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| Computer Networks and Security | |
| **SOURCE: 01** | **Computer Networks and Security (GATE EXAM)** | |
| 01 | [Computer Networks and Security Full Syllabus](https://www.youtube.com/watch?v=JFF2vJaN0Cw&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=1&pp=iAQB) | |
| 02 | [Introduction to Computer Network | OSI Model in Easiest Way](https://www.youtube.com/watch?v=4D55Cmj2t-A&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=2&pp=iAQB) | |
| 03 | [LAN, MAN, WAN, PAN, CAN | Computer](https://www.youtube.com/watch?v=n0iaPtsnmxQ&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=3&pp=iAQB) | |
| 04 | [TCP/IP Protocol Suite | Internet Protocol Suite | OSI vs TCP/IP](https://www.youtube.com/watch?v=GfaHdjApnhU&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=4&pp=iAQB) | |
| 05 | [Physical Layer in Computer Network | Function of Physical Layer](https://www.youtube.com/watch?v=lg-f92uY1Lc&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=5&pp=iAQB) | |
| 06 | [Topologies in Computer Network Part-1 | Mesh, Star, Hub, Bus, Hybrid](https://www.youtube.com/watch?v=uDulBxDb7GM&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=6&pp=iAQB) | |
| 07 | [Topologies in Computer Network Part-2 | Mesh, Star, Hub, Bus, Hybrid](https://www.youtube.com/watch?v=7t0YJWTjmdI&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=7&pp=iAQB) | |
| 08 | [Manchester Encoding and Differential Manchester Encoding](https://www.youtube.com/watch?v=3IaB2a8tXLA&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=8&pp=iAQB) | |
| 09 | [Various Devices in Computer Networks | Hardware and Software Devices](https://www.youtube.com/watch?v=YxyLN3N5w9s&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=9&pp=iAQB) | |
| 10 | [Types of Cables in Computer Networks | Coaxial, Twisted Pair, Fiber Optic Cable](https://www.youtube.com/watch?v=wuI6FGsOFZU&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=10&pp=iAQB) | |
| 11 | [Repeaters in Computer Networks | Physical Layer Devices](https://www.youtube.com/watch?v=mf4bRP_puNQ&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=11&pp=iAQB) | |
| 12 | [Hub in Computer Networks | Physical Layer Devices](https://www.youtube.com/watch?v=3N5a9cHYzCM&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=12&pp=iAQB) | |
| 13 | [Bridges in Computer Networks | Physical and data Link Layer Devices](https://www.youtube.com/watch?v=dDP36_ZBs6A&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=13&pp=iAQB) | |
| 14 | [Switch, Hub and Bridge Explained – What’s the Difference](https://www.youtube.com/watch?v=vdtqEPKYB5M&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=14&pp=iAQB) | |
| 15 | [Routers in Computer Networks | Physical, Data Link and Network Layer Device](https://www.youtube.com/watch?v=JhBnOamc_8s&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=15&pp=iAQB) | |
| 16 | [Collision Domain Vs. Broadcast Domain | Repeater, Hub, Bridge, Switch, Router](https://www.youtube.com/watch?v=301XUVtn-6s&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=16&pp=iAQB) | |
| 17 | [What is Circuit Switching in Computer Networks](https://www.youtube.com/watch?v=Cug52cpjM_g&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=17&pp=iAQB) | |
| 18 | [Packet Switching in Computer Networks](https://www.youtube.com/watch?v=_0mE6PH1E4c&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=18&pp=iAQB) | |
| 19 | [Datagram Switching vs Virtual Circuit Switching in Packet Switching](https://www.youtube.com/watch?v=-S-NThI_79o&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=19&pp=iAQB) | |
| 20 | [What is Message Switching in Computer Networks](https://www.youtube.com/watch?v=T1rSrLPHLLI&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=20&pp=iAQB) | |
| 21 | [Unicast, Broadcast and Multicast in Computer Networks](https://www.youtube.com/watch?v=EcWhJbEWxHU&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=21&pp=iAQB) | |
| 22 | [Data Link Layer in Computer Networks and Its Responsibilities](https://www.youtube.com/watch?v=JRgmPco0KWI&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=22&pp=iAQB) | |
| 23 | [Stop and Wait ARQ Protocol | Data Link Layer](https://www.youtube.com/watch?v=YIX1NfaUpsU&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=23&pp=iAQB) | |
