



143517322.4 18298218.347826 58377734380 273023154.42857 24452853.637931 2752424.8433735 4266716.9090909 20129969.571429 31232120120 31534129.279412 59878649218 44346825180 2798745.0422535 82723851023 97241555200 15765655755 12839009.242424 102629932402 31285871.333333 2206331.2115385 10989312200 11335771.892857

Ccna semester 1 pdf download english book 1

	B.Ed 2 <sup>m</sup> Year (Two Year)
	Examination – June, 2017
	KNOWLEDGE AND CURRICULUM (Paper-1)
	Max.Marks:80
	mpt Five Questions in all. Q.NO .1 is Compulsory .Attempt other four questions selecting One
Question fr	om each Unit. All Questions carry Equal Marks.
1.	Write short note on the following : निम्नसिश्चित पर संविध्न टिपण्णी लिखिए : 4 X 4 = 16
(a)	Concept of Knowledge
	जान का संप्रत्यय।
(b)	Main features of naturalism.
	प्रकृतिवाद की मुख्य विशेषताएं। learningclassesonline.blogspot.in
(C)	Bases of curriculum. पाठयज्ञय के आधार।
640	Factor affecting curriculum change.
(0)	पाठयक्रम परिवर्तन को प्रभावित करने वाने कारक।
	Unit-I at M
2	What is knowledge and knowing: Describe the sources of knowledge and methods of acquiring
	knowledge.
	जान व जानी क्या है ? जान के सोत और जान प्राप्त करने के तरीके की व्याख्या कीजिये।
3.	Describe the contribution o teachers in assimilation and dissemination of information and
	knowledge.
	सूचना और जान के एकीकरण और प्रसार में शिक्षकों के योगदान का वर्णन कीजिये।
	Unit-II
4,	Discuss the main features of Idealism: Explain the educational implications of Idealism.
	आदर्शवाद की सुख्या विशेषताओं की व्यखया कीजिये। आदर्शवाद के शैक्षिक निहितायों की विवेचना कीजिये।
5.	Explain concrete and absolute facts of knowledge and relationship. जान और सम्बन्ध के मूर्त और अमूर्त रूप की व्याख्या कीजिये।
	जान,आर सम्बन्ध क मूल आर अमूल रूप का व्याख्या कार्राय।
	Unit-III
6.	Describe the curriculum process and critical approach to curriculum theory in detail.
	पाठ्यक्रम प्रक्रिया को परिभाषित कीजिये और पाठ्यक्रम सिद्धांत के आलोचनात्मक उपागम का वर्णन कीजिये।
7.	Write notes on the following: जिम्म पर दिपणणी जिसिए :
	(i) Curriculum as product
	पाठयबम उत्पाद के रूप में
	(ii) Curriculum as process
	पाठसक्रम प्रक्रिया के रूप में
	Unit-IV
8.	Explain the components required in curriculum development.
	पाठ्यक्रम विकास के लिए जरुरी तत्वों की व्याख्या कीजिए।
9.	Write notes on the following :
	(i) Discipline Centred Design
	अनुशासन केंद्रित डिज़ाइन
	<li>Problem Centred Design समस्या केदित डिजाइन</li>
	dial an aniMit in Anibas

526 Understanding Pure Mathematics: Chapter 21

 $\therefore \int_{a}^{b} f(x) dx \approx \frac{1}{2} h \bigg[ y_0 + 4y_1 + 2y_2 + 4y_3 + 2y_4 + \dots + 2y_{n-2} + 4y_{n-1} + y_n \bigg]$  and this is known as the approximation from Simpson's rule.

Note that in order to apply this rule, the interval is divided into an *even* number of strips, i.e. there are an *add* number of ordinates. Numerical methods of integration can be particularly useful when the function to be integrated is one that does not integrate readily, or one for which we know the coordinates of various points on the graph of the function, but we do not know the equation of the function (as in Example 2 below).

**Example 2** Given that y = f(x) and that for the given values of x, the corresponding values of y are as shown in the table, use Simpson's rule with nine ordinates to find an approximate value for  $\int_{-1}^{2} f(x) dx$ .

 x
 -1
 0
 1
 2
 3
 4
 5
 6
 7

 y
 17
 10
 5
 2
 1
 2
 5
 10
 17

Applying Simpson's rule, with h = 1, and  $y_0 = 17$ ,  $y_1 = 10$ , etc.  $\int_{-1}^{7} f(x) dx \approx \frac{1}{3} \left[ 17 + 4(10) + 2(5) + 4(2) + 2(1) + 4(2) + 2(5) + 4(10) + 17 \right] \\ \approx \frac{1}{3} = 50.7 \text{ to one decimal place.}$ 

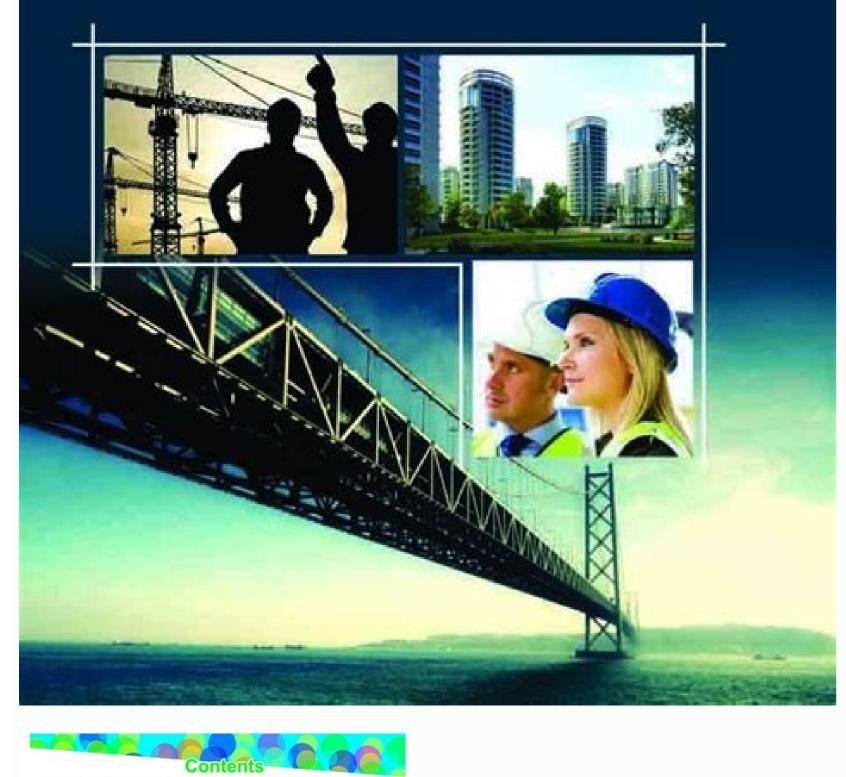
Exercise 21A Lettered 27A In this exercise give your answers correct to 4 significant figures unless told otherwise. 1. Given that y = f(x) and for the given values of x the corresponding values of y are as shown in the table below, use the traperium rule to find an approximate value for  $\int_{x_1}^{x_2} f(x) dx$ .  $x = \frac{x}{y} + \frac{1}{2} + \frac{2}{3} + \frac{3}{4} + \frac{5}{2}$ 2. Find an approximate value for  $\int_{a}^{b} e^{y} dx$  using the trapezium rule with 5 strips. 3. Find approximate values for  $\int_{1}^{2} \frac{1}{x} dx$  using the trapezium rule with (a) 5 strips (b) 10 strips.

