Date Page 1AB-9 To construct a VIAN and make a PC communicate among VLAN 1.00.881.00.1 192, 188,1,1 15000 Powter 500F 2960-249 192.168.20.3 192.168.20.2 190.168.1.3 192.168.1.2 PROCEDURE er Create a Lopelogy as shown above chose 1841 router and 2960-2977 switch here. ·) Set the ip address of the nonter and GPC's respectively we use class c type addresses also set gateways

- of In switch, go to config tab and nelect view database
 - give any vian no like I and name as vian.
- > select the interface fastethernet 411 and make it
- .) Next select the switches under and interface Which has enterface 0/3 & 0/4, Click on each of them and set vean number 2.

.> Go to router -> config tab and select vian database and enter the name vian and MO.2 dreated. → Go to gouter -> CI and egge the following Steps: configT Ateps: interface fablo Mep 3: IP address 192.168.1.1 255-255-255-0 Step 4: No shut Stops: Pait Step 6: Config T Step 7: interface fa 0/0.1 Map 8: encapsulation dottq2

Mep 9: ip address 192.168-20.7 255-255.255.0

Step 10: No shut Step 11: Pait Ping message from pc to another vian pc. PING - OUTPUT. Packet tracer PC Command line 1.0 PC > Ping 192.168.20.3 Praging 192.168.20.3 with .32 befor of data: Request timed out. Reply from 192.168-20.3: Bytes = 32 time = oms TTL=124 Reply from 192.168.20.3: byfes = 32 time = oms TR = RT Doolly 1827 1221 Pepy from 192.168.20.3: bytes = 32 time = 0 ms TC=127 Parkets sent = 4, Recieved = 3, lost = 1 (25% loss) Approximate gound trip times in milliseconds!
Maximum=0ms, Maximum=5ms, Average=ims

	Date Poge
	OBSERVATION:
. }	We can have one device on one vian & another on another vian connected to the
	another on another sill only hear other
	some switch. They will only hear other broadcast traffic from within their VLAWS,
	broadcast traffic grows instead dias as if
	doesn't use it add to two moitines.
of	they were connected they instead Jere VGANS doesn't use IP address instead Jere VGANS doesn't use IP address instead
	dial with subnets / class C type addresses.
.>	Inter VIAN routing gives agreement has
	Inter VIAN routing gives a flexible tool to Inter VIAN routing gives a flexible tool to logically subdivide their networks that has potential to enhance security and performance.
	potential to envarie secrety
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	and the saddies and category on the
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