 223 Leading bit pattern 110 ...

### **IP Addressing and Subnetting for New Users**

The network subnetting scheme in this section allows for eight subnets, and the network might appear as: Figure 2 Notice that each of the routers in Figure 2 is attached to four subnetworks, one subnetwork is common to both routers Also, each router has an IP address for each subnetwork to which it is attached Each subnetwork could

### **Variable-Length Subnet Masks - clnchina.com.cn**

Variable-Length Subnet Masks This chapter covers the following exam topics: 10 Network Fundamentals 18 Configure, verify, and troubleshoot IPv4 addressing and subnetting IPv4 addressing and subnetting use a lot of terms, a lot of small math steps, and a lot of concepts that fit together While learning those concepts, it helps to keep things

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### **VLSM & IP ADDRESSING EXAMPLE QUESTIONS;**

VLSM & IP ADDRESSING EXAMPLE QUESTIONS with answers; 1 Given the network address of 1124400 and the network mask of 25525500 Would the two stations with addresses 112442219/16 and 11244232/16 be on the same

**Mastering IP Subnetting Forever - UCF Department of EECS**

Network subnetting requirements -Number of subnets required and making sure enough room for desired hosts The MB-Key -Provides many of the answers needed to accomplish the subnetting tasks -The network block size, determined from the key, will be VERY helpful Subnetting Review 33

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**Multiple Choice Questions of Computer Networking**

Click Here for Answers 1 - D / 2 - C / 3 - D / 4 - B / 5 - C / 6 - C / 7 - A / 8 - D / 9 - A / 10 - B Multiple Choice Questions of Computer Networking 2-1 Each IP packet must contain A Only Source address B Only Destination address C Source and Destination address D Source or Destination address

**IP Addressing and Subnetting - Leaman**

IP Addressing and Subnetting Workbook Instructor's Edition Version 20 IP Address Classes Class A 1 - 127 (Network 127 is reserved for loopback and internal testing) Leading bit pattern 0 00000000000000000000000000000000 Class B 128 - 191 Leading bit pattern 10 10000000000000000000000000000000 Class C 192 - 223 Leading bit pattern 110 ...

**QUESTIONS ON TCP/IP - technologyeye.weebly.com**

Vision Infosystems (VIS) Interview Questions Page No : 1 QUESTIONS ON TCP/IP 1 Explain range of TCP/IP classes Answer : CLASS A = 1 to 126 CLASS B = 128 to 191 CLASS C = 192 to 223