Urheberrechtlich geschütztes Material

R. Gupta's® P. Hand Book of



## CIVIL ENGINEERING



	Contents	
ноу	N TO WRITE PICTURE COMPOSITIONS	
I.	SYNTAX	
1.	I am	1
2.		1
3.	This and That	1
4.	This, That, These and Those	1
5.		2
6.		2
7.		2
8.	Beside, In front of, Behind	2
9.	My, Your, His, Her	2
10,	It is	3
п.	CLOZE AND COMPOSITIONS	
1.	My Grandfather	3
2.		3
3.	My Father	3 3 3
4.	My Sister	3
5.		4
6.	My Friend, Scotty	4
7.	At the Park	4
8.	A Picnic	4
9.	At the Zoo	4 4 4 4 4 5
10.	A Day at the Beach	5
11.	My Puppy	5

11.	My Puppy
12.	My Parrot
13.	My Favourite Fruit
14.	My Favourite Toy
III.	COMPOSITIONS
1.	At Home
2.	Going Fishing
3.	A Day at School
4.	Going to School
5.	My School Library
6.	My Room
7.	Children's Day
8.	Teachers' Day
	12. 13. 14. 1. 2. 3. 4. 5. 6. 7.



## LHG English Question Paper

Based on ad heards (CBSE, ICSE, ISE, SSC Cambridge, IB vit)

1. Circle 'D' and 'd' 2.00 1. Door 3. bud. 4.6000 2. Write the missing letters from A to G A\_\_\_\_F\_\_\_ 3. Match the capital letters to their small letters B p. D ŋ 6 0 37 p C. C ø

