Mindluster Platform

About the course Link Layer Services in Computer Networks

Link Layer Services course, In this course you'll explore Link Layer Services, covering essential functions in network communication.

Computer Science Category's Courses

Course Lesson(64)

Lesson 1 : **Link Layer Services**

Lesson 2 : **Sub layers of the Data Link Layer**

Lesson 3 : **Framing Part 1**

Lesson 4 : **Framing Part 2**

Lesson 5 : **Framing Part 3**

Lesson 6 : **High Level Data Link Control HDLC**

Lesson 7 : **Bit Stuffing**

Lesson 8 : **Binary Synchronous Communications Protocol BISYNC**

Lesson 9 : **Point to Point Protocol PPP**

Lesson 10 : **Digital Data Communications Message Protocol DDCMP**

Lesson 11 : **Error Detection**

Lesson 12 : **Vertical Redundancy Check VRC**

Lesson 13 : **Longitudinal Redundancy Check LRC**

Lesson 14 : **Checksum**

Lesson 15 : **Cyclic Redundancy Check CRC Part 1**

Lesson 16 : **Cyclic Redundancy Check CRC Part 2**

Lesson 17 : **Cyclic Redundancy Check Solved Problem**

Lesson 18 : **Network Performance**

Lesson 19 : **Latency**

Lesson 20 : **Latency Simulation**

Lesson 21 : **Bandwidth Delay Product**

Lesson 22 : **Delay Solved Problem**

Lesson 23 : **Round Trip Time RTT**

Lesson 24 : **Flow Control**

Lesson 25 : **Stop and Wait Protocol**

Lesson 26 : **Stop and Wait ARQ Protocol**

Lesson 27 : **Sliding Window Protocol**

Lesson 28 : **Go Back N ARQ**

Lesson 29 : **Go Back N ARQ Solved Problem 1**

Lesson 30 : **Go Back N ARQ Solved Problem 2**

Lesson 31 : **Selective Repeat ARQ**

Lesson 32 : **Selective Repeat ARQ Solved Problem 1**

Lesson 33 : **Selective Repeat ARQ Solved Problem 2**

Lesson 34 : **Sliding Window Protocol Solved Problem 1**

Lesson 35 : **Sliding Window Protocol Solved Problem 2**

Lesson 36 : **Multiple Access Protocols**

Lesson 37 : **Pure Aloha**

Lesson 38 : **Slotted Aloha**

Lesson 39 : **Carrier Sense Multiple Access CSMA â€“ Part 1**

Lesson 40 : **Carrier Sense Multiple Access CSMA â€“ Part 2**

Lesson 41 : **Controlled Access Protocol â€“ Reservation**

Lesson 42 : **Controlled Access Protocol â€“ Polling**

Lesson 43 : **Controlled Access Protocol â€“ Token Passing**

Lesson 44 : **Channelization Protocols**

Lesson 45 : **Ethernet**

Lesson 46 : **Ethernet Solved Questions Part 1**

Lesson 47 : **Ethernet Solved Questions Part 2**

Lesson 48 : **Ethernet Transmitter Algorithm**

Lesson 49 : **Experience with Ethernet**

Lesson 50 : **Ethernet Solved Question 1**

Lesson 51 : **Ethernet Solved Question 2**

Lesson 52 : **Ethernet Solved Question 3**

Lesson 53 : **IEEE 802 11 Wireless Fidelity Wi Fi**

Lesson 54 : **IEEE 802 11 Distribution System**

Lesson 55 : **IEEE 802 11 Wi Fi Frame Format**

Lesson 56 : **Hidden Terminal Problem**

Lesson 57 : **Exposed Terminal Problem**

Lesson 58 : **Multiple Access with Collision Avoidance MACA**

Lesson 59 : **Wi Fi Solved Question**

Lesson 60 : **IEEE 802 15 1 Bluetooth**

Lesson 61 : **Bluetooth Protocol Stack**

Lesson 62 : **Virtual LAN VLAN**

Lesson 63 : **Spanning Tree Protocol STP**

Lesson 64 : **Spanning Tree Protocol Solved Question**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

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