

Data Link Layer Questions And Answers

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Answers to Exam 1 Questions . Q.1 Hardware devices like workstations, NIC, media, servers, hubs, nodes and switches ... Q.15 Data Link layer deals with data transport issues. T F . Q.16 Upper layers of the OSI Reference model are implemented in software and hardware. ...

MCQ Questions and Answers on Data Communication and Computer Networks protocols or Multiple Choice Questions with Answers on Data Communication and Networks from chapter Data Link Layer. These quiz objective questions are helpful for examinations NIELIT, BCA, B.Sc. MCA, M.Sc(IT), BE, B.Tech, CCNA, MCSE
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Tell me why data link layer is divided into two layers? Data link layer is divided into MAC layer and LLC layer. This LLC LAYER is form for NOVELL AND IPX protocol. For ip protocol we use SRC ADDRESS and DEST ADDR(for communication),but when we use IPX/NOVELL protocol the frame include 1 more byte named "flag"(through which

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Data Link Layer - MCQs with Answer

Questions on Data Link Layer : Question 10 : Consider a token ring network with a length of 2 km having 10 stations including a monitoring station. The propagation speed of the signal is 2×10^8 m/s and the token transmission time is ignored. If each station is allowed to hold the token for 2 μ sec, the minimum time for which the monitoring ...

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Quiz & Worksheet - Data Link Layer of the OSI Model ...

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Explanation: A network interface card and a switch operate at layer 2 (Data Link) of the OSI model. Layer 2 includes

protocol that define the MAC address. The MAC address is burned into the network interface card, and switch uses the MAC address to make forwarding decisions.

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Data link layer is responsible for converting data stream to signals bit by bit and to send that over the underlying hardware. At the receiving end, Data link layer picks up data from hardware which are in the form of electrical signals, assembles them in a recognizable frame format, and hands over to upper layer. Data link layer has two sub ...

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4 7 The Ohio State University Raj Jain Character Stuffing Delimit with DLE STX or DLE ETX character flags Insert 'DLE' before accidental 'DLE' in data Remove stuffed character at destination Fig 3-4 8 The Ohio State University Raj Jain Bit Stuffing Delimit with special bit pattern (bit flags) Stuff bits if pattern appears in data Remove stuffed bits at destination

Chapter 3: Datalink Layer

The data link layer is the second layer in the OSI Model. The three main functions of the data link layer are to deal with transmission errors, regulate the flow of data, and provide a well ...

Data Link Layer of the OSI Model: Protocol, Functions ...

The data link layer is used for the encoding, decoding and logical organization of data bits. Data packets are framed and addressed by this layer, which has two sublayers. The data link layer's first sublayer is the media access control (MAC) layer. It is used for source and destination addresses.

What is Data Link Layer? - Definition from Techopedia

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Answers to Exam 1 Questions - Eastern Illinois University

Computer Networks - Data Link Layer - Important Short Questions and Answers: Computer Networks - Data Link Layer. 1. What are the responsibilities of data link layer? Specific responsibilities of data link layer include the following. a) Framing. b) Physical addressing. c) Flow control.

Important Short Questions and Answers: Computer Networks ...

The International Standards Organization (ISO) developed the Open Systems Interconnection (OSI) model which divides network communication into seven layers. Layers 1-4 are considered the lower layers and mostly concern themselves with moving data around whereas Layers 5-7 are the upper layers and contain application-level data.

OSI Network Layers Quiz - ProProfs Quiz

Data-Link layer: The Data-Link layer is the protocol layer in a program that handles the moving of data in and out across a physical link in a network. The Data-Link layer is layer 2 in the Open Systems Interconnect (OSI) model for a set of telecommunication protocols.

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