| 24 | [Go-Back-N ARQ (Automatic Repeat Request | Data Link Layer](https://www.youtube.com/watch?v=zc88y9HTAOA&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=24&pp=iAQB) | |
| 25 | [Selective Repeat ARQ (Automatic Repeat Request) Data Link Layer](https://www.youtube.com/watch?v=08y_Vrs1vHo&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=25&pp=iAQB) | |
| 26 | [Various Flow Control Protocols | Stop and Wait, GoBackN and Selective Repeat](https://www.youtube.com/watch?v=yNedVgNyE8Q&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=26&pp=iAQB) | |
| 27 | [Framing in Data Link Layer | Bit Stuffing vs Byte Stuffing](https://www.youtube.com/watch?v=2U6kPu0dfqI&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=27&pp=iAQB) | |
| 28 | [Introduction to Error Detection and Correction](https://www.youtube.com/watch?v=U7-h2hyM1Dc&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=28&pp=iAQB) | |
| 29 | [Single Bit Parity Along with Hamming Distance Concept](https://www.youtube.com/watch?v=U09cNsiYpc8&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=29&pp=iAQB) | |
| 30 | [Cycle Redundancy Check (CRC) for Error Detection and Correction](https://www.youtube.com/watch?v=5Q-Yv6_0Qcw&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=30&pp=iAQB) | |
| 31 | [Hamming Code for Error Detection and Correction both with Easiest Example](https://www.youtube.com/watch?v=V5Iu52tbZEQ&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=31&pp=iAQB) | |
| 32 | [Various Medium Access Control Protocols in Data Link Layer](https://www.youtube.com/watch?v=G0h0dC4Zycs&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=32&pp=iAQB) | |
| 33 | [What is Pure Aloha | MAC Layer Protocol](https://www.youtube.com/watch?v=WYM9nFYnYAg&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=33&pp=iAQB) | |
| 34 | [Pure Aloha vs Slotted Aloha](https://www.youtube.com/watch?v=ggdeb2_z240&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=34&pp=iAQB) | |
| 35 | [Carrier Sense Multiple Access in Computer Network](https://www.youtube.com/watch?v=IftFvfSywCQ&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=35&pp=iAQB) | |
| 36 | [Carrier Sense Multiple Access / Collision Detection | CSMA/CD](https://www.youtube.com/watch?v=v_z888gQWq0&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=36&pp=iAQB) | |
| 37 | [CSMA/CA in Computer Network Full Explanation](https://www.youtube.com/watch?v=reQ938TeFHM&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=37&pp=iAQB) | |
| 38 | [Question on CSMA/CD](https://www.youtube.com/watch?v=oNOVfVcWBXc&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=38&pp=iAQB) | |
| 39 | [Ethernet Frame Format (IEEE-802.3) in Data Link Layer](https://www.youtube.com/watch?v=ewpq3qxx5Ls&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=39&pp=iAQB) | |
| 40 | [Token Ring (IEEE 802.5) in Computer Network](https://www.youtube.com/watch?v=-u4Dzu63eZc&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=40&pp=iAQB) | |
| 41 | [Network Layer | Responsibilities of Network Layer | OSI Model](https://www.youtube.com/watch?v=rW1jPlYgp_0&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=41&pp=iAQB) | |
| 42 | [Class A in IP Addressing with Example | Class-full Addressing | Network Layer](https://www.youtube.com/watch?v=iurle2xZrBQ&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=42&pp=iAQB) | |
| 43 | [Class B in IP Addressing with Example | Class-full Addressing | Network Layer](https://www.youtube.com/watch?v=es1NEZbgCss&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=43&pp=iAQB) | |
| 44 | [Class C in IP Addressing with Example | Class-full Addressing | Network Layer](https://www.youtube.com/watch?v=gk7c-Dceg5Y&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=44&pp=iAQB) | |
| 45 | [Class D and Class E in IP Addressing with Example | Class-full Addressing | Network Layer](https://www.youtube.com/watch?v=NDG2SEi2dKo&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=45&pp=iAQB) | |
| 46 | [Find Range, Network ID, Host, Broadcast Address with Numerical Example](https://www.youtube.com/watch?v=vTzrn_M77mo&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=46&pp=iAQB) | |
| 47 | [Disadvantages of Class-full Addressing | IP Addressing](https://www.youtube.com/watch?v=ARfwnD6X6ZI&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=47&pp=iAQB) | |