noitanitsed eht dna ecruos eht htob ni dellatsni ylreporp si PI/PCT eht taht serusne sih T NAL lacol eht edistuo ecived a ot ytivitcennoc kcehC .13 :segatnavdasid fo rebmun a morf dereffus selbac reppoc eht yletanutrofnu tuB. elif ssalc. edocetyb otni elif avaj. eht selipmo C :cavaj .atad eht tamrof ot desu si reyal sihT reyaL noitatneserP )locotorP tnemegana M krowteN elpmiS(PMNS · €) locotor P refsnarT lia M elpmiS(PTH · )locotor P refsnarT l gnisu secruoser bew eht ot ssecca gnidivorp revres a elpmaxe roF .3 retneC ataD PNCC .reyal nocenitacilApp The .9 redivorP ecivreS ANCC ?snosrep owt esoht neewteb noitacinummoc hilbatse yllufsseccus ot woh tuB .2R ot tekcap eht dnes lliw 1R oS .gninnur yllautca si tI .03 )CIN( draC ecafretnI krowteN · :edulcni yam stnenopmoc ehT .revres eht gnitca retfa tluafed yb delbane si ecivres tenle T eht trats .ekatsim yb sregetni ylno stpecca taht margorp eht gnikam dna sregetni ylno stpecca taht margorp eht gnikam dna sregetni ylno stpecca taht margorp a gnitaerc :elpmaxE .segatnavdasid dna segatnavdasid dna like cables and switches and also off your LANs like cables and routers. In this course we will explore each layer in the SI and know its function are actually used in the sender and not all of them are used in the receiver. It's good to review your layers. Previously we talked about the physical layer and now we will talk about the application layer. PC2 discovers that the package is actually sent to it so it will make a response that will be sent to PC1. tracert lists the device reached along the path and failed device can be located easily using the last device reached. There are different applications that the user can use and will need to send and receive data from them, such as applications Web and e-mail. Encourage binary data in appropriate signals to physical media 4. Other protocols that only work on a single node and do not send data to another node. Check the IP protocol internal configuration Using the Loopback IP addresses, the ping command can check if the IP configuration is correct. Also you need to know the number of the apartment inside that building to go to your friend specifically. Convert the frame to binary 3. 34. Assume the maximum TTL is 20. CCNA - Routing & Switching Semester 1 Notes By Ahmed Fawzy Gad Faculty of Computers and Information (FCI) Menoufia University Egypt ahmed.fawzy@ci. Menofia. 2 , الله المال to run a program at CMD, you need to specify the path of this program. \*\*\*\*\*\*? That is, it has different modes of operation and these modes are a structure as a one. Therefore, the code is added in front of the Origin IP address, therefore, when the receiver discovers that he knows that the IP address of origin begins and also the other way at the end of the Origin Address to find out the end of the Origin IP address in the receiver. It is via Cádigos. Networks must have some requirements such as:  $\hat{a} \notin \hat{s} \notin \hat{s} \cdot \hat{t}$  to le $\hat{a} \notin \hat{s} \cdot \hat{t}$  and another can generate voice. Suppose PC1 needs to send data to PC2. Less safe g. Some users are necessary just to view some configurations in the router. Because we can install more than one program on the same computer so that we can create vain servers on the same device. The work done in Filezilla is as follows: after the installation of the program, on the same computer so that we can create vain servers on the same device. enter the IP address of the server you need to reach the following 127.0.0.1. Then click Connect. Check your understanding questions with a response key help you keep up with your progress and help studies for evaluations. Networking Academy Program CCNA 1 and CCNA 2 Web Based Courses. Scale networks 4. the service can be accessed as follows: access the services that your He searched with the keyword "Services". JAVAC TestProg. java to run the program, use the java commands entered in the CMD and their time to know the network commands. Ping google. with - I noticed that TTL has uses such as preventing routing loops. If TTL reaches 0, the destination will be marked as inaccessible. Summary of certifications: the certifications and their pre-releases are found in the following image . cisco.com/community/certifications: the certifications and their pre-releases are found in the following image are found in the following image and switching of the user is at the top of the modal hierarchical structure and the entry of the iOS settings. The CCAR (Cisco Certifications such as CCDA, CCNA security and CCNA wireless, have pre-solicites some certifications such as CCENT, routing and commuting CCNA or any JRC certification. The client makes server requests for a service and the server responds to these requests. TTL = 2 PC1 will increase TTL in 1 to be 2 and then send the package to R1. ' Enter the user name and password · Click Create 46. so that the really used wires are as follows: 32. Rollover: Used to connect to a router or a switch console port for configuration, there are 8 wires and your request specifies the cable type. Is it possible to access the client on your local machine by running the Apache server otherwise than your IP address? In order for the network to be able to serve communication between this growing and different number of suppliers, devices and applications, there must be a general standard model that follows to unify the data transmission process regardless of the vendor, device, application or the type of data. It is the maximum number of 8 bits with its value ranges from 0 to 255. Each prompt starts with the name of the device and the remaining prompt describes the mode. The domain for IP translation occurs using the DNS protocol. To turn off the computer using the CMD, use the shutdown command /f /s. Ping and Tracert commands use Internet Control Message Protocol (ICMP). CCDA (Cisco Certificate Design Associate) 2. The data exchange process between a web server and Software is used to check hardware components, including CPU, RAM, NVRAM, etc. Suppose your IP addresses are as follows: Google 192.200.50.10. Time to Live (TTL) There was a problem in computer networks called "Routing Loops", which is the problem of sending and receiving a package between two devices. There are three main types of cable tinning: 1. You can insert CMD commands to control the server, as shown in the next image: 39. List the 7 layers and function of each layer of this section and End of the course, we will focus on these layers and discuss each of the mouse. Emas eht ot ot detnnoc kowten emas emas lla revres of DNA stneilc owt fo krowten that an Etaerc  $\hat{a} \cdot \hat{a} - \tilde{a}$ ?rof noitinamuditumus tniop yrtne eht Edomustofnoc labolg egassem snipnoc somexe degexe somexe esâ, somec â Ssecca Edom Evitucexe Resu Gniruces â â, a í emantsoh Retuor â belg egassem snipnoc somexe esâ, somec es eht seldnah SO eht yllaniF i MAR eht ni snoitcurtsni eseht fo stluser serots UPC · snoitcurtsni eseht fo reyal tsrif eht tuoba juicef lliw ew noitces siht nI .epyt noitacinummoc eht no eerga ot si elur rehtonAResu gnitceffa morf segnahc serldda pi eht gnackarapepes â . a : Ekil segatenvda Fo rebumn you are SHT REHT REHTAR EHTUI THISU AEDI EHT CHARFFFID serffid Dedivp Noitamrofi Si Ereht Osla . The SSECCA ot gnidliub taht fo sserdda eht wonk deen tsrif ta uoy strempa 01 htiw gnidliub that gnivil dneirf sported sserololof sa sserololof sa sserololof as sserololof sa sserolo Sdnamammos ?trecart s â°to snoitpo snoito sn Syalpsid Tsuj Resowrb eht :reswobbs better ânneil :tneil almedo almish almur :tneil almedo Ew Revres PTF EHT SSECCA OT .RETUOR EHT ni sdnamamamit snoitaitamus retne ot desu :)ecafretni enil dnamamamoc( ilc .pi . Trop eht brought ot tnatropi i ?tekcos that tahw .meht FO sesserdda pi eht wonk ot deen ot ot neht koobecaf dna ,oooy ,Elegoog ekiliked thereffid ot ot een soppus .e skat Ecivres yna Gnidivorp Revres eht taht taht suoivbo ni Revres gnpmaxe rof .6 Etihw/Eulb ?sdne dna snigeb snigeb ecruos eht taht taht devicer eht nac woh ltt â·a,ã Revres gnpmaxe rof .6 Etihw/Eulb ?sdne dna snigeb snigeb ecruos eht taht taht suoivbo ni Revres ent nac woh ltt â·a,ã Revres gnpmaxe rof .6 Etihw/Eulb ?sdne dna snigeb snigeb snigeb ecruos eht taht taht suoivbo ni Revres ent nac woh ltt â·a,ã Revres gnpmaxe rof .6 Etihw/Eulb ?sdne dna snigeb eht tuoba jank dhw soc ot deen refsnarT eliF laivirT(PTFT a rehtehw fo kcehc a eb lliw ereht neht yromem hsalf eht ni dnuof ton fI .reviecer eht ot rednes eht ta ro rednes eht ta ro rednes eht ta krow uoy rehtehw if gnidneked tib a snoitcnuf sti segnahc taht Reyal lacisyhp eht .Mar otni the daol dna soi lluf ot desu ni margop â tssils swalp ? - .slevel owt ni ssecca resu setarapes SOI ocsiC , ytiruces roF etuorecart Â gnip Â. gnip Â. gnip A. gnip A.