	Date Page
	1-AB-9
	WALL MANY
	Am: - To construct a VLAN and make a
	PC communicate among VLAN
	- Communicate de la communicate del la communicate de la communica
	Topology 142.168.201
	192.168.1.1
	Pouter 0
	Fa 0/5
	50/1 ta 0/4
	2960-2471
	Fa/o Tolan
	面面面
	PC-PT
1/11/	PC-PT PC-PT PC3
	PCO PCI PCI
	Procedure:
C1 P	Greate a topology as shown chasese 1841 growter and 2450-24TT switch
	1841 grouter and He grouter and 4PC's
ca el	Set if address of the souter and 4PC's
	suspectively, we use class Etype address
	also set gateways
COLITY &	also set gareways In switch go config table and select VLAN database given ang a-VLAN tike
	A TO WORK A LINNE
	a and mane as VLAN
251	Select the viterface fast Ethernet 4/1 and
	næke Et townk.
willin	Select switches under 2nd interface
1 = 100	which on each of them set VLAN
	which on each
	number 2

ve to router recorfig to and enter name and no 2 created. Write bollowing commands 255.255.255.0 192.168.1.1 Config T 2 phorpace fa 0/0.1 8 encapsulation dotly 2 ip address 192.188.20.7 255.255.0 to another WA Ring neesage forces Ping Output: Packet traces PC command line to PC> Pring 192.16820.3 Pinging 192.168.20.3 with 32 bytes of de Request timed out Jam 192-168-20:3: bytes=32 time=0mi from 192.168.20.3: by tre = 32 tore = 5 mg The from 172-168:20.3: bytes=32 time=0ms Th tatestics for 192.168-20.3 Packets sent = 4, Recieved = 3, top lost=10 in pullian ppronimate ground toup minimum=One, Makimum = 5me, Awrage=

	Date Page
	Opservation:
<u></u>	We can have one device one one VLAN and another VLAN connected to the
	Same switch They will certy hear cetter
	toroad cast toraffic from so within
	their VLANS, as & they were connected
	to two suitches.
2)	Merce reverse VLAN'S does not use
3)	ther VLAN neenting gives a plenible
	tool to legically subdivide their
	netwoorks that has potential to
	enhance security and performance
	really really many
	live our de pologie à trois
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	a must be a his and to the history of the history o
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Physical

PC>

Config

Desktop Custom Interface

## **Command Prompt** Packet Tracer PC Command Line 1.0 PC>ping 192.168.20.3 Pinging 192.168.20.3 with 32 bytes of data: Reply from 192.168.20.3: bytes=32 time=2ms TTL=127 Reply from 192.168.20.3: bytes=32 time=0ms TTL=127 Reply from 192.168.20.3: bytes=32 time=5ms TTL=127 Reply from 192.168.20.3: bytes=32 time=0ms TTL=127 Ping statistics for 192.168.20.3: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 5ms, Average = 1ms