| 48 | [What is Class-less Addressing (CIDR) | CIDR vs Class-full Addressing](https://www.youtube.com/watch?v=N-ywmOpWehE&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=48&pp=iAQB) | |
| 49 | [Sub-netting in Class-full Addressing with Examples](https://www.youtube.com/watch?v=rdb2ki4iGuo&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=49&pp=iAQB) | |
| 50 | [Variable Length Subnet Masking (VLSM) with Examples](https://www.youtube.com/watch?v=mhVATrk0OhU&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=50&pp=iAQB) | |
| 51 | [Sub-netting in CIDR Addressing | Class-less Inter-domain Routing with Example](https://www.youtube.com/watch?v=wvvoT-dpr8o&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=51&pp=iAQB) | |
| 52 | [Question Numerical CIDR | Class-less Addressing](https://www.youtube.com/watch?v=jXioURQ2v8E&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=52&pp=iAQB) | |
| 53 | [VLSM in Class-less Addressing (CIDR) | Variable Length Subnet Masking](https://www.youtube.com/watch?v=DFjz3yxe3aU&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=53&pp=iAQB) | |
| 54 | [IPv4 Header Format Explained](https://www.youtube.com/watch?v=zoFSxIuS5Ro&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=54&pp=iAQB) | |
| 55 | [Fragmentation of IPv4 Datagram | Identification, Flags and Fragment Offset | Networks](https://www.youtube.com/watch?v=k8VgrqDOIUo&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=55&pp=iAQB) | |
| 56 | [Options and Padding in IPv4 Header](https://www.youtube.com/watch?v=W1UzRlh1gNc&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=56&pp=iAQB) | |
| 57 | [IPv6 Header Format | IPv4 vs IPv6 in Computer Network](https://www.youtube.com/watch?v=U3rGOTxwXAI&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=57&pp=iAQB) | |
| 58 | [What is Routing Protocols | Various Types of Routing Protocols](https://www.youtube.com/watch?v=rA0p0ouD3aE&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=58&pp=iAQB) | |
| 59 | [Distance Vector Routing Algorithm](https://www.youtube.com/watch?v=5ZuP5qjbKSI&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=59&pp=iAQB) | |
| 60 | [Count to Infinity Problem in Distance Vector Routing](https://www.youtube.com/watch?v=UYASPR4jEkk&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=60&pp=iAQB) | |
| 61 | [Link State Routing in Computer Network](https://www.youtube.com/watch?v=kW6zV-040SY&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=61&pp=iAQB) | |
| 62 | [ARP Explained – Address Resolution Protocol | Network Layer](https://www.youtube.com/watch?v=IUSyV2BVh4A&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=62&pp=iAQB) | |
| 63 | [NAT Explained – Network Address Translation with Example](https://www.youtube.com/watch?v=47PUj7OSGkA&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=63&pp=iAQB) | |
| 64 | [Transport Layer | Responsibilities of Transport Layer | OSI Model](https://www.youtube.com/watch?v=kAty4mKczEg&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=64&pp=iAQB) | |
| 65 | [Why Both IP and Port Address is Used for Connection | Socket Address Real Life Example](https://www.youtube.com/watch?v=zddG06-1Fl0&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=65&pp=iAQB) | |
| 66 | [TCP: Transmission Control Protocol | TCP Header | Transport Layer Part-1](https://www.youtube.com/watch?v=c8aet11HNxg&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=66&pp=iAQB) | |
| 67 | [TCP: Transmission Control Protocol | TCP Header | Transport Layer Part-2](https://www.youtube.com/watch?v=hsNuqtfxgRI&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=67&pp=iAQB) | |
| 68 | [TCP Connection Establishment and Connection Termination | Transport Layer](https://www.youtube.com/watch?v=qIEHUUt2Wfc&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=68&pp=iAQB) | |
| 69 | [TCP Data Transfer | Piggybacking and Pure Acknowledgement](https://www.youtube.com/watch?v=7zPfuIf4GL0&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=69&pp=iAQB) | |
| 70 | [Connection Termination in TCP with Example](https://www.youtube.com/watch?v=dJIAComFq9U&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=70&pp=iAQB) | |
| 71 | [TCP Congestion Control in Computer Networks](https://www.youtube.com/watch?v=0bc_T_pEZmo&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=71&pp=iAQB) | |
| 72 | [UDP (User Datagram Protocol) Header in Computer Network](https://www.youtube.com/watch?v=HF_znV8x9a0&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=72&pp=iAQB) | |