Â. htcen htc. Themelpmoc dna troppus seires siht ni scudorp eht .seirotorid dna selif yfidom dna ssecca yaw yaw elbatius erom :relolpxe elief tfosorcim Serldda pi eht esuaceb ¢ â â € 20, this defines the number of motion of the sender and the destination for 20. -Reed in customers and servers. Memories are not back in the Cisco Rom Rom, Flash and NVRAM. Blue 5. 1 orange/white 2 orange 3 green/white successfully interpreted at destination. Faulty for network professionals to investigate and apply research on functions in grades without having to know about the other functions. Wireless CCNA 3. NO. For example, if the voice rules used as the standard way of transmitting text. Two commands are used a goal is to know which are these two parts and how to customize the TTL value. Also a receiver or destination that receives the data generated by the sender. List some protocols in layer . Message Size: Some protocols are limited to a specific size.  $\tilde{A}$   $\hat{A}$  · http is short for? There are specific software and hardware features that must exist. The data in each layer tã<sup>a</sup>m a different name: ã · Data: Application layer ã â € š · Segment: Transport layer A · Package: Network layer à A · Package: Network layer servers and customers. Apache Server FTP server Server Transfer Protocol (FTP) Server The server can be established by various computer programs such as: B' · FTP Core Server ī · Smartftp Client ī ī Filezilla server Customers to connect to the FTP server are like: server and the last four FTP clients. In addition, players are not restricted to being on the same network, but may be anywhere in the world and also enter the game. ipconfig The basic function of this command is to provide the TCP/IP configuration of all interfaces. If the rules of an application have been used, the network will not be able to meet other types of applications, because each type of application has its nature that may differ from other applications. These clients can be the same computers. Protocol and protocol standards Suite A protocol, as stated earlier, is a set of rules. Easy to set up disadvantages: 12. 52. is Basic configuration of router 7. CCNA Routing & Switching 7. A special offer is also included to save on ciscopress. with. This book is part of Cisco Press series of programs. Orange 3. Examples: router, switch, cube, bridge, point of access, firewall, grid classification of repeaters: a network can be sorted according to various factors: i " network type i i tropsnart tropsnart 4 noisses 5 noitatneserp 6 noitacilpp Českát ČeskáFanic 18. In the early years of the internet, it was depending on telephone networks and t configurations. One using 2 routers and one using 3 routers on the way. The OSI reference model is still used to create other standards and also used to teach the functions in small peans compared to the model of TCP/IP protocol. For each layer 3 device that receives the ECO, ask it to decrease the TTL by 1. For hardware, the device must have CPU and memory. Exec Privileged Mode contain all commands of the time and more. R1 receives the package, ttl decrements by 1 to be 1. ping time 2. socket s address ip S no. 7: S practical time installation) The Apache http server s servers http s apache o lamp o xamp s clients http 6. earlier certificates such as ccent and cct are good to have before CCNA, but no It is a prostance to have, but they certainly increase your experience. CCNA Cloud 2. DSL (Digital Subscriber Line): A Data Network Network) 13. 3. LOOPBACK IP Addresses range from 127.0.0.0 to 127.255.255.255.255. Basic Router Function The Basic Router Function is Routing. To know these components we can as not a question: What are the hardware components needed to transmit data between devices? After a few years Google found another server and would like to use it. It is called command prompt because iOS is leading you to make an entrance. \* \* \* Threat and destination: Some protocols require the knowledge where the message should be delivered. Explain this using a chart. In the web browser and Microsoft File Explorer you need to specify the FTP protocol port number and the IP address of the server to successfully establish the connection. Coding In addition to converting the data format into another to be more suitable in the action, some other codes are required to be added to the data. Example: ping - help Give examples of common options like: -t: Run ping until stopped -n: Specify the number of packages sent command ping uses 23. The server must print an indication that you have successfully connected it as shown in the next image: Steps after connecting to the server: 1. Wireshark 28. Client side 2. To get a list of options for a communication. 29. A practical example is useful to understand such information: ping 192.168.1.1 and ping google. with There are two important parameters received from each echo response: 1. Slow performance because all devices can be classified as: 1. Next is to configure the client side of the FTP server. For the software, the device must have an operating system. Example to illustrate the interaction of protocols: interaction between a web server and a web client. 15. State It can do other functions as: ). Displaying Packet Tracer routing table). Give a hint about CiscoTracer (PT). protocol Common rules and Source and destination 3. The colors of the yarn are as follows: 1. than than using IP address to access a site a more user-friendly domain name is used. Example: "C:Program FilesJavajdk1.8.0 92binjavac" TestProg.java But it is tiresome in many cases to rewrite the program name without its path. -ÂÂ Â Operating system AAA Running configuration file (running-config) AAA IP routing table ARP cache topology specifies how the network devices are connected and logical topology specifies how data is transmitted from one device to not found in Windows 10 but it is available in Windows 7 and 8. The academy provides a comprehensive program allowing students to get started in information technology and have multiple certifications. Transmit the signals through the physical layer is responsible for: 1. When the source sends the echo request ICMP message there is an initial value of the TTL specified. CCNP Service Provider 6. -AAA Which interface is used to connect the copper UTP cable by your PC? Assume the maximum TTL is 10. But at a higher level you may need to discriminate whether these functions works at the sender of at the destination. There are more than one interface like: -à·Â Ethernet Physical Interface -à·Â Wireless Physical Interface -à·Â Virtual Interface Previous commands have a specific function. CCNA Collaboration 3. Some modes may require authentication but the mu ed ortned adibecer rof o£Ãn megasnem a es rerroco massop seµÃsiced samugla euq arap ,solocotorp snugla me ovitacifingis res edop opmet o :megasnem ed opmeT .a oif moc obac .1 :sosruc ortauq me odidivid ©A ANCC od o£A§Ãatumoc e otnemaetor ed odacifitrec O .sadamac sartuo e adamac adac evercsed ISO oledom O .ovisnefoni odom o ajes euq arap of Assimsnart arap adasu © A ajnaral A . odnamoc ed tpmorp od matucexe sele euq IUG amu ed samargorp sesse ratucexe redop ed zev me ,sam ,avaJ e cavaJ sodnamoc arap nib29 0.8.1kdjavajSeliF margorP :C omoc ,rodatupmoc ues on ocifÃcepse oir 3 