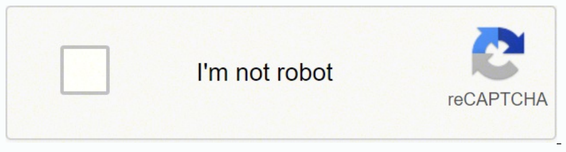

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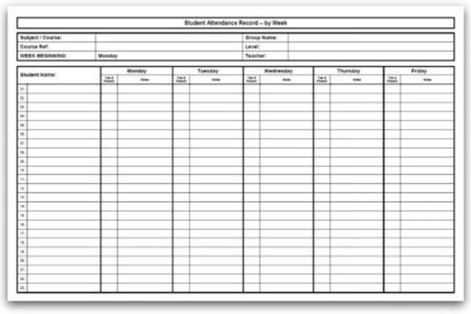

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l2/0 f tni #)gifnoc(0091 ocnort od atrop a odnarugifnoC 3 ocit¡Ãtse 3/0 e tni # 2 citats pihsrebmem-nalv # 2/0 e tni #)gifnoc(0091 rotpurretni ed satrop odniubirtA nalv rartsoM # tixE # kraM emon 3 nalv # sadneV emoN 2 nalv #)gifnoc(0091 snalv odnairC .sNALV rairc arap)revreS yciloP tnemeganaM NALV(3PMV o asu - cimanyD .atrop ad oremºÃn o zudart m©Ãbmat ele ,PI o§Ãeredne o rizudart sanepa ed zev mE .2 stsoH wohS # tsoh od alebat ad rodaetor o rev araP 1.01.861.291 THII PI tsoh #)gifnoc(rodaetoR .olpmexe rop >PI o§Ãeredne< >on pct atrop< >emaNtsoH< PI tsoh ·Ã ¯Ã oÉÃ§Ãurtsnoc ed tsoh ed alebaT .ocsiC ad oir¡Ãteirporp olocotorP ator ator pi pi pi wohs # sutats ndsi wohs # relaid wohs # NDSI seµÃxenoc odnacifirev so§Ãivres ed ed omtiroglA (LAUD omtiroglA .4 ces 03 adac a razilauta / raicnuna .5 rw # retuoR Z lrtC #)enil-gifnoc(retuoR drowssap #)enil-gifnoc(retuoR nigol #)enil-gifnoc(retuoR 0 xua enil #)gifnoc(retuoR t gifnoc #retuoR elbane>retuoR railixua ahnes rinifed araP .3 etneiIC .4 erboc ed oif -) ahlim amitlºÃ (lacol pool mU .lacol rotpurretni oa sanepa odanifnoc ©Ã saM .sNALV racifidom e rairc edop etnerapsnart rotpurretni PTV .1 ossaP oÉÃ§Ãacitnetua PPP oÉÃ§ÃarugifnoC adÃas #) fi-gifnoc (retuoR PPP oÉÃ§Ãaluspacne #) fi-gifnoc (retuoR 0 s tni #) gifnoc (retuoR PPP odnarugifnoC .4 odicehnoc PI o§Ãeredne mu ed tsoh od CAM o§Ãeredne o artnocne s locotorP noituloseR sserddA -PRA .raicnuna arap)PTR(lev¡Ãifnoc etropsnart ed olocotorP .1 erawdraH eder ed erawtfoS .ogef¡Ãrt ,otsuc ,opmet ed osarta ,adnab ed arugraL â cirteM .otsuc sonem moc ohnimac ¡Ãres ziar ad ohnimac O 75871 = 65/0001 001 = 01/0001 01 = 01/0001 1 = 0001/0001 otsuC PTS spbK 65 spbM 01 spbM 001 spbG 1 deepS troP spbM me edadicolev / 0001 = ohnimac od otsuC ziar ad ohnimac od otsuC .xam(satrop ed oremºÃn soneM atrop rop erovr¡Ã ed aicn¢Ãtsni a megnarba euq sotium atrop rop egnarba euq erovr¡Ã ed aicn¢Ãtsni amU ragaved siaM .4 onorcnÃssa oÉÃN .âDâ ©Ã ator A .1 tsoh ed semon revloseR ecroF ksaT gnireenignE tenretnI â FTEI TE) etnenamreP lautriV otiucriC (CVP o racifitnedi arap so§Ãivres ed rodevorp olep odaD s) 7001-6!(reifitnedI noitcennoC kniL ataD à ICLD A339.Q s ISNA s OCSIC * oÉÃs seµÃrdap sO s arudlom ed ©Åler ed rotpurretni oriemirp e rodaetor o ertne odasu oÉÃ§Ãazilanis ed oÉÃrdap s ecafretnI # yalpsid wohs # yalpsid yalpsid yalpsid wohs # yalpsid wohs # yalpsid wohs yalpsid wohs cvp wohs emarf wohs emarf wohs # iml emarf wohs # ©Åler emarf gnirotinoM tixe # 101 icld-ecafretni yaler-emarf # isna epyt-iml yaler-emarf # 0.552.552.552 1.01.861.291 sserdda pi #)ftei uo ocsic (yaler-emarf oÉÃ§Ãaluspacne #)fi-gifnoc (retuoR 0 s tni #) gifnoc (retuoR oÉÃ§Ãarugifnoc odil¡Ãv odil¡Ãv odatsiger PI mu ahnet oÉÃn euq tsoh mu etimrep s noitalsnarT sserddA krowteN â TAN sodad so ahnimacne â etats gnidrawroF .6)oÉÃ§ufiD ed .emarf eht fo ezis ot drager htiw seirav osla dna emarf eht kcehc ot sah ti ecnis hgih si emit ycnetal. · ÂÃ¯ · â · · · · ·¸·. ”€ Ã ¢ Lortnoc knil atad / cd .1 slocotorp ryal tsoh-ot-tsoh. gifnoc (retuor yletelpmoc pdc ffo nrut ot tixe) gifnoc (retuor 42 emit dloh pdc #) gifnoc (retuor 09 remit pdc hs # retuoR noitamrofni emit dloh dna sremit PDC secived ruobhgien tuoba noitamrofni locotorp dna erawdrah rehtag nac Â·ÃÃ¯ secived etomer dna dehcatta yllacol htob tuoba noitamrofni tcelloc ot Â·ÃÃ¯ locotorP yrevocsiD ocsiC ÂÃÃ¢ PDC tixe #) fi BUS-GIFNOC (Retuor € € € € bit Ã bit Ã bit Ã bit Ã bit Ã € € ¢ Â¦Â € Ã Â¦Â € € Ã ¢ (Retuor 1 Q1Tod Noitaluspacne #) Fibus-Gifnoc (retuor 0.0.552.552 1.0.61.271 SSERDDA PI #) FIBUS-GIFNOC (Retuor 1.0/0 AF TNI on #) fi-gifnoc (retuor 0/0 af tni #) gifnoc (retuor t gifnoc # retuor elbane> retuor nalv-retni rof retuor gnirugifnoc. 21 .krowten cilbup ni noitacinummoc retupmoc dna ssecca lanimret etomer rof desu era snoitcennoc esehT * .redivorp ecivres NAW eht ot elbatpecca sÂÃÃ¢taht mrof a otni ETD morf atad resu eht trevnoc ot ÂÃÃ¢ tnempiuqE noitacinummoC ataD Â "Ã € Ã ¢ ECD .b smrots tsacdaorb .serdda pi deretsiger-non eht tneserper ot sserdda pi deretsiger dil a desu tan · ehto htiw etacinummoc d PRGIE metsyS etaidemretnI -metsyS etaidemretnI d SI-SI locotorP ecivreS kniL krowteN d PSLN tsriF htaP tsetrohS nepO d FPSO)ocsiC od oir¡Ãteirporp(roiretnI yawetaG ed olocotorP yawetaG PRGI gnituoR ed oÉÃ§Ãamrofni ed olocotorP) PIR PRGIE ,SI-SI) dirbyH) PSLN ,FPSO) etatS kniL kniL PRGI ,PIR , aicn¢Ãtsid ed rotev PG PGI PGB .gE .2 ohniziv pdc hs # .4 ossaP sâNALV rairC .NDSI e 53.V ,42.V ,C 232 AIT/AIE ,ajes uo .11 .IIIV GNITUOR .ol-¡Ãluspacne arap olocotorp mu asu NAW oÉÃxenoc adac ,NAW knil o odnassevarta ¡Ãtse ogef¡Ãrt