feer to pear (no control on any per) Networking / Coharing is coming ? CCNP, CCNP - cisco certificate Client server model (ADMIN) (bour porn whole) Network NA - compter . " APSTNOP OST model. -2 or more comp. are linked to there same resources. OST Layers Activities. cables, radio manes, satellites, IR light Application (APP 10 APP) To allow acers to Tolnet FTP, SMTP, HTTP, ONS SNMP (sexue) Files (enoug) (pomon) (1P) Types of Networks notwork resources Brevertation (APP to APP) (Packets) LAN- (10 mbpsto 10 gbps) (Pier to Pier) (building) To translate encret complete date Services (App to App) To establish, manage PAN - (3-4 denies). (11) Transport (process to process) To provide (process) man-lola) (Public > Popular) Router Cleling & coveresor WAN- (internet) Network Destination I some more packets son 18. ARP /RARP, ICMP, I GMP logical move to desting (1500 bits riframe) addites internetweesking Data link (Moperiteh) (county) bits into frames CAN - (Great (ring to france)) SAN (storage area nefuciona) (SCSI) / Joutube BEESOL, TR, FDDI, PPP, Physical add. hop to hop Physical (wit & Regeater (speed)) to transmitt bely on Medium, Laan, Fiber, Obace Wertley nedium / menin and electrol.

Ilies of layer generalin pot Par UTP - (Sprotection) RJ (45) Physical layer Registered Lack is keyed connector (only one may invetion). transmission media Juided Juine Unquided (unreles) Conging tool electromage to Free space Land comia (able) For STP (2 protection) possibilities ropins) High authoraliana Coanial cable (4 protection) coty RG - 591 AS A Cable to R8 - 56 sca this est Rg - 11 | 52 Hours - ? conductor insulative & Shedd (Loud with) By Rodio good Royter tomer

anguided / wareless franchision Consial connectors (Ty/ve-10000)

10 base 2 (10 m = 100m) (CTC)

BNC-T BNC connector BNC terminator Radio Mans Meroenan, of Infrosed 3 KH3 10 249 H3 (2-5 Rm) 3004Hz to 400Tz Radio W/ walk talko At end point ground Short range Antenmas rousebility - I puliere Strutdown netdiork. truestrial satellite Night william Connert ligh forquery Wheles lan, 400 control, bluetos ibre opter cable (+K) (100 gbps) ight form Proto facket (plantie)
3 glass.
> Reular strength PING (Parket Internet gropher) to verify connection possiblety Plantie buffer Cinternal Pei-E) (Extornal issb)

If E & 502.11 handly > Ulisiles Pidelity (eigh)

1802.4.15 (SIA/TIA) SOBA Connectors, (opti fiber cable) ighte mode) (nuttimode) (Both) b - only unidircited as propagation. (49) Bluetooth (10 m) (2067 5.0, lecoups + 16 AN/compos/m por lan/Data center -> 502.11a -> 802.11an (Internal PC+P) [2019] 10-12-gape

burnel 5 HUB (on, other ports. Noticeothing denies Gatemay uplink (output) (input) 1. NCC (Nefmank card). (more address) (data link layer (lance protoco) 4) Bridge De Ruidge to connect ethernet cable Adhity & metal expertion and Boot Romchip & transfer or lonuard or diseard. > 32 bit Per Controller 87-45 morking of buildge bridge 2. Repeater (regenerate or replicate Elet top - box Tigural HPSTNOP # IPS doat 181/184/183/184 1/1/2/2 bridge only

y The 1 PS this upgraded as Smitch (Mrcaddresses) IP Addrewing TPV4 (32 bytes) 468 by IANA
of houl or souter
0.00.0 to 255.255.255.255 fair connect to voiters perviers or offer 1.1-614176 Kouitches. 100 of floor = [255 x] H] gatinay (security)
public > primati. 26 clas & - 128 to 191 Id created) 16 24 chais D - 224 to 239 (107) (multicant) Router (déferent noturoits) 16 2 class 6 - 240. to 255 (R3D) class is defined by I'st otet (18. Cocalhort (Look back IP) (Home) CLOSH NETID HOST TO TONHHH Claub NET ED HOSPID TONHA NET LD Clard C MICHTLIAST HOPKESS classil RESERVED Clay F

[N6 (RS bytes) (CP/19 -> OS) model J. (Conceputal) (Rejergal) uniquely universally to host a route to net. 4 layers 11: 2001: 268: 1234: 1350:2256: 73dd/64. > Application > Transport Hod billion IP. D Prefund Unicast teleast & Multicont. Interprise (no classes) Ph (possibilitées) | \$6 to: Subnet Mark defines no of hout Maero Bus Executable virus Backdoor circus 255.258855.0 - 258 made by artilious oexe lable - lend precine 256.266. 0.0 7 255×256. Anti program injole - view jetern Moffice down with - monitor all keys in VD. for Appro-DHIP (Dynamic Lost configuration protocol)/APIPA (DNO) your will that provide automatic It to delice a ors-cito www - Tan boxies Maleuare (ex. rangomuare) ONS (phonels ook) rocke wes b thisking MAC (unique for ceivry device) 2005 detakan Cake 10 (aus uguest). M-13-10-10-41-14 Dak tilnus IEFE SOL interopting

watchgund ((() () () #3 No Internet Acces Bunall logical ya phyrical scheek adapte of ports of willies of router of milling sertant network denies of system of chick drops that specific touth accepte, ofuto default line in cable Troay service #4 IP conflict 7. Ling from another after Shetdown, of pinging Poercall Cornet strall ge 1 P, - Pending (Vinuare). Practical D. Folder sharing in me truck
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