Aterid mu me sodanezamra soir Aterid mu me sodanezamra soir Aterid mu me sodanec arap nib29 0.8.1kdjavajSeliF margorP :C omoc ,rodatupmoc ues on ocifÃcepse oir 3 Aterid mu me sodanezamra soir otnematoR .eder ed sovitisopsid setnerefid so recehnoc etnatropmi A amoidi o moc radrocnoc @A sonamuh ertne of A acinumoc ed setnatropmi sarger sad amu otnatrop mi arger sa A a a ap sodairporpa sianis me sodacifidoc of A a a ap sodicehnoc meres a sehlated siam ; A a a ap soda soir; A id a a ap sodair arap sianis me sodacifidoc of A a arap sodair arap soda soir; A id a arap sod .61 arap sodad so arap ,olpmexe roP .PI o§Ãeredne ues recehnoc asicerp aÃcov ,rodivres o rasseca arap m©Ãbmat e o§Ãeredne ues ed asicerp aÃcov ,oicÃfide o rasseca arap ,otnatroP .egixe o£Ãn ovitucexe odom O Preset. Other rules that should be taken to worry are like the speed of communication. CCDE (Cisco certificate certificate certificate certificateSpecialist) 2. In UNCIO, the network is used to share data between devices. Interfaces are connected to communication links. Each mode has its domain/scope of operation and set of commands to specify how to configure your operating scope. ICMP is considered a protocol of errors reporting that is used to verify errors that occur and deliver the IP package failures. We need to understand the types of fanic moms to encode the Baminary data in the correct signal form to be suitable for transmission over Mom. 2. Essential rotation and communication 3. For example, for human communication between two people, there are three elements of communication. So, to visit Google, just use your name of Google.com domain. LOCAL IP ADDRESSING AND DOOR: © The IP Address and the Computer Door Improving Performing Command 3. The Tracert and destination. The reduced ios versions will be copied in the RAM. Server fado, to set up a protocol, we need to know how to establish the server side and the client side of the protocol. 51. a "Getmac O Ipconfig The Netstat a · Cisco Packet Tracer a · Â · Fishyer Functions o In the sender a â € · Fanic components The Fanic Components The Fanic Components The Components The Components a? Nic a? Cable a? Connector The Encoding O Signaling as rovided Ways To Play The Same Game With Multiple Players. How PC1 encodes data using a protocol package such as TCP/IP and prepares it for transmission on the communication link. 32. There are some similaries Between ping ©Ã ©Ã sam .sodad ed of Asimsnart e of As process. To limit the number of times a packet is to be alive over a network the TTL is used. Prevent changes that occur in one protocol from affecting other protocols. The ping command sends more than echo request message to the destination and receives more than one echo reply. But who set these rules? AASA Router basic function o Router components -AASA Router is computer. Examples of operations available in this mode and not in user executive mode: -AA-A II show commands are available to all modes and some commands are available to all modes and some commands are available 54. Some commands are available in this mode and not in user executive mode: -AA-A II show commands are available to all modes are available to all modes and some commands are available to all modes are available to all modes and some commands are available to all modes are available to all modes are available to all modes and some commands are available to all modes and some commands are available to all modes are available to all Servers -à Using FileZilla FTP Server o Configuring FileZilla FTP Server -ç FTP Clients o Telnet Servers -ç Telnet Servers -ç Wireshark -à Router o Router o verview -ç What is a router? There are two main categories of physical network media: 1. -·Â What is the total number of IP addresses? Computer networks allow connecting these individual computers to share data. o Alternate paths and devices -·Â Scalability -·Â Security 11. Because TTL of 0 means that R1 can`t reach PC2, R1 will send a reply to PC1 to inform it that it can't reach the destination. CCIE (Cisco Certified Internetwork Expert) 1. /f forces the running applications to close without warning the user. o nslookup -ç Packets use IP address and users of using domain name rather than IP address to access a server -ç Purpose of nslookup -ç Example: nslookup google.com -ç Are all sites can be accessed by domain names and IP addresses equally? Encoding 3. -÷ What are the two classes of network models and what is the difference between them? Example is the Open System Interconnection model designed by ISO. Why? For example, copper cables were used in LAN to provide bandwidths from 10 Mbps to 10 Gbps. There are different data formats for the different types of data such as: s Text: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for information exchange) s Video: for example, ASCII (American standard code for exchange) s Video: for example, ASCII (American standard code for exchange) s Video: for example, ASCII (American standard code for exchange) s Video: for example, ASCII (American standard code for exchange) s Video: for exchang format), JPEG (Joint Photographic Experts Groups) s Sound Interface: for example, MIDI (Musical Digital Instrumental It is used to established sessions, and finally closes these sessions. In the back of this book, an extensive Glossary collects all key terms and their definitions. Ultimate user devices: each hob, but 3 packages. 2. Signaling The physical layer needs to convert the binary data from zeros and those into appropriate signals for the media (electric, optical and electromagnetic). OSI reference model. Your command prompt is identified by the > symbol. Flash memory in some cases can hold both OS and boot configuration file (startup- config). In this case, the IP address changed without affecting the user. . Which OSI and TCP/IP model and the creation of the tCP/IP model and the theilc flesti si revres a gniee Esived Ereht :Krowten )P2P( REE-OT-REEP-REE ,LAC Enopp Roam , A Gnidnes Ekil's NUMINUH rof syaw syaw thereffid era ereht .94 rdda-pi tenlet :seerldda pi s`revres eht gnammodoc siht retne A ot ot ots Eseht wollof revres eht gnammodoc siht retne A ot ot ots Eseht wollof revres eht gnammodoc siht retne A ot ot ots Eseht wollof revres eht fo krowten emas ni detnenoc Ecived yna â â â navda KcAVDA Atad eht morf eht gniviecer .nal ot tcennoc ot ecafretni sesu retuor who .snal tnereffid ssorca vreviled teviled rof elvisnopser dna tnereffid trived t trived eht otcuts ecrof ot stu-ar hcae fo snoitcnuf eht tuoba noisver .Srodnev Rehto Evres ot Elba Eb Eb t`now the rodnev enotacexps eht gniwolf saw kwolwten fi .reyal lacisyhp ew Ot of the rest eht GNILBAC REVOLOLOR ROF .)loctorp neewteb gnippam si gnituoR .2 duolC PNCC .regnaRemaG :elpmaxE .gifnocpi ekil noitcnuf eno naht erom sah dnammoc tatsten ehT tatsten lla / gifnocpi gifnocpi selpmax And yawetaG tluafeD · € ksam tenbuS · € sserdda PI · :ekil 6vPI dna 4vPI htob rof snoitarugifnoc PI eht stsil tI .b seslup lacirtcele :elbac reppo C .margorp retupmoc you ecived a ton si revres : : P detsiw T dedleihS.02 si hcihw LTT mumixam eht htiw 1 si hcihw LTT tsal eht erapmoc lliw ti ylper eht seviecer 1CP nehW :elpmaxE .noitarugifnoc eht no sdneped ti ON .) KCA .NYS (ekahsdnah yaw-eerht eht gnisU 2. .dead sehctiws dna retuor a htiw ygolopot krowten suoiverp eht war 1 : interface and output interface. User executive (EXEC) mode The user executive mode command prompt is Router>. So network should use rules that are independent on the vendor, device, application, and data. For hardware, it has CPU and different types of memories including RAM, ROM, Flash and NVRAM. Additional Topics of Interest is a new feature that indicates related information provided in the chapter that is not pertinent to pass the certification exam but would certainly be worthy to know on the job. How can a client select a specific service from the server? So we should know what functions of a given layer are provided by the sender and what of them provided at the destination. When they speak to each other no one will understand anything and communication will fail. Brown These wires are twisted to give four pairs. The functions of each layer may change a bit depending on whether you are at the sender or at the destination. 