| 73 | [Advantages of UDP Protocol Over TCP | Transport Layer](https://www.youtube.com/watch?v=Zs0VixZqgzA&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=73&pp=iAQB) | |
| 74 | [TCP vs UDP Differences](https://www.youtube.com/watch?v=jJyXpMmXJI0&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=74&pp=iAQB) | |
| 75 | [Session Layer of OSI Model | Session Layer Functions](https://www.youtube.com/watch?v=2Abjxmp7TfU&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=75&pp=iAQB) | |
| 76 | [Presentation Layer in Computer Network | OSI Model](https://www.youtube.com/watch?v=cj4OxZRJUdw&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=76&pp=iAQB) | |
| 77 | [Application Layer of OSI Model | Application Layer Protocols and Port No](https://www.youtube.com/watch?v=8An0dRalJeM&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=77&pp=iAQB) | |
| 78 | [Domain Name System (DNS) in Computer Networks](https://www.youtube.com/watch?v=vhfRArT11jc&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=78&pp=iAQB) | |
| 79 | [Domain Name Server (DNS) and Its Types](https://www.youtube.com/watch?v=BZISxpdl4lQ&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=79&pp=iAQB) | |
| 80 | [HTTP, FTP, SMTP, FOP | Application Layer Protocols](https://www.youtube.com/watch?v=pnoWCK82apU&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=80&pp=iAQB) | |
| 81 | [Persistent vs Non-Persistent HTTP | HTTP/1.0 vs HTTP/1.1](https://www.youtube.com/watch?v=zRUdSu3JlK8&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=81&pp=iAQB) | |
| 82 | [SMTP vs POP3 vs IMAP with Real Life Example | Application Layer Protocols](https://www.youtube.com/watch?v=cjPVlxmf_Vk&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=82&pp=iAQB) | |
| 83 | [Cryptography in Computer Network Cryptography in Information Security](https://www.youtube.com/watch?v=trHox1bN5es&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=83&pp=iAQB) | |
| 84 | [Symmetric Key Cryptography in Network Security with Example](https://www.youtube.com/watch?v=6AmmQiOWoXM&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=84&pp=iAQB) | |
| 85 | [Question on Network Security | Symmetric Key Cryptography](https://www.youtube.com/watch?v=JUi2x_WbVO0&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=85&pp=iAQB) | |
| 86 | [Asymmetric Key Cryptography with Example | Network Security](https://www.youtube.com/watch?v=xw19eT5thIE&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=86&pp=iAQB) | |
| 87 | [RSA Algorithm in Network Security with Examples](https://www.youtube.com/watch?v=VUxfDCmWM0U&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=87&pp=iAQB) | |
| 88 | [What is Firewalls and How it Works | Packet Filtering Firewall Explained](https://www.youtube.com/watch?v=o_vyfo3Hw0Y&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=88&pp=iAQB) | |
| 89 | [What is Application (Proxy) Firewall | Network Security Part-2](https://www.youtube.com/watch?v=CHtTLireUCA&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=89&pp=iAQB) | |
| 90 | [Questions on Computer Networks](https://www.youtube.com/watch?v=DujE2sRVpeY&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=90&pp=iAQB) | |
| 91 | [All Networking Protocols and Devices | Summary From Physical and Application Layer](https://www.youtube.com/watch?v=aUYwx9bYlGY&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=91&pp=iAQB) | |
| 92 | [Top Linux Network Commands](https://www.youtube.com/watch?v=Ovm-qqdPKn8&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=92&pp=iAQB) | |
| 93 | [Socket Programming in Computer Networks](https://www.youtube.com/watch?v=XTVTlEhGS6w&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=93&pp=iAQB) | |
| 94 | [Need of IPv6 Protocol | Why IPv6 is Required](https://www.youtube.com/watch?v=0os5MOAKRL0&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=94&pp=iAQB) | |
| 95 | [What is IPSec Protocol | IPsec Introduction](https://www.youtube.com/watch?v=XsgVqrcP32U&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=95&pp=iAQB) | |
| 96 | [Transport Mode vs Tunnel Mode in IPSec](https://www.youtube.com/watch?v=dTkIs9XR4P0&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=96&pp=iAQB) | |
| 97 | [Basic of Communication](https://www.youtube.com/watch?v=kon5GS_OWl4&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=97&pp=iAQB) | |
| 98 | [Bandwidth vs Throughput vs Latency](https://www.youtube.com/watch?v=cDVNU2j26Bs&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=98&pp=iAQB) | |
| 99 | [Fast Ethernet vs Gigabit Ethernet with Examples](https://www.youtube.com/watch?v=V1y8fkNWp8c&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=99&pp=iAQB) | |
| 100 | [What is Ping and Loopback in Network](https://www.youtube.com/watch?v=78hvo-30ayg&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=100&pp=iAQB) | |
| 101 | [HTPP vs HTTPs with Examples](https://www.youtube.com/watch?v=FmgIQBQ87fo&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=101&pp=iAQB) | |
| 102 | [TCP/IP Protocol Suite with Real Live Examples | Why TCP/IP Used | Fundamentals](https://www.youtube.com/watch?v=TVr0RZ1-74g&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=102&pp=iAQB) | |
| 103 | [IPSec vs SSH vs. SSL/TLS Network Security Protocols](https://www.youtube.com/watch?v=G9Px24hHlUA&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=103&pp=iAQB) | |
| 104 | [What is VPN | How VPN Works | Virtual Private Network (VPN) with Real Life Example](https://www.youtube.com/watch?v=JFXBjlT5cGU&list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_&index=104&pp=iAQB) | |

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| Cyber Security | |
| **PART: 01** | **Cyber Security** |
| 01 | [Course Outline](https://www.youtube.com/watch?v=RVR25MzHnCI&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=1&pp=iAQB) |
| 02 | [Requirement](https://www.youtube.com/watch?v=ZXM-9YONmHc&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=2&pp=iAQB) |
| 03 | [Getting Ready](https://www.youtube.com/watch?v=OpMMrayXfyM&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=3&pp=iAQB) |
| 04 | [Effective Note Keeping](https://www.youtube.com/watch?v=VZPhj7aAwr8&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=4&pp=iAQB) |
| 05 | [Connect with Community](https://www.youtube.com/watch?v=g6yqSxIjIYc&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=5&pp=iAQB) |
| 06 | [What is Cyber Security](https://www.youtube.com/watch?v=8iWB0iF0NRU&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=6&pp=iAQB) |
| 07 | [History of Cyber Attacks](https://www.youtube.com/watch?v=1cKHzJOOMKs&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=7&pp=iAQB) |
| 08 | [Inclusion Detection System](https://www.youtube.com/watch?v=DgrfsOD5cBk&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=8&pp=iAQB) |
| 09 | [Careers in Cyber Security](https://www.youtube.com/watch?v=HyjI61jVQz8&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=9&pp=iAQB) |
| 10 | [Types of Hackers](https://www.youtube.com/watch?v=FL-Uz8UkZQ8&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=10&pp=iAQB) |
| 11 | [Cyber Threats, Malware](https://www.youtube.com/watch?v=Y2dLcLTBCB8&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=11&pp=iAQB) |
| 12 | [Phishing](https://www.youtube.com/watch?v=BscntB2Xj1Q&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=12&pp=iAQB) |
| 13 | [MITM Attacks](https://www.youtube.com/watch?v=I70q4vxmi5k&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=13&pp=iAQB) |
| 14 | [DDOS Attacks](https://www.youtube.com/watch?v=ZXQt3JPPrjk&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=14&pp=iAQB) |
| 15 | [Password Attacks](https://www.youtube.com/watch?v=KhSdDUC9zNE&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=15&pp=iAQB) |
| 16 | [Maladvertising](https://www.youtube.com/watch?v=EyifDT5DQ-o&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=16&pp=iAQB) |
| 17 | [Rouge Software](https://www.youtube.com/watch?v=MOxUB3UlfhU&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=17&pp=iAQB) |
| 18 | [What is Penetration Testing](https://www.youtube.com/watch?v=6oo7VCSdvEs&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=18&pp=iAQB) |
| 19 | [Types of Penetration Testing](https://www.youtube.com/watch?v=FHW2T084kyA&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=19&pp=iAQB) |
| 20 | [States of Penetration Testing](https://www.youtube.com/watch?v=Hzq_lXZHLz4&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=20&pp=iAQB) |
| 21 | [Hashing and Digital Signatures](https://www.youtube.com/watch?v=NZqDH7q2O-M&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=21&pp=iAQB) |
| 22 | [Cryptography](https://www.youtube.com/watch?v=htXmKoqsTCc&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=22&pp=iAQB) |