o odnauQ .6 021 avitartsinimdA aicn¢ÃtsiD .1 eder ed setnenopmoc reeP arap reeP .3)spbK 65 (3T .odacifinad ¡Ãtse oÉÃn ordauq o euq ritnarag arap CRC atucexe e megiro ed o§Ãeredne e onitsed o ªÃl rotpurretnI . seµÃ§Ãacinumoceleт ed oÉÃ§ÃazilamroN ed roteS â seµÃ§Ãacinumoceleт ed lanoicanretnI oÉÃinU(T-UTI oÉÃrdap mu Ã * 52.X PCN â reyaL krowteN olocotorp od esaF .drofnamlleB ed omtiroglA .seµÃ§Ãacinumocelet ed saigoloncet salpma ed siaidnum seµÃrdap evlovnesed euq lanoicanretni oproc mu Ã * ?s > retuoR wohS me sodnamoc so sodot atsiL .odatracsed uo odivloved res ed setna rajaiv edop etocap mu opmet otnauq racidni arap PI ohla§Ãebac on opmaC â LTT .4 rw #retuoR Z lrtC #)enil-gifnoc(retuoR drowssap #)enil-gifnoc(retuoR nigol #)enil-gifnoc(retuoR 4 0 ytv enil #)gifnoc(retuoR t gifnoc #retuoR elbane>retuoR drowssap tenlet rinifed araP .sodad ed ocnab on ma§Ãenamrep CAM sodad ed ocnab od sadartne sa euq apd sodnuges 003 ed opmet ed etimil mu menifed seµÃ§Ãacificepse sA 1.208 EEEI ·ï .PCL asu â esaF tnemhsilbatsE-kniL .on atrop [ ] lautriv lanimret [revreS teneIT o ,aniuq¡Ãm artuo ed sosrucer so rasseca arap ,tenleT eteuilc adamahc atomer etneilc aniuq¡Ãm amu me oir¡Ãusu mu euq etimrep . noitalumE lanimreT â teneIT .c sordauq ed saip³Ãc salpitl9ÃM .odicelebatse-©Ãrp e ocinºÃ NAW oÉÃ§Ãacinumoce ed ohnimac mu ecenroF .) adacided oÉÃxenoc(otnop a otnop ed sadamahc res medop . desael ahnil ed seµÃxenoC eder a moc seµÃ§Ãagil mu mu .oÉÃssimsnart ed setocap oÉÃs soicnºÃna sO .1 PIR)ocsiC od oir¡Ãteirporp(PRGI < > ecnatsid evitartsinimda < > ecafretni tixe ro dda poh txen < > ksam < > krowten noitanitsed < etuor pI dnammoC .evisnepxe yreV Â·ÃÃ¯ gnikcolc esicerp htiw dettimsnart era taht slangis latigid evlovni snoitacinummoc suonorhcnyS Â·ÃÃ¯) SPBM 54 (3T DEEPS â · â · · · · · · · · · · · · · ·-------- fi-gifnoc (A retuoR 0 s tni #) gifnoc (A retuoR PAHC ro PAP gnirugifnoC .e .elbac dehcatta eht no gnidneped ,ECD ro ETD rehtie a derugifnoc eb nac strop laires suonorhcnys ehT .4 sretupmoC erom ro owT .locotorP dradnatS yrtsudnI Na Si Ti · ÃÃ¯ Yaler Emarf .smargorp Sa Selif Etomer Etucexe TÂ Â Noitalupinam yrotcerid ** .YLKCIUQ DNA YLBAILER HTOB CIFFART fo stnuoma egral gnitropsnart rof elbisnopser: reyal eroc .6 ecafretni nal. itacinummoceleT(dradnatS AIT NAL sseleriW .2 petS sutats pty wohs # hctiwS sliated PTV eht wohs oT)nalv (hctiwS tixe #) nalv (hctiwS revres ptv #) nalv (hctiwS thii niamod ptv #) nalv (hctiwS esabatad nalv # hctiwS eIbane > hctiwS PTV erugifnoC .1 RETUOR SCISAB ERAWDRAH OCSIC gnihctiws tenrehtE dna gnituor cimanyd dnamed ,gnituor citatS)reyal potksed(reyal sseccA .2)ALOROTOM (rossecorporciM .1 petS NALV erugifnoc oT) scitsitats (ptv wohs # esu ,sutats niamod ees oT ocsic drowssap ptv # thii niamod ptv # revres ptv #) gifnoc (0091 PTV gnirugifnoC .metsys suomonotua emas eht edisni noitamrofni egnahcxe ot desu -slocotorP yawetaG roiretnI * slocotorp gnituoR .3 stespihC / draobrehtoM .ytpme si esab atad CAM sÂÃÃ¢ti ,dezilaitini tsrif si hctiws a nehW Â·ÃÃ¯ .VIX stpecnoC PTS/PTV .1 SLOCOTORP KROWTEN 96 .2 elbat tsoh gnidliuB .snoitcennoc dehctiws-tekcap dna senil-desael troppus nac selbac laireS secived OCSIC yb detroppus elbac laires fo sepyT krowten ed olocotorp â knil mu ©Ã PTS) PTS (LOCOTORP EERT â GNINNAPS ,ajes uo .1 ossaP 2412 * 0 ©Ã MARVN odºÃetnoc ed ortsiger ed rolav o rarongi araP o 2012 * 0 ©Ã oÉÃrdap oÉÃ§Ãarugifnoc ed ortsiger ed rolav O o sahnes rarepucer araP .xaM .2)EPC(etneilC od sesimerP ed otnemapiuqE ..... ramuk emon 3 nalv #)nalv(hctiwS aviS semon 2 nalv #)nalv(hctiwS sodad ed ocnab nalv # rotpurretnI ratilibah > NALV hctiws o rarugifnoC .on trop . oÉÃ§Ãazilaicini ed a§Ãla ed olocotorp â PTOOB SNIW ,SND ,oÉÃrdap yawetag ,oinÃmod ed emon ,eder-bus ed aracs¡Ãm ,PI * seµÃ§Ãamrofni setniuges sa recenrof edop . stsoh soa PI o§Ãeredne iubirta . ocim¢ÃniD oÉÃirtifnA ed oÉÃ§ÃarugifnoC ed olocotorP â PCHD 35 .5 on atrop a rareporetni soviuqra ed ametsis ed setnerefid sopit siod euq etimrep gnirahs me odazilaicepse . olocotorp O eder ed soviuqra ed ametsiS â SFN .1 NALV .4 ahniL ed elortnoC ed olocotorP â PCL .. I> 2412 * 0 r/o> 0> kaerb ed oÉÃ§Ãairc a s³Âpa 0 sopit 2 ossaP rodaetor od satob sa odnauq arbeuQ + lrtC enoisserP .ECD ro ETD rehtie a derugifnoc eb on edadilibatsnI .2 51 ©Ã poh .1 nworB ocnarB nworB) -XR (ajnaraL ocnarB luzA luzA) + XR(ocnarB ajnaraL) -XT(edreV) + XT(edreV ocnarB mU 865 T .1 rotpurretni mu ed s©Ãvarta ordauq o ritimsnart ed sarienam sauD .4 035 â AIT / AIE .31 .1 GNITUOR .sahnes e oir¡Ãusu ed semon moc adigetorp oÉÃ§Ãacitnetua a asU .5 petS tixE ..... .rodaetor omix³Ãrp mu ed rodaetor mu me sadibecer otnemaetor ed seµÃ§Ãamrofni sad a§Ãnaifnoc ed rolav o eilavA savitartsinimda saicn¢ÃtsiD 1.02.861.291 0.0.0,0 0.0.0,0 pI ator amu sanepa ¡Ãh edno eder bus an