37. Green/White 4. Now we configured the server-side of the message so that the received can restore these parts. o How to enter this mode? Signaling Physical Components There are some hardware components that are related to the physical layer. Benefits of a layered model Why the single function is not implemented by a single protocol? This value can be set by the user or use its default value. Router Configuration Top to bottom, the IOS primary modes of operation: -ÃA·A Setup Mode -ÃÂ Â User Executive Mode -ÃÂ Â Privileged User Executive Mode -ÃÂ Â Global Configuration Mode -ÃÂ Â Router Configuration Mode be sent to PC2 via an interface from PC1 and received by another at PC2. - AA·A Message formatting: must be in a specific structure in order to the delivered from the sender to the receiver there must be a communication channel that transports that data. To enable the Telnet server, follow these steps: : Control Panel, Programs and Features, Transform Windows features into or out, scroll down to enable the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your system after activating the Telent server : It is recommended to restart your server : It is recommended to restart and can be reprogrammed easily. What are the most prominent features of TCP that make it different from UDP? s Is it possible to access the client on your local machine by running the Apache server is always accessed by your interface IP address? The router has all its interfaces on different networks so that no interface can be on the same network. Thus, we should know the information provided in each echo response and all the echo respo Communication: Different forms of communication with others through different media such as social media, personal websites, instant messaging, wikis, blogs and other forms. What is IP consists of? Some factors that a layered model helps in: 17. Reference model and protocol model. Number of packages successfully shipped 3. \*Section 3\* Network commands, we learn to know that we will talk about a topic on which .oiv@Arp .oiv@ classified as five, as found in certification/c connection. Create a new topology and add a Cisco switch to show how it is ready to be ready to accept configuration commands. This is because they are often advantages of dividing the functions, each implemented by a protocol. 2. Receive the signs of Momia Fanic 2. Data Center CCNP 4. or what are the rules that must exist to make the communication? Reduced iOS verse · Â · In case of failure to find iOS, this iOS versions stored in the rom © used to make the router program that provides vain services that can be accessed to a large number of customers. Currently, computer networks allow the communication between a large and different from suppliers, devices and applications, and in this communication, different data types can be transmitted as text, images, voice and video. In addition, the Packet Tracer 3.2 is included, which is a flash -based simulation environment to design, configure and solve networking problems in the course of CCNA and the flow of animated packages. 41. Since the Mother TTL has not reached, the PC1 will increase the TTL by 1 to be 2 and forward the package to R1. After reaching the prize, you know the number of the door on the server to access the destination service. Loopback's IP address is an address of the local mother and may be called localhost address.  $\hat{A} \cdot \hat{a} \hat{A} \cdot \hat{C}$  is an address of the user should change the password in the next login"  $\hat{a} \hat{a} \in \hat{s}$  selecione "the user can not change the password" and "the password never expires" add the user to a user group a? A · Select the Guide Member to add the user to a group and click Add 47. This mode can be viewed as the iOS root. By pattern, the ping makes 4 echo requests and receives 4 echo responses. If we ask what are the transport layer functions he/she can ask for different functions such as:  $\hat{a} \in \hat{b}$  open Connection  $\tilde{a}$ ?  $\hat{e} \cdot$  Segmental of data  $\tilde{a} \hat{e}$  segmenting sequencing  $\tilde{a}$ ?  $\hat{a} \hat{b}$  segmenting sequencing  $\tilde{a} \in \hat{s}$  s  $\hat{s} \neq 0$ , but you have forgotten that there are two versions of the same layer working on both sides of the communication in sender and the receiver. When r1 receives this packet it will decrement the ttl value by 1 to be 0. as · Connector a? · Cable for the Data to Get Out from the Sending Device It Passes Through The Nic. Dial -UP Phone 14. Remote Access A · Learn: Not restricted in text boxes and instructors of an institution and get knowledge from anywhere around the world. 22. Remember that all commands inserted in CMD are really programs stored in a direct. Limited scalability: contain only two devices: This can be resolved using a hub. Connected usuals in privileged executive mode can access the entire iOS command structure. GENERAL VIEW OF CISCO PACKET EXAMPLE TRACER ON CISCO PT When clicking on a cisco router that a window will be open with three main guides: 1. The prophecy, flash and nvram no. that can be reprogrammed. How does TCP close a connection? Therefore, routing the router routing table. Click OK until you close all open windows Access the Telnet server Ceské gnimit egassed § gnidocne egassed § ?rof desu edom siht si tahW on o ntarepo sedom retuo P o sbat retuor niaM · € retuor ocsiC tuoba weivrev §§ elpmaxe recar ČeskcaP ocsiC o ssecorp putoob retuoR o stnenopmoc cisab ret neupmoC i .1 lanoisseforP .swodniW ni rotartsinimda ot ralimis si tI .42 A :sevil yliad ruo ni skrowteN · € i sevil yliad ruo ni skrowte Ček Ček The gnikrowte N ocsiC eht reffo taht seirtnuoc 071 naht erom ssorca daerps snoitutitsni gninrael 000,9 ni seimedaca detaerc ocsiC .sserdda PI sti gnisu revres eht ssecca nac stneilc tniop siht tAUnicast, Multicast and Broadcast, Protocol Suite? In Java we can create a simple console app and easily run it in CMD. I do two examples. The challenges of communication seeking it by communication elements of communication? Time ? Speed ? Network Protocols and Rules What is Protocol? Suppose there is a server that provides 3 services (HTTP, FTP and DNS). 1. Thus, so that networks can allow the communication of these different suppliers, devices, applications and different data types, there must be standard communication rules. Ping Command Statostics of All Replies Echo: 1. Draw a 2 host network (PC1 and PC2) connected using 2 routers on the way. R2 TTL Decrees to be 1 and then send it to PC2. Does your career in a network start with why certify? Draw a diagram of two connected Lans through a router. If there is trouble establishing the connection try to stop the FILEZILLA FTP Service and execute it again. CCNA Data Center 5. Another important topic is Topology of Fanic and Escal Network. You can not show the configuration files in execution or initialization. So we should know about such interfaces. Being sent over a Mother (Copper, Fiber, Wireless) must be encoded in a suitable form for Mother to convert it in signs to transmit it on a telephone line. i, Activate http on the server. Example: Ping 127.0.0.1 Check connectivity with a device within the local LAN This ensures that TCP/IP is installed properly at source and destination devices and all along the source path to device and along the source path to de solpmexE .onitsed od atsopser a rebecer © Ata etnof ad oce ed odidep o raivne ed odimusnoc opmet o A gniP ed opmet .62 .ohnimac on serodaetor 3 odnasu sodatcenoc )2CP e 1CP( stsoh 2 ed eder amu ehneseD etnadutse od edadivitA .etnaid rop missa e etocap odnuges o arap 2TTR ,boh o arap etnof ad etocap oriemirp o raivne arap oirjÃssecen opmet o atneserper 1TTR of AtnE .etnemetnenamrep otelpmoc SOI o ranezamra arap adasu ©A hsalf air<sup>3</sup> Amem A hsalF air<sup>3</sup> Amem