| 23 | [The CIA Traid](https://www.youtube.com/watch?v=xBT7h5TmA60&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=23&pp=iAQB) |
| 24 | [Foot Printing](https://www.youtube.com/watch?v=dFfAHts-Oy8&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=24&pp=iAQB) |
| 25 | [Linux Started](https://www.youtube.com/watch?v=s_aJHKZfDS0&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=25&pp=iAQB) |
| 26 | [What is Linux](https://www.youtube.com/watch?v=s_aJHKZfDS0&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=25&pp=iAQB) |
| 27 | [What is Linux](https://www.youtube.com/watch?v=cRB2fJPOfG8&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=26&pp=iAQB) |
| 28 | [Installing Linux VM](https://www.youtube.com/watch?v=lD09aHagXVA&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=27&pp=iAQB) |
| 29 | [Linux File System](https://www.youtube.com/watch?v=N028R6kqtzk&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=28&pp=iAQB) |
| 30 | [Linux Commands](https://www.youtube.com/watch?v=3xWo7A8Xhzs&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=29&pp=iAQB) |
| 31 | [Important and Sensitive Linux Files](https://www.youtube.com/watch?v=FGoeXukNJHY&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=30&pp=iAQB) |
| 32 | [What is Network](https://www.youtube.com/watch?v=ryZJn1KoUUo&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=31&pp=iAQB) |
| 33 | [IP Addresses](https://www.youtube.com/watch?v=pZ1Dz4AhzcE&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=32&pp=iAQB) |
| 34 | [Switches and Routes](https://www.youtube.com/watch?v=FhfjyxGlQ9A&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=33&pp=iAQB) |
| 35 | [Ports and Protocols](https://www.youtube.com/watch?v=q78ydrn4ZnY&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=34&pp=iAQB) |
| 36 | [NMAP](https://www.youtube.com/watch?v=3SBGzaHx6No&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=35&pp=iAQB) |
| 37 | [TCP and UDP Protocols](https://www.youtube.com/watch?v=YxtHcIvpHFE&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=36&pp=iAQB) |
| 38 | [What is Website](https://www.youtube.com/watch?v=FbEDcqV6q_M&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=37&pp=iAQB) |
| 39 | [What is Database](https://www.youtube.com/watch?v=EEaVo9G9bGU&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=38&pp=iAQB) |
| 40 | [Client and Server](https://www.youtube.com/watch?v=oz8hro5B6IM&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=39&pp=iAQB) |
| 41 | [Domains and Sub-Domains](https://www.youtube.com/watch?v=G2C-N-rNL0M&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=40&pp=iAQB) |
| 42 | [Request and Response](https://www.youtube.com/watch?v=G12XwBexxnU&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=41&pp=iAQB) |
| 43 | [Cookies and Tasty](https://www.youtube.com/watch?v=vPeD_q4NHxY&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=42&pp=iAQB) |
| 44 | [HTTP and HTTPs](https://www.youtube.com/watch?v=QLOb6OY8wQ8&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=43&pp=iAQB) |
| 45 | [HTTP Methods](https://www.youtube.com/watch?v=gTlfJQcGFf4&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=44&pp=iAQB) |
| 46 | [Burp Suite](https://www.youtube.com/watch?v=4lu-US-sx-Q&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=45&pp=iAQB) |
| 47 | [HTTP Status Codes](https://www.youtube.com/watch?v=36uhcX1T73g&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=46&pp=iAQB) |
| 48 | [OWASP-1](https://www.youtube.com/watch?v=eD3anOShL2s&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=47&pp=iAQB) |
| 49 | [OWASP-2](https://www.youtube.com/watch?v=YyaiDx3GlNg&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=48&pp=iAQB) |
| 50 | [OWASP-3](https://www.youtube.com/watch?v=y2KxnPoas-Y&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=49&pp=iAQB) |
| 51 | [OWASP-4](https://www.youtube.com/watch?v=5fzAi-Cmp_A&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=50&pp=iAQB) |
| 52 | [OWASP-5](https://www.youtube.com/watch?v=_6ON9sGZ0kg&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=51&pp=iAQB) |
| 53 | [Weapon zing](https://www.youtube.com/watch?v=WS2TB8_RiJk&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=52&pp=iAQB) |
| 54 | [Bug Bounty](https://www.youtube.com/watch?v=OtV-OA6tb-4&list=PLfAJSU55p-wsGBNiNuAGyQXa1x80jT9ZQ&index=53&pp=iAQB) |