odasU o£Ãrdap otnemaetoR pi ator rartsom # otnemaetor ed alebat rartsom araP 1.02.861.291 0.552.552.552 0.01.861.291 pI ator ,olpmexe roP which allows redundant systems to exist on the network, but prevents unwanted bridge loops. D. Each part has the following information (header) Eg FLAG Indicates another fragment follows The flag is not added to the last package because no other fragment follows the ID of FRAGMENT Identify all the fragments that belong together FRAGMENT OF ADDRESS IP FET [32 bit – 4 octets] IPV 4CLDH .1 erawtfo S krowte N secive D krowteN .3) locotor P noitacitnehtu A drowssaP (PAP .knil tniop-ot-tniop elgnis a gnirahs secived krowten sevlovni dohtem gnihctiws-tekca PÃ¯ gnihctiws-tekcaP .4 locotorp ecafretnI eniL laireS Ð PILS .a drawro F ¢â dna -erotS .ei .niamod eht ni sehctiws rehto morf deviecer stnemesitrevda PTV drawro F € · .setyb 35 fo sllec htgnel-dexif ni deyevnoc eb oediv dna ,eciov ,atad swolla tI .2 petS) lanoitpo (PTV erugifno C .sserdda CAM eht sehctam hcihw trop eht ot ylno emarf eht stimsnart neht hctiws ehT .dedracsid si emarf eht ,degamad fI .noisses noitacinummoc eht fo noitarud eht rof reviecer M .elbissop sa tsaf sa ciffart hctiws oT .3 snoitcennoc dehctiws tiucriC .elbahcaernu ht 61 ,51 si poH .rebmun noisiver-noitarugifnoc .2 gnidrawrof dna emarf a gniviecer neewteb yaled eht si emit yczneta L .4 petS tixe #) nalv (hctiwS .ylno ETD sa derugifnoc eb nac strop laires 035 ¢Ã AIT / AIE .noitcennoc tniop-ot-tniop eht gnitanimret dna gniniatniam ,gnirugifnoc ,gnihsilbatse foh A .6 .1 SLAITNESSE KROWTEN .1 .snoitarepo yrotcerid fo sepyt niatrec hsilpmocca nac dna selif dna seirotcerid htob ssecca naC · €ï smetsys owt neewteb refsnart elif rof des € · locotorp sa gnitarepo margorp se PTF · ï locotor P refsnarT eliF .2 elosnoc tnemeganam no evitca woh)s(resU .gninrael sserddA sa nwonk ssecorp a hguorht snoitacol tsoh yfitnedi segdirb dna sehctiwS · 5 52. X .PPP setaderp PILS · € ï PILS .dengissa yllacimanyd si sserddA · €ï .4]96 .1 slocotorp NAW .2 232 ¢â AIT / IAEA .1 SREYAL OCSIC1470 secnatsid lacihpargoeg egral fo ginnnaps setatilica € · € > tnemeganam edifilpmiS · ecnamrofrep krowten dezimitpO · ï ciffart krowten ecudeR · gnittenbuS 0.552.552.552 - C ssalC 0.0.552.552 - B ssalC 0.0.0.552 VPI stib 23 – 4Data Link Control 2. Static Routing Administrator Dynamic Est The Dynamic Adds Manually Routes to the Routing Table of each router. To avoid transmission storms, Various Pictures, and Mac Database Instability, a loop prevention mechanism is used. # SH CDP Neighbor's detail 3. STP is part of IEEE 802.ld standard so that it can work with the bridge claim and the switches of other suppliers. NetBios / Netbeui Network System System of Entry / Netbies Enhanced User Interface developed by IBM refined by Microsoft used by Windows NT for LAN management for file and printers 3. SNMP - Simple Network Management Protocol â Ã € š š â š š â š š â š â € œ Ã € š š š š â â â š šâ € Ã € š € â Ã · Collects and manipulates valuable information in the network · receives base line - a report delimiting the operations characteristics of a healthy network ã Â € · This protocol remains as a relief. The agents send an alert called a trap for Germany € à â · port no. Also used by printer manufacturers to connect remote printers to network printing servers. * Defines how the connections between DTE and DCE are maintained. ICMP - Internet Control Message Protocol, is a management protocol and IP Messaging Service Provider 3. Difference between Bridge and Switch 1. 16) More Door Main (> 100) used to separate LAN TRANSFECT IN THE USED SEGMENTS VTP operates in three modes. High tremodone, bandwidth consumption and full performance. A demarcation (demarc) 3. x Windows * designed for the operator operations in a Gui Gui *. NCP - Network Control Protocol - to allow the communication of vain network layer protocols. Update of the complete route table every 30 5. 110] Door no. IPX / SPX - Intercourse Network Package / Sequenced Package Netwee Core Protocol developed by Novell. An international fan layer standard for serial communication. Dijkshetra algorithm. Maintain a path to destination 3. Client/Server 2. Administrative Administrative .e .iiix nalv-gifnoc-putrats ed nalv-retni sotiecnoc eipoC # oÉÃ§ÃarugifnoC ed retuoR oÉÃ§ÃarugifnoC #)gifnoC(retuoR riaS #)gifnoc(QW rodaetor o raretlA Æ¯Ã >wP< oterces ravitA #)gifnoc(retuoR T gifnoC # retuoR gifnoC-oÉÃ§Ãucexe me gifnoc-putrats o eipoC # rodaetor oig©Ãlivirp ed odom o arap ¡Ãv - ravitA ahnes ed oÉÃ§Ãarepucer)etnof ad gnip * (tan pi oÉÃ§Ãaruped # arof tan pi #) gifnoc(rodaetor 0 s tni #) gifnoc(rodaetor onretni tan pi #)gifnoc(rodaetor 0 e tni #)gifnoc(retuoR 0.552.552.552 eder ed aracs¡ÃM 5.0.0.002 1.0.0.002 lCH loop taN pi #)gifnoc(rodaetor lch loop 1 tsiL ecruoS edisnI taN pi #)gifnoc(rodaetor 552.0.0.0 0.01.861.291timreP 1 osseca ed atsiL #)oÉÃ§Ãarugifnoc(rodaetoR .etnop ed spool rasuac medop setnadnuder sametsis sO .a)PTS(adadnilb megadnilb me odicrot rap ed PTU ed sairogetaC .2 odicrot rap ed obaC .odaredisnoc ¡Ãres CAM o§Ãeredne o ,etnop a adot arap omsem o rof etnop ad DI o eS .siaires sknil me amargatad o raluspacne arap odot©Ãm mU .on troP ·Â ¯Ã PI o§Ãeredne oa ovitanretla tsoh od emon o evloser ,»Ã oinÃmod ed emon ed o§ÃivreS - SND 261/161 .ziar etnop Ã adatcenoc atrop ziar atroP ?