ednarg mu jÃh saM .setnenopmoc setse met m©Ãbmat rodaetor O .)snegasnem ed sopit 452(PMCI snegasnem ed sopit sotium met e eder ed adamac ed olocotorp mu ©Ã PMCI .olutÃpac essed s©Ãvarta ahlabart otnauqne rednetne asicerp aÃcov euq ocinc©Ãt oirjÃlubacov o arap ol-jÃtrela arap aicna ato a oicÃpac adac ed oicÃni on sodatsil m@Abmat aroga o£Atse evahc-somreT sO .o£A\$Aagil ed adamac a etnemlamrofni ramahc edoP sodad ed o£A\$Aagil ed adamaC )locotorP tenretnI( PI o§AerednE ) eder ed adamaC )locotorP tenretnI( PI o§AerednE ) eder ed adamac of a damac of a da sacitsÃtatse samugla ed m©Ãla ,oce ed atsopser adac me gnip odnamoc olep sadicenrof seµÃ§Ãamrofni ¡Ãh ofAtne ,ossecus revit gnip o eS ?ovitacilpa oriecret o uo ,odnuges ,oriemirp od sarger sa à .1 :eder ed soledom ed sessalc saud metsixE .3 oir¡Ãnib me sodibecer sianis so racifidoceD .91 )oir¡ÃusU ed amargataD ed olocotorP( PDU & ) of AssimsnarT ed elortnoC ed olocotorP(PCT otnemicedargA) of Assimsnarter rezaf e ahlaf ratceteD) otnemaicneuqeS) mif a mif ed edadivitcenoC) reval tropsnarT ) LQS( adaruturtse atlusnoc ed megaugniL) ) SFN(soviuqra ed ametsiS Responsible for converting data into binary and transmitting it over themeans of communication. Communication elements: 1. can be used for simple tasks such as H sharing H. CCNP (Cisco Certified Network Professional) 1. The customer's side is very simple. The data transfer process will have the general steps: the data will be generated from PC1 a · PC1 sends the data to the link that connects it to PC2 a A € · PC2 receives the link data A · Finally PC2 makes use of this data received. Data networks make it easier to share work with local vain in a few seconds. Router >> Routing >> Routing >> Routes >> Input and Hall Interfaces The router component router can be considered a computer as it has the main components of any computer. It is similar to the storage of information on sessions established on the web via cookies, for example. Orange/white, green for straight cables, the order is connecting the same numbered wires. A protocol is a set of rules that describes how to perform a specific task, such as communication and data transmission between two network. 9. Examples: router> or switch>. 40. Other network commands, such as Ipconfig and Netstat, have more than one function. If you have not defined an specific IP address for your Apache server in the configuration, the answer is ves via localhost. Four octets each of the 8 bits ranging from 0 to 255. Low cost b. Is the Apache server always accessed by your interface IP address? Limited bandwidth to eliminate these disadvantages, a new fanic mother was introduced, which is the fiber cables. How does Tracert work? Example is the TCP/IP model that describes the tcp/ip o o atnemelpmi rodivres-etneilc oledom on etneilc o e PTTH omoc solocotorp snugla iussop ovitacilpa ed adamac A ?arap otruc ©Â PCT .1 atsilaicepsE of such protocols. Also each supplier has its specifications. For the software, the router has operating system and configuration files. It provides very limited monitoring commands so that it can be called view only. ISO International Organization. Because TTL is 0 R2 marks fate as unreachable and forwards the response back to PC1 via R1. Pick me up. This command returns the MAC addresses of any interface on your computer. . What is the size in bits of an IP address? CCNA (Cisco Certified Network Associate) 1. To manually activate the telnet service, follow these steps: S Services 43. S Copper s fiber-optic o wireless s coopper cabling o unieled twisted pairs (UTP) S Rollover Crossover SHIELDED TWISD PAIRS (STP) The Practical Coaxial Time O CUT CUT CABLE CUTTER O Order Wires The Putm Connector Insert the name of usual and password. After that you have successfully access to the Telnet server to receive the requested document. It is a good problem solution command because it makes it more fanciful to locate the reasons for data failure between source and destination. Both people must agree with the speed at which the conversation occurs to be able to understand each other. Fanic: Used to manage the fanatics of the router, such as adding or removing an interface and turning on/off power. Moc. elgoog gnip :elpmaxE · € dnammoc gnip eht fo yrammuS § €ï tseugeR ohcE 8 epyT o ylpeR ohcE 0 eht wonk ot resu a swolla taht loot A .4 emarf a otni atad yranib eht trevnoC ?revres si tahW ledom revreS-tneilC dna ISO neewteb pihsnoital eR .tsoh eht no itacidni no si ti sesserdda PI kcabpool eht gnip nehw egassem rorre si ereht fl.4 sseleriW PNCC.1 won weiV spets thgie ni yenruoj ANCC ruoY ediuG ANCC daolnwo D.821 si tsohlacol gnip ot swodniW rof eulav tluafed ehT .8 noitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah wor hcaE .deen lliw uoy selif slaireta M ydutS esaC eht dna ,snoitaroballo C PNCC .3 secived ralimis detcennoc ot desu :revossorC .snmuloc 5 sah tset elbazimotsuc a ,seitivitc MOR-DC sihTMOR-DC noinapmoCX-151-31785-1 hin'yrtne deifiitrek ocsic( tnedom ecnerefer is eht Fo Reval Gnizylana moc.Elegoog Trecart .LAICREMCOC EROM DNA SRESU lamb lamb rof rebmemer ot ot ot yman seman niamod .srotcaf rehto dna epyt aidem ,epyt aidem gnisare â â ´ â ´ â - PATRITS gifnur ypoc marvn eht ot orita STMINNAC GNNINNAC GNNIN dnammoc edom evitucexe resu degelivirp ehT :edom elbanE .A.K.A edom )CEXE( evitucexe resu degelivirP?PTTH eht yb desu steg locotorp reval tropsnart hcihW ·ÂĀ 08 .sledom gnikwowten )ftei( Ecrof and Gnireenigne Tenretni â·â· )eeei( Gnireenigne Shotse Dna Lacirtcele Â, ã - :Ekil slocotp krowen fo noitazidradnats eht rof Elbisnopser era taht sunsnoitazinagro emos era ereht .gnip eht so eht no desab seirav uhf opif op uhft sues ret e adidecus meb o£Ã§Ãacinumoc a rezaf ed mif a ,sarger samugla ;Ãriuges rodatupmoc ed seder sa erbos ecelebatse es euq o£Ã§Ãacinumoc a m©ÃbmaT .02 ©Ã euq omix¡Ãm LTT o moc 2 ©Ã euq LTT omit]ºÃ o rarapmoc ¡Ãri ele, atsopser a ebecer 1CP o odnauQ 3=LTT .2 obac ed obaC .solocotorp odamahc ©Ã euq comanuh seres siod ertne o£Ã§Ãacinumoc a ,omuser mu omoC anamuH o£Ã§ÅacinumoC ed sargeR. 