

VLAN CONFIGURATION



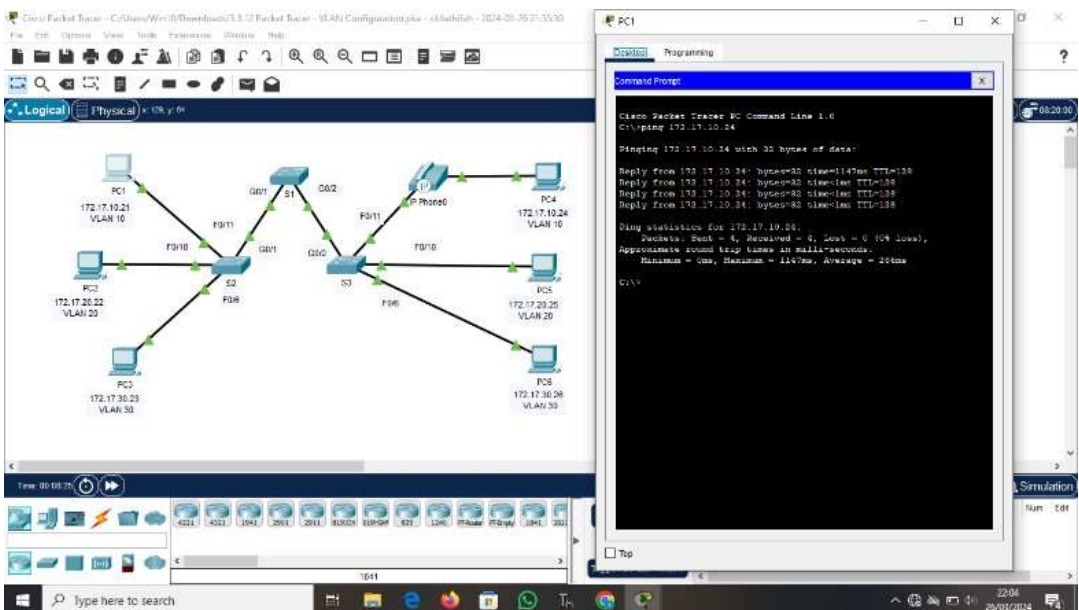
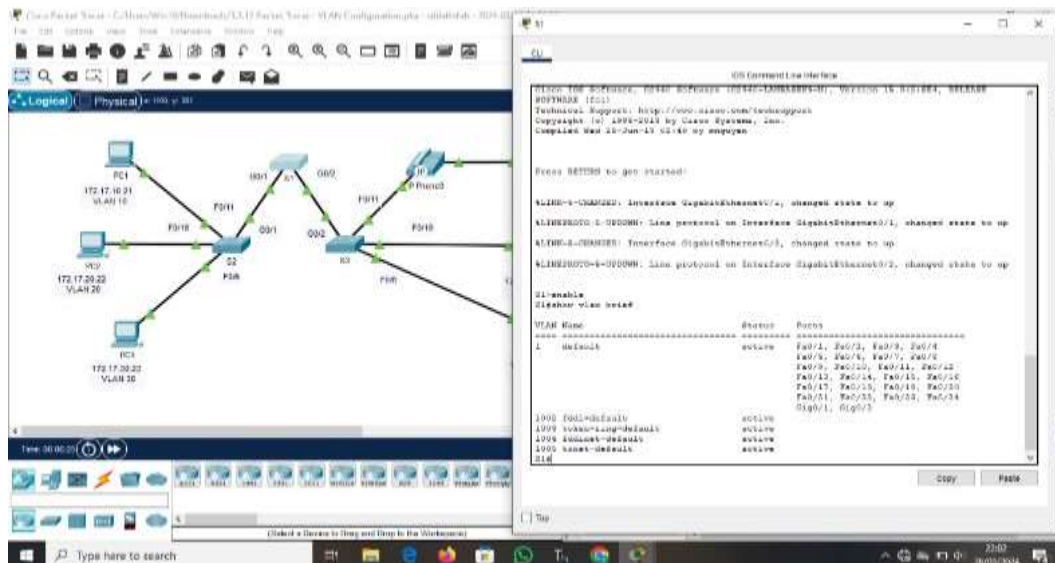
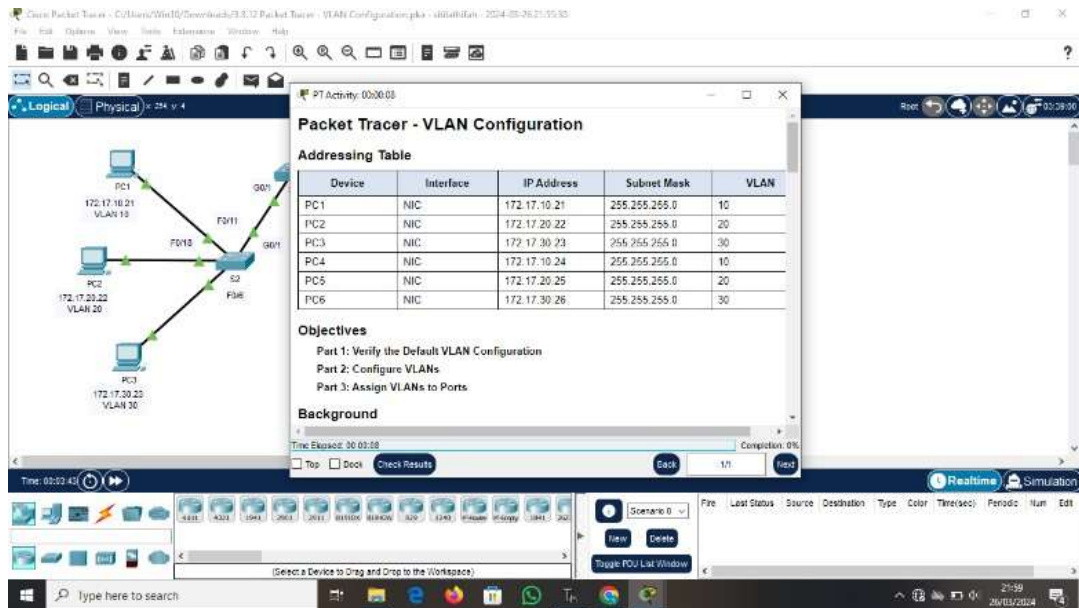
Nama : Devvi prima lisa

