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on to the next question. [Subnetting Practice Questions - FlackBox](#) [CCNA 200-125 Exam: Subnetting Questions With Answers](#). 24/09/2018 Last Updated on Sep 24, 2018 [CCNA v3.0 \(200-125\) No Comments](#). Share Tweet Share Pin it. Refer to the exhibit. All of the routers in the network are configured with the ip subnet-zero command. Which network addresses should be used for Link A and Network A? [CCNA 200-125 Exam: Subnetting Questions With Answers](#) [3201 Computer Networks - 2014/2015 Handout: Subnetting Question](#). 2. 172.16.10.33 255.255.255.224 Ans: Subnet is 172.16.10.32, broadcast is 172.16.10.63 and valid host range is 172.16.10.33 to 10.62. $256-224=32$. $32+32=64$. The subnet is 10.32 and the next subnet is 10.64, so the broadcast address must be 10.63. [Subnetting Questions with Answers - CN3201CS Answer & Solution](#). Answer: Option B. Solution: The mask 255.255.254.0 (/23) used with a Class A address means that there are 15 subnet bits and 9 host bits. The block size in the third octet is 2 (256 - 254). So this makes the subnets in the interesting octet 0, 2, 4, 6, etc., all the way to 254. [Subnetting - Networking MCQ Questions and answers ...2, 3 and 4](#). Answer: Option B. Explanation: The mask 255.255.254.0 (/23) used with a Class A address means that there are 15 subnet bits and 9 host bits. The block size in the third octet is 2 (256 - 254). So this makes the subnets in the interesting octet 0, 2, 4, 6, etc., all the way to 254. [Subnetting - Networking Questions and Answers](#) Enter the maximum number of valid subnets and usable hosts per subnet that you can get from the network 192.168.172.0/30: Subnets: Hosts per subnet: Show Answer. Keep practicing this question type. Login to View All Question Types. [subnetting.net](#) - Subnet Questions and Answers It explains what Subnetting is and why it is necessary in computer network along with the advantages of Subnetting. [Subnetting Tricks](#) [Subnetting Made Easy with Examples](#). This tutorial is the fourth part of the article. It explains how to solve or answer any Subnetting related question in less than a minute with 50+ Subnetting examples. [Subnetting Tutorial - Subnetting Explained with Examples](#) Yes both would work. Mask 255.255.0.0 has 8 bits for the subnet and 16 bits for the host. 8 bits would accommodate $2^8=256$ subnets. 16 bits would accommodate 2^{16} = over 64000 hosts. Mask 255.255.255.0 has 16 bits for the subnet and 8 bits of the host. [Subnetting Worked Examples and Exercises](#) This site automatically generates questions on subnetting using a random number generator. [IPv4 subnetting - random question generator v1.6](#) Question: What is the valid host range for subnet 192.168.15.48/28? [subnetting.org](#) - Free Subnetting Questions and Answers ... This site automatically generates questions on subnetting using a random number generator. [IPv4 subnetting - random question generator v1.6](#) Question: Network 172.16.0.0 needs to be divided into 60 subnets, while keeping as many usable hosts in each subnet as possible. [subnetting.org](#) - Free Subnetting Questions and Answers ... Download [CCNA Subnetting Questions and Answers PDF](#). In today's article we are going to learn about the concept of

subnetting and how we can use it to divide our classful network into smaller networks that can operate in separate working zones. We'll also take a look at how we can conserve address space and save resources on process management with the use of subnetting.

ccna subnetting questions and answers pdf Archives ...In class A, Subnetting of /26 provides 262144 networks with the block size of 64. 0.0.64, 0.0.128, 0.0.192, 0.0.255, 0.1.64, 0.2.192, 0.2.255, 0.3.64, 0.3.128, 0.3.192, 0.3.255, 0.4.64 , 0.254.0 , 0.254.64 , 0.254.128 , 0.254.255. In this Subnetting, the first subnet with available addresses is 0.3.128. Assign it to this segment.

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- Subnetting Exercises Answers - (Please note: For all subnetting questions, assume the 'all-zeroes' and 'all-ones' subnets are usable. Or, in the Cisco vernacular, assume we have "ip subnet-zero" enabled.) 1. Convert the following decimal numbers to binary. 100: 01100100 254: 11111110 113: 01110001 66: 01000010 2.

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It explains what Subnetting is and why it is necessary in computer network along with the advantages of Subnetting. Subnetting Tricks Subnetting Made Easy with Examples. This tutorial is the fourth part of the article. It explains how to solve or answer any Subnetting related question in less than a minute with 50+ Subnetting examples.

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3201 Computer Networks - 2014/2015 Handout: Subnetting Question. 2. 172.16.10.33 255.255.255.224 Ans: Subnet is 172.16.10.32, broadcast is 172.16.10.63 and valid host range is 172.16.10.33 to 10.62. $256-224=32$. $32+32=64$. The subnet is 10.32 and the next subnet is 10.64, so the broadcast address must be 10.63.

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Enter the maximum number of valid subnets and usable hosts per subnet that you can get from the network 192.168.172.0/30: Subnets: Hosts per subnet: Show Answer. Keep practicing this question type. Login to View All Question Types.

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VLSM Subnetting Examples and Calculation Explained

Yes both would work. Mask 255.255.0.0 has 8 bits for the subnet and 16 bits for the host. 8 bits would accommodate $2^8 = 256$ subnets. 16 bits would accommodate $2^{16} =$ over 64000 hosts. Mask 255.255.255.0 has 16 bits for the subnet and 8 bits of the host.

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To practice Subnetting: Click on the [New Problem] button below; Solve the five attributes for the given Target IP and CIDR; Click [Check] to check if your answer was correct; Click [Show] to view correct answers; Type "." or "/" in any input box to jump to the next box (desktop only) Keyboard [ENTER] button will perform following action:

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24/09/2018 Last Updated on Sep 24, 2018 CCNA v3.0 (200-125)

No Comments. Share Tweet Share Pin it. Refer to the exhibit. All of the routers in the network are configured with the ip subnet-zero command. Which network addresses should be used for Link A and Network A?

Subnetting Worked Examples and Exercises

In class A, Subnetting of /26 provides 262144 networks with the block size of 64. 0.0.64, 0.0.128, 0.0.192, 0.0.255, 0.1.64, 0.2.192, 0.2.255, 0.3.64, 0.3.128, 0.3.192, 0.3.255, 0.4.64 , 0.254.0 , 0.254.64 , 0.254.128 , 0.254.255. In this Subnetting, the first subnet with available addresses is 0.3.128. Assign it to this segment.

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Answer & Solution. Answer: Option B. Solution: The mask 255.255.254.0 (/23) used with a Class A address means that there are 15 subnet bits and 9 host bits. The block size in the third octet is 2 (256 - 254). So this makes the subnets in the interesting octet 0, 2, 4, 6, etc., all the way to 254.

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2, 3 and 4. Answer: Option B. Explanation: The mask 255.255.254.0 (/23) used with a Class A address means that there are 15 subnet bits and 9 host bits. The block size in the third octet is 2 (256 - 254). So this makes the subnets in the interesting octet 0, 2, 4, 6, etc., all the way to 254.

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By using subnetting, one single Class A IP address can be used to have smaller sub-networks which provides better network management capabilities. Class A Subnets. In Class A, only the first octet is used as Network identifier and rest of three octets are used to be assigned to Hosts (i.e. 16777214 Hosts per Network).

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