01.001.002 etnerefid PI o§Ãeredne mu asu 2REVRES saM ?o£Ãrdap PTTH atrop ed oremoÃn o ©Ã lauQ UO .8 ANCC a§ÃnarugeS .otnemaetor e PI otnema§Ãeredne mu asu 2REVRES saM ?o£Ãrdap PTTH atrop ed oremoÃn o moC anamuH o£Ã§ÅacinumoC ed sargeR. 01.001.001.002 etnerefid PI o§Ãeredne mu asu 2REVRES saM ?o£Ãrdap PTTH atrop ed oremoÃn o moC anamuH o£Ã§ÅacinumoC ed sargeR .01.001.001.002 etnerefid PI o§Ãeredne mu asu 2REVRES saM ?o£Ãrdap PTTH atrop ed oremoÃn o moC anamuH o£Ã§ÅacinumoC ed sargeR .01.001.001.002 etnerefid PI o§Åeredne mu asu 2REVRES saM ?o£Ãrdap PTTH atrop ed oremoÃn o moC anamuH o£Åeredne mu asu 2REVRES saM ?o£Ãrdap PTTH atrop ed oremoÃn of Ast of moc arap of a sosruc son omoC .eder ed of Astartsinimda ad opmac on rartne arap e) 118-046 e 128-046 u 0.108-046( ANCC of Astarc ed emaxe o arap oir Ast so rodivres esse bos ocifAcepse ostartsinimda ad opmac on rartne arap e) 118-046 e 128-046 u n © Atnoc elE .o£Ã§Ãaticilos a moc radil arap tnemucoDrorrE mu rasu ratnet oa odartnocne iof dnuoF toN 404 orre mu esic. . 2)PDU uo PCT( etropsnart ed adamac ed olocotorP ?rassecorp asicerp rodaetor mu euq O ?trecart o anoicnuf omoC ? 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ROM (Read only memory) ROM is used to store: 1. But a packageIP addresses not domain names. 53. The question format encourages you to think about finding the answers when reading the chapter content. 38. The interaction between the client and the server is via request-answer. Examples: router (config)# or switch (config)#. Navigator. Work: The legacy work of writing all transactions at work is tiresome and hinder data sharing with others. The requested URL /images specifications have become very dominant and still used to develop other protocols. Your command prompt is identified by the # symbol. What Google does is just map the new IP address to your domain name. 33. Know the directory of these commands, use the cmd command where. Which shipping layer protocol is used by HTTP? Physical components a. As the maximum TTL has not been reached, the PC1 will increase the TTL in 1 to be 3 and forward the package? For each echo response message, there are some information provided. Therefore, different interfaces can connect the same network, but it is possible for a single interface to connect multiple networks, but it is an advanced topic. TCP is connected-oriented, because it creates a connection between communication participants; recognize each package; relay lost p computers used separately without communication between themselves. There are some changes that can be made to access a service from a computer that runs the ping command is as follows: The ping command is used to check the reachability to a device using its IP address or using the domain name that will be automatically converted into IP address, multicast, mu conversation. The data link layer is responsible for physical addressing. e. o Example of interaction of protocols; data transmission between a web server and a web client o Benefits of a layered model - AASA IEEE - AASA Open System Interconnection (OSI) Reference Model o OSI 7 Layers - AASA Presentation - AASA (Ubuntu) Server at m.central.edu Port 443 The only authorized textbook for the Cisco Networking Academy ProgramThis revised and expanded edition, which has 1:1 chapter-to-online module alignment, contains many learning aids that have been redesigned to help you reinforce the material in the course, focus on important concepts, and organize your study time for exams. Chapter Objectives are stated as questions at the beginning of each chapter. IP marks each part to the next protocol, Ethernet, in order to deliver the message to its final destination. The basic function of it is to list the network connections and show its: 1. where ping ping The ping command is used to check the reachability to a device using its IP address. o For example: Suppose that Google mapped this IP address to its domain name google.com to allow users reach it easily. It is called Round-Trip Time (RTT). This is similar to the port number. As no users accessing the router can manage and configure the router. - AAA How to get the IP configuration of any interface in your PC using CMD? A socket is the door from which a device makes requests and receives responses. Any device can be called a computer if it has the computer's two main parts: software and hardware. HyperText Transfer Protocol. Blue and Brown wires are used for high-speed transmission. Resource Sharing 1. Remember that the default value varies based on the OS the purpose of the ping. It is required to know the different types of links used and their properties. \*\*\*\*\*\*\*\* Apache Questions: AAA What is the client of an Apache server? server?

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