NIM : 09030582226044

Kelas : TK4B

Dosen : Adi Hermansyah, S. Kom., M. T

**FAKULTAS ILMU KOMPUTER
UNIVERSITAS SRIWIJAYA
2024**



Packet Tracer - C:\Users\Win9\Downloads\3.3.12 Packet Tracer - VLAN Configuration.pka - ukulufah - 2024-03-26

File Edit Options View Tools Simulation Window Help

Logical Physical 00:17:40

Time 00:17:40

IOS Command Line Interface

ST-enable
Show vlan brief

VLAN Name	Status	Ports
10 default	active	Ea0/1, Ea0/2, Ea0/3, Ea0/4 Ea0/5, Ea0/6, Ea0/7, Ea0/8 Ea0/9, Ea0/10, Ea0/11, Ea0/12 Ea0/13, Ea0/14, Ea0/15, Ea0/16 Ea0/17, Ea0/18, Ea0/19, Ea0/20 Ea0/21, Ea0/22, Ea0/23, Ea0/24 Sg0/1, Sg0/2
1002 Fa0/1-Default	active	
1003 tokenring-Default	active	
1004 FDDI-Default	active	
1005 token-Default	active	

ST-configure terminal
Configuring from terminal, memory, or network [terminal]? configure t
Must be "terminal", "memory" or "network"
Enter configuration commands, one per line. End with CNTL/Z.
ST(config)#vlan 10
ST(config-vlan)#name Faculty/Staff
ST(config-vlan)#vlan 20
ST(config-vlan)#name Students
ST(config-vlan)#exit
ST(config)#vlan 30
ST(config-vlan)#name Management
ST(config-vlan)#exit
ST(config)#vlan 100
ST(config-vlan)#name Voice
ST(config-vlan)#exit

Copy Paste

Packet Tracer - C:\Users\Win9\Downloads\3.3.12 Packet Tracer - VLAN Configuration.pka - ukulufah - 2024-03-26 00:19:30

File Edit Options View Tools Simulation Window Help

Logical Physical 00:20:36

Time 00:20:36

IOS Command Line Interface

ST-configure terminal
Configuring from terminal, memory, or network [terminal]? configure t
Must be "terminal", "memory" or "network"
Enter configuration commands, one per line. End with CNTL/Z.
ST(config)#vlan 10
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ST(config-vlan)#vlan 20
ST