>SOi od socis¡Ãb sodnamoc ed rodaetor o odiresni odnamoc roiretna artsom â¬â ¢Ã n lrtC odatigid odnamoc omitlºÃ o artsom - P lrtC odnamoc mu ed oÉÃ§Ãatigid a odnanimreT - EDOM CEXE aiug Ã anroter e oÉÃ§Ãarugifnoc ed odom o animret - Z lrtC arvalap amu ESAE hW lrtC ahnil amu syalsideRâ ¬â r lrtc ahnil amu eugapa - u lrtc eretcarac ocinºÃ mu iulcxe - ecapskcab uo d lrtc eretcarac mu rop etnerf a arap rosruc o avom - f lrtC eretcarac mu rop atlov ed rosruc o avom - b lrtc arvalap amu rop etnerf a arap rosruc o avoM - f f ¢Ãcse arvalap amu atlov ed rosruc o avoM - B csE ahnil ad lanif o arap rosruc o avoM - e lrtC ahnil ad oicÃni o arap rosruc o avoM - A lrtC ed satnemarreF odnatidE stolS S / E PIoV ,LSD ,MTA ,sordauq ed ©ÃleR ,NDSI :sortuO ... .09 ©Ã oicnºÃnA .III scisaB PI/PCT .3]12 .021 ©Ã Statistically programmed commutation devices provide fanic connections. TCP/IP Address and Sub -Rede IV. User Interface Menu [m] Menus [k] command line [I] IP ENTER CONFIGURATION SELECTION: K switch> Activate switch # config t switch (config) # activate password 1 1 Cisco (password configuration for usual mode) switch (config) # activate password 15 cisco (configuring the password for activation mode) switch (config) # activate secret cisco (configuring the secret password for the Activate mode) Switch (config) # hostname 1900switch (setting the host name) # IP address 192.168.10.1 255.255.255.0 # IP standard £ o-gateway 192.168.10.2 to show the exchange of VLAN # Show information. VLAN BRIEF TO SHOW VLAN 2 SWITCH # SHOW VLAN ID 2 TO View Spanning Spanish Information for a VLAN # Spanning-Tree VLAN 2 SHOWING ADDRESSING IP to a reason switch £ o - * To use telnet to connect to the router to the inter -vlan IP address * should be given to the pattern vlan, ie VLAN 1 switch> activation # co Nfig t switch (config) # int vlan 1 switch (confirm ¢ â € œSe) # IP address 172.16.10.3 255.255.255.0 switch (trust G Ã ¢ â € Se) # None Switching Switch (configure) # Saäda Switch (config) # ip-gateway 172.16.10.1 Switch (config) # integrated isdn-service digital network ISDN types 1. Switch Basics XI. The presentation layer of the data representation Â · ensures that the data is readable when receiving the â € · Data format · Â · data structure Data Transfer Syntax for the application session layer, decompression, decompression, encryption and decreation in the session layer the interhospital communication Ã · Establishes, manages and closes the sessions between the applications Transport Layer ã â € š š â · End -to -end connection reliability Â € · concerned with data transportation ·Â â·Â ·Â ·Âå ·Â ·Â ·Â ·Â ·Â .anorcnÃssa laires oÉÃ§Ãacinumoc oÉÃs socis¡Ãb socin´Ãfelet so§Ãivres sO ·Â ,)sodargetnI so§ÃivreS ed latigiD edeR - NDSI(uo socis¡Ãb socin´Ãfelet so§Ãivres recenrof arap ametsis o asu sacin´Ãfelet saserpme ed eder A .sonorcnÃssa sotiucric e onorcnÃs erbos krowten-ot-tsoh e rodaetor a rodaetor ed seµÃxenoc ecenrof ppp ·Â â¯Ã ·Â ·Â ¯Ã ·Â ·Â ¯Ã ppp ppp otnop a otnop siaires seµÃxenoc arap oÉÃrdap olocotorp mu ©Ã e PI/PCT ed oÉÃ§Ãairav amu asu ·Âå .XAM MEGA DI ed megasneM DI DI atrop ad DI ed otsuC ziaR ohnimac od DI B ziar serodazilaniS oÉÃsrev ed opiT 01 oÉÃ§Ãamrofni ed olocotorP sedadinU ataD olocotorP egdirB -UDPB .NALV ad oÉÃ§Ãarugifnoc ed seµÃ§Ãamrofni riubirtsid arap odasu ©Ã euq snegasnem ed olocotorP .seµÃ§Ãacinumocelet ed rodatropsnart ed eder amu erbos onitsed arap megiro ed setocap ratropsnart arap odasu ©Ã otnop a otnop knil O .3 laixaoc obaC .' ¬â ¢Ã rop adacificepse ator A .b .amu .IV scisaB SOi retuoR ocsiC .so- matnomer e seronem setocap me setocap marbeuq onitsed ed so§Ãeredne sues me esab moc sodaetor oÉÃs setocap so edno animreteD orre ed sorre ed ahlocse a madroba euq seder sair¡Ãv me sadaivne oÉÃs seµÃ§Ãamrofni ed setocap omoc matid euq sargeR ·Âå âå ·Â ã¯Ã pi ·Âå ·Â ·Â â·Â ·Â ¯Ã pct solocotorp ed otnujnoc mu pi /pct sodad ed saxat ,seµÃsnet ,serotcenoc ,soif ed s©ÃvartA ·Âå ¯Ã air¡Ãnib oÉÃssimsnart ·Â â¯Ã oxulf ed elortnoc ed ocisÃf elortnoc e sorre ed oÉÃ§Ãacifiton ,eder ed aigolopot ,ocisÃf o§Ãeredne ·Âå âaidÃm ad s©Ãvarta sodad ed lev¡Ãifnoc aicnªÃrefsnart ecenroF ·Âå âaidÃm Ã ossecA ·Â ¯Ã otnemaetor ed sodad ed knil ed adamac ad oinÃmoD ·Âå ¯Ã sianif sametsis sioD ertne ohnimac ed oÉÃ§Ãeles e edadivitcenoc ecenrof âå ¯Ã ohnimac rohlem o adroba âå ¯Ã eder ed adamaC oÉÃ§Ãamrofni ed oxulf ed elortnoC ·Â ·Â ¯Ã sahlaf ed oÉÃ§Ãarepucer e oÉÃ§Ãceted ed siautriv sotiucric so arrecne e m©Ãtnam ,ecelebatse sodad ed etropsnart od edadilibaifnoc a ,stsoh so ertnE caM caM + ytiroirP egdirB dI egdirB 2 2 2 2 2 8 4 8 1 1 1 setyb 2 osarta ed otnemirpmoc o§Ãnava emit olleh ¡Ãlo edadi .aicn³Ãgrevnoc an osartA .gnipool ed setocap so animile euq)LTT(ahnil a opmet ed omsinacem o masu 3-adamac ed solocotorp snuglA ·Â ·Â ·Â ·Â ¯Ã ·Â â¯Ã ·Â ·Â ¯Ã ·Âå ·Â ·Â â·Â ·Â ·Âå 16 16 bytes + 48 bytes Root Path Cost Cost of the path from the Root Bridge, identified by the bandwidth. # ip access-list 101 permit tcp 12.0.0.0 0.0.0.0 10.0.0.1 0.0.0.0 eq 21 # ip access-list 101 permit tcp 12.0.0.3 0.0.0.0 eq 23 # ip access-list 101 deny tcp host 12.0.0.5 # ip access-list 101 permit ip any any Standard access list # ip access-list standard siva Std- nacl # deny 12.0.0.0 # permit any # exit # int e 0 # ip access-group siva out WAN TECHNOLOGIES Types of WAN connections 1. This listening time is known as Forward Delay Timer (default is 15 sec) 2. Forwarding does not take place until the entire frame has been received by switch. Configuring ports Switch > enable Switch # config t Switch (config) # int fast Ethernet 0/2 Switch (config-if) # switch port mode access Switch (config-if) # switch port access vlan 2 Switch (config-if) # int fast Ethernet 0/3 Switch (config-if) # switch port mode access Switch (config-if) # switch port access vlan 3 ¢ÃÂ¦Â¢ÃÂ¦Â¢ÃÂ¦Â

seigolonhceT NAW .5 .1)B 865T â A865T (REVO SSORC) A 865T â A865T (HGUORHT THGIARTS seµÃxenoC SPbM 551 944- SR ,232 -SR ,11 JR ,54 JR rotcenoC PTS 54 JR rotcenoC) stm 022(dnabesaB 15 sec) â € “If no message is received on the lock lock CNB srotcenno C]mm 31[stm 005]mm 6[stm 002 ten kcihT ten nihT 5 esaB 01 2 esaB 01 NOITACIFICEPS ELBAC] TEN KCIHT [TEN NIHT .sub gnihctiws ytícapac-hgih a dna stiucriC detargetnI cificeps-noitacilppA .revres PTF ot no gol yltnerapsnart ot tenle T sesu PTF · €2) CIN (draC ecafretnI krowteN .IIX noitarugifno C dna stpecno C NALV .locotorp suonorhcnys detneiro-tib a si dna secived ocsiC owt neewteb noitacinummoc rof desu ylacipyt sâtI · € SND gnisu .senobkcab aidem-dexim stroppuS .1 PRGIE .1 sedulcni tnemesitrevdA .1 tnemhsilbats And noisses PPP .9 .01 .II ecivreS fo sepyT ledo M ecnerefe ISO IDDF — gniR neko ♪ I'm not going to be ♪ The etihW eulB eulB etihW egnar The neerG etihW neerG 865 T .gnitoob si hctiws eht revenehw NALV setaercer dna MARVN otni noitarugifnoc NALV sevas tI · €. XPI dna PI htiw krow naC ..5 fear stroppuS noitarugifnoc etomer roF] 0 xuA [trop yralixuA metsys eht fo trop moC ot stcennoC]232 SR [trop laires suonorhcnys A] 0 noc [elossian] C secafretnI .poh si cirtem ehT .DI egdirB ssel htiw egdirb a eb lliw egdirb tooR 876,23 si segdirb eht fo ytiroirp tluafeD) UDPB (STINU ATAD LOCOTORP EGDIRB sa nwonk siH .7 .esabatad CAM eht ni seirtne eht ot derapmoc si sserdda CAM noitanitsed eht sehcaer L .etats gninrael eht ot sevom strop eht sces 51 llit ele ,erawtfos me odaesab PTS hctiws ed erawdrah me odaesab asu erawtfos me adaesab esab A .lanimret ed oÃ§Ãalume e soviuqra ed aicnªÃrefsnart ,liame omoc sovitacilpa ed sossecorp arap eder ed soÇÃivres ecenrof ââ sovitacilpa ed adamaC]stib[adamaC ocisÃf ,]ordauq[sodad ed knil ed adamac ,]setocap[eder ed adamac]otnemges[etropsnart ed adamac ,oÇÃsses ed adamac ,oÇÃ§Ãatneserpa ed adamaC oledoM aicnªÃrefeR ISO sovitisopsid +001 a 5 ·Â ·Â gnir nekot e tenrehtE me adazilitU ·Â alertse me aigolopoT .on omon´Ãtua ametsis o asu]amix¡Ãm oÇÃssimsnart ed edadinu(UTM e agrac ,edadilibaifnoc m©Ãbmat ,)osarta e adnab ed arugral(atsopmoc acirt©Ãm 001 ©Ã oÃrdap o ,552 SI .4 tenretnI an odasu PI / PCT solocotorp ed otnujnoC .i ecafretni naw iddf ,gnir nekot ,tenrehtE tibagiG ,tsaF tenrehtE - sortuO 0 e tenrehtE]oxena ed oir¡Ãusu od ecafretni[IUA .ogef¡Ãrt ,otsuc ,opmet ed osarta ,adnab ed arugral ed omusnoc ed adnab ed arugral mes ,ogef¡Ãrt sonem sadartne sanepa mararetla tsacitlum setocap ,sotunim 03 adac a sohnimac soir¡Âv m©Ãtnam ahniziv alebat A .oieuqolb ed odatse o erbos megasnem reuqlauq evuo atrop a - rivuO .PTV rodivres omsem o odnahlitrapmoc olpitlºÃm uo rodatumoc mu res edop PTV otnemaicnereg ed oinÃmod mU .f .2 seµÃ§Ãarugifnoc sa ravlas araP " ¬â ¢Ã rw # retetor z lrtc #)oÇÃ§Ãarugifnoc ed ahnil(ahnes ed retuor #)oÇÃ§Ãarugifnoc ed ahnil(rodaetor nigol #)oÇÃ§Ãarugifnoc ed ahnil(rodaetor 0 ahnil ed elosnoc #)gifnoc(rodaetor t oÇÃ§Ãarugifnoc # rodaetor ravitA >elosnoc od ahnes ed rodaetor o rinifed araP .IIV tnemeganaM SOI retuoR ocsiC .ralulec otnemazever arap lanoicanretni oÇÃrdap mU AMITLUM ODOM acitpªÃ arbif stm 0002 ,otruc adno ed otnemirpmoC] mk 001[ocinºÃ odom uo]mk 3[odomitlum ,otnemirpmoc ed ahnes ed otnemirpmoc F esaB 01 XS esaB 0001 XL esaB 0001 anif tenrehtE arbif ed arbif ed oÇÃ§ÃacificepsE]assepse eder[oÇÃrdap tenrehtE CNB paT eriP mav T rotcenoc od olelarap rotcenoc ed rodanimreT iulcnI]namlecnoC-llieN with Asic. Lists all commands that start with ¢ âferences > show terminal shows terminal configuration and history buffer size Router > show version shows the version Router > show flash shows details of ¢ÃÂflash¢ÃÂÂ Router > enable to enter privilege exec mode Router # show history show last ten commands Router # terminal history size 20 to set history size to 20 Router # show running-configuration to display contents of Dynamic RAM SETTING PASSWORDS 1. Routed protocols That carries the packets, e.g. IP, IPX, and AppleTalk. Using DNS Router (config)# ip domain-lookup # ip name-server 192.168.10.1 # ip domain-name iiht.com # exit SWITCHING ¯ÃÂ·Â Ethernet switches operate at layer 2 of the OSI model and function in a similar way to bridges. NAT overload uses PAT. Fixed-length cells reduce transportation delays by allowing processing to occur in hardware. ¯ÃÂ·Â Advertise its VLAN configuration ¯ÃÂ·Â Synchronize its VLAN configuration with information received from other devices in the domain. *** VTP PRUNING- technique that uses VLAN advertisements to determine when a trunk connection is flooding messages unnecessarily. routing table B. ie problems caused due to bridge loops. Want to go to setup mode [Y/N]: N NAT ¢ÃÂÂ NETWORK ADDRESS TRANSLATION NAT allows a host that does not have a valid registered IP address communicate with other hosts through the internet NAT uses a valid registered IP address to represent the non-registered IP address PRIVATE ADDRESS o Non-registered IP address used inside a network RANGE IP ADDRESS CLASS A ¢ÃÂÂ 10.X.X.X (10.0.0.0 to 10.255.255.255) CLASS B - 172.16.X.X (172.16.0.0 to 172.31.255.255) CLASS C - 192.168.X.X (192.168.0.0 to 192.168.255.255) NAT - Static Dynamic Overloading Static NAT 1 private address: 1 public address Eg: private public 10.1.1.1 200.1.1.1 10.1.1.2 200.1.1.2 10.1.1.3 Router (config) # IP nat inside source static 192.168.10.1. 200.1.1.1 Router (config) # int e 0 Router (config # ip nat inside Router (config) # int s 0 Router # ip Nat External Router# Show IP Nat Translation Static Nat Nat Server Dynamic Internet Nat â € š € â · configures a pool of possible global address and defines criticism for the set of Local IP Addresses whose treal must be translated with nat â € š · Address is dynamically attributed dynamic dynamic dynamic NAT Dynamic Nat Router (CONFIG)# Access List / Permissions 192.168.10.0 0.0.0.255 Router (config)# IP Nat Inside Source List / Pool HCl Router (Config)# IP Nat Pool HCl 200.0. 0.1 200.0.0.5 NETWORK MASTER 255.255.255.0 ROUND (CONFIG) #INT AND 0 ROUND (CONFIG) #IP NAT INTERNAL ROUND (CONFIG) #INT S PING OF SOURCE] ROUTER (CONFIG) #SHOW IP NAT PAT ROUTER (CONFIG) #IP NAT ORIGIN LIST / POOL HCl Overload (CONFIG) #IP NAT POLO HCl 200.1.0.1 200.0.0.2 NETMASK MOTHER 255.255.0 (CONFIG (CONFIG) #Int and 0 router (config) Config) #ip Nat Inside Router (Config) #int S 0 Router (config) #ip Nat Outside Router (Config) #debug IP Nat [*Source Telnet] RO UTER (CONFIG) #Show IP Nat Translation Overloading NAT with Pat Pat - the translation of the door address to support many internal local IP addresses with only a few in the publicly registered IP address, NAT Overload uses Pat. · Â Â Â · â Â Â · â Â € œ â šâ € š š š š š â · · · · clowock External of the Channel Service/ Data Service Unit (CSU/ DSU) or other device is required when the port is configured as DTE. specified by '' '. A bridge with less address mac will be the remaining bridge. It is not possible to offer a bandwidth dedicated to each segment can offer bandwidth dedicated to final uses. Transparent server mode · a key that acts in this mode can create, delete and modify the VLAN to the entire VTP domain. The STP works by following certain redundant data paths in a state of waiting or blocked. VTP Trunk Protocol VLAN 1. 3. Authentication phase a. Defining name of ((A retuoR A retuoR emaNtsoh #)gifnoc(rodaetor ed rodaetor ues oa es- odnatcenoc otomer rodaetor arap ahnes)# Setting Router Cisco Router A (config)## Step 2. â € “Smt Smtp Â €” Simple mail transfer protocol used to send mail or email pop 3 used to receive mail [door no. 2. Unlimited. In the learning state, the switch identifies where it is located in topology and maintains a database for referral. VERT APLICAN USED BY COMPUTERS Macintosh 5. T 568 B White orange green orange Blue White Blue Brown White Coaxial Frame [RG /68] 1. Estária - Administrator creates VLAN. EIA / TIA Â € “449 3. Enable the Step 3. For example, RIP, IGRP, OSPF, etc. Member Dynamic Ram (Voltaic) â € “Current Configuration File [Running â €” Config] NVRAM [non volatile] - iOS resides rom [BIOS] post s bsl â € “Boots of: flash / tftp / mini iOS S mini iOS 4. LEASED LINE CONNECTIONS 2. 23] 2. Extra commands to check the configuration # show protocols. Displays all routing protocols and the interfaces in which it is enabled # Show IP protocols. Show only IP protocols # debug IP RIP # debug IP IGRP Events. updates of fate of origin and no. Serial 0 II. Help Router> Show? Rarp â € “Resolution Protocol Reverse Address Requests S requests for IP Address with the help of MAC Address in Mother without Disc IP Header IP ADDRESS DOTE IP Protocol Checksum Time to Live [TTL] 131.107.7.29 131.107.3.44 TCP or UDP 4 DF 5 60 TTL Â € “Value that determines how long the package lives on the wire before being discarded IP in T -checktainments Layer of Transmissive 3. Delay in the convergence.]] PD LPD Â € “LINE PRINTER DAEMON Designed for LPD printer sharing along with LPR [LINK PRINTER PROGRAM] allows print work to be carried and sent to network printers using TCP/IP Port V.35 DTE - The data terminal equipment is your CPE. `â € œ â · Â · â Â · Â · TFTP-TRIVILIATE TRIAL FILE Transfer Protocol 4. The vlans are not propagated on the network that 2 name of domain VTP is specified or discovered. Topology Table C. ** VTP dwarfs are automatically sent every five minutes or whenever a change occurs in a VLAN configuration. WAN encapsulation protocols operate in layer 2 of the OSI model. Route by 'Rip v1 1. Cut a. IGRP Mother. It is not transmitted to other switches in the domain. CUSTOMER MODE, CREATE VTP MOMSONS SYNCronize your VLAN MESSAGES VLAN CONFIGURE. The choice of encapsulation protocol depends on WAN technology and communication equipment. Chap (Handshake Authentication Protocol of Challenge) b. Serial 1 III. # SH CDP TRANSFEGO STP ã Â · Definition - Allows the redundancy of the link and prevents the two loops of portion states · þpdo ã â € šrootelei Ça € â ã š š · Cost ã â € šraiz and designated doors, â € š š š â · · · converge the states of the door to the switch by blocking the blockade Qualified ã? ‘STP Deactivated 1. Administrative Distance Administrative Standard Standard Route Eigrp IGRP OSPF RIP EIGRP Unknown 0 1 90 100 110 120 255 (This route will never be the Dinatan Routing Protocols) Are used to find networks and update routing tables in the routing protocols used to determine the path. LAN 2. Ponte and switched networks are usually designed with redundant devices and links to avoid a fault point on a network. To define the privilege password router> Activate router # config t router (config) # activate secret router (config) # ctrl z router # wr 3. ppp-Protocol point to point 3. Latan time is constant © constant it's smaller. Ã â € š · Ethernet switches and bridge the front and filter traffic traffic 0.0 0.0 0.03.61.271 yneD 01 tsiL #)gifnoC( )tsoh ocinºÃ mu ragen arap(2.03.61.271 tsoh o rageN 01 osseca ed atsiL #)gifnoc(rodaetor]reuqlauq tsoh[ ]timrep /ragen[>oremºÃn< ossecA #)gifnoc(megiro ed PI oßÃeredne ed rodaetor on esab moc sadamot oÇÃs seµÃsiced sa sadoT-osseca ed atsil ad oÇÃrdap odaemoN]9962-0002[ ]991-001[odidnetse]9991 -0031[ ]99-1[oÃrdaP ·Âå ·Â ·Â ·Â ·Â ¯Ã ¯Ã ¯Ã ¯Ã ¯Ã ¯Ã ¯Ã ¯Ã ¯Ã ¯Ã ¯Ãâ ¯Ã stsiL lortnoC ssecA 0 aerA esabataD FPSO PI rartsoM # PI solocotorp rartsoM # ohniziv FPSO pi ertsom # fpso ecafretni wohs # oÇÃ§ÃarugifnoC 552.552.552.0 0.0.0.01 eder # 02 fpso rodaetor #)gifnoc(oÇÃ§Ãarugifnoc ed rodaetor)oriemirp otruc siam ohnimac(FPS odamahc aigolopot ed omtirogla e sodad ed ocnab on sadateloc seµÃ§Ãamrofni san esab moc aer¡Ãmsem an eder adac arap ohnimac otruc siam/rohlem o aluclac FPSO]FPSO[ohnimac otruc siam o arbA 2.01.861.291 ator oiertsar # rodaetor odnamoc ed ator raertsar aigolopot prgie pi martsom # sohniziv PRGIEP i wohs # prgie pi ator ertsom # orgie oÇÃ§Ãacifirev 0 avissap ecafretni #)retuor-gifnoc(rodaetor 02 prgie rodaetor #)gifnoc(rodaetor setocap olleh rebecer uo raivne ed ecafretni a ribiorp arap 0.0.0.01 edeR #)retuor-gifnoc(retuoR 0.01.861.291 edeR #)rodaetor -gifnoC(retuoR 02 prgiE retuoR #)gifnoC(retuoR T gifnoC # retuoR prgiE edadilibaifnoc ed oÇÃ§Ãarugifnoc e agrac ,osarta ,adnab ed arugral -omuser ed acirt©Ãm e MSLV atropus rodaetor ocinºÃ mu me somon´Ãtua sametsis solpitlºÃm atropus klaTelppA o ,XPI ,PI atropus)lauD(ovisufid aiv ohnimac rohlem o anoiceleS)locotorP tropsnarT PTR(PTR aiv serodaetor sortuo moc acinumoc es aicn¢Ãtsid a rotev ed olocotorp ,sselssalC ·Âã ·Â ·Â ¯Ã ·Â ·Â ·Â ·Â ·Â â·Âã ·Â ·Â ·Â ·Â prgie 0.02.861.291 eder # 0.01.861.291 edeR # 01 PRGI rodaetor # PRGI ed oÃ§Ãarugifnoc ed seµÃ§Ãazilauta aivne oÃn sam ,PIR ed seµÃ§Ãazilauta rebecer etimreP 0 S sovissap secafretnI #)retuoR-gifnoC(RETUOR PIR .X osseca ed atsiL .1 eder ed sopiT slaitnessE edeR TAN .CAM oßÃeredne on 01 01 osseca ed atsiL #)gifnoc(retuoR any Router (config) # int and 0 Router (config-if) # ip access-group 10 in Router (config-if) # int s 0 Router (config-if) # ip access-group 10 out # Show ip interface # Show access-list [access-list no/ access-list name] # Show ip access-list # as well as the access-list It is known as advance database 3. Four common types BUS Topology TREE Topology STAR STAR Topology STAR RING Topology Topologies are logical Architecture Real devices do not need to be physically organized in these BUS settings and TREE Topology TREE branch with multiple nodes. It does not participate in domain. . It can handle multiple virtual circuits, and is simplified to cut some of the long processes that X.25 employs. PAT Router (confg) # ip nat inside source list 1 pool hcl overload # ip nat pool hcl 200.0.0.1 200.0.0.2 netmask 255.255.255.0 # int and 0 # ip nat inside # int s 0 # ip nat outside # debug ip nat (* telnet from source) # show ip nat translations Dynamic NAT . Sets up a set of possible global addresses and sets criteria for the set of internal local IP addresses whose traffic should be translated with NAT. of routers # debug ip igrp transactions s show transactions # undebug all s to shut down debugging Or # un all RIP Router Configuration (config) # router rip Router (config-router) # network 192.168.10.0 (and 0) Router (config-router) # network 192.168.20.0 (s 0 config 25. 6. The entire routing table announced. CISCO Router V hardware bases. Multiple path to destination. Eight. Each port on a bridge or switch is included in STP support. SONET (Sincronous Optical Network)SWITCH OF THE 1900 SWITCH 1. A central switch (CO) 5. token Ethernet Ring Fddi [Fiber Distribution Data Interface] Ethernet Ã§] 100 Mbps Gigabit Ethernet [IEEE 802.5] 100 Mbps or 1 Gbps CSMA / CD [access detection Mother / collision of the carrier sense] Data is responsible for the Ethernet approach, commonly referred to as hardware approach or MAC addressing Ethernet also responsible for framing packages received from the network layer and preparing them for transmission on the local network Through the full access of access to the Ethernet Mother Mother © Every Ethernet IEEE 802.3 Pron © -SFD of the length/type Data/Pad FCS A Prão 0 - Indicating the receptor stations that the picture is coming to SFD - Delimiter / Synchronization of UNTORY PICTURES - 1 byte 1,0,1,0,1,0,10,1 1,1 ,, 1,1,1,1,1,1 all alternatives S AS 1, 0 ã Â · PRE USA SFD OR SYNCH DA - DESTINATION ADDRESS - 6 BYTE OF 6 BYTE S LSB © 0 - Individual Address 1 - GROUP ADDRESS IN RING TOKEN RING [IEEE 802.5] ã Â · No collishas ã. · Ideal for applications [fan automation] ã · 4 or 16 Mbps logically a ring, but physically a star configuration For bad relay ã â Â · Token Lans Ring continually pass a token or a token ring structure ã Â · Mau [Mult Setting Unit] Fddi ã â € · · Â · · · · · · · · · · · · · · Ã € â · ã â € š € š [fiber distributed data interface] 100 mbps paraken passing the network of fiber network with dual ring architecture mass of 2 km for redundancy used For corporate backbones and CDDI [copper distributed data interface] â € · Â · Implemes fddi on the Dual STP and UTP Â € Â € · Print to transmission data ¯âference · Secondary Ring for Reliability and Robustness Components ã? · Sing Le Attachment Station (SAS) is pc attachment stations (DAS) for servers Ã¯ÂÂ· Concentrator FDDI concentrator Ã¯ÂÂ· also called as Dual- concentrador anexado (DAC) Ã¯ âÂ· EdifÃcio EdifÃcio From a FDDI ã â € š š š € š š š š š š © © is and ensures that any fault or disabling of the sasa does not reduce the ring network topologies defines the organization of network devices. To activate the trunk switch # config t switch (config) # int fa 0/24 switch (config) # Switch port mode folder Step 3. Mother Systems Auto´Noms on the same router. Private Address · IP Address Nona Registered Used Used within a Class C Network Line - 10.x.x.x (10.0.0 to 10.255.255) Class B - 172.16.x.x (172.16.0 to 172.31.25555) Class C - 192.168.x.x (192.168.0.0 to 192.168.255.255) Nat ã? · Static ã§ · Dynamic ã§ · Overloading Static Nat 1 Private Address: 1 public address e.g. PRIVATE 10.1.1 10.1.1.2 PUBLIC 200.1.1.1 200.1.1.2 Static Router Nat (Config) # Internal Nat Static Source 192.168.10.1 Router (CONFIG) # int and 0 Router (CONFIG) # IP NAT INTERNAL (Config) # int s 0 router (config) # ip Nat outside the router # Show IP Nat translation 200.1.1.1 Overloading NAT with Pat Pat Pat - š â € š € š to support many local IP addresses with only a few within the global, publicly publicly registered IP address. E3 (45 Mbps) 2. Network hardware 2. ã Amt used high -speed transmission means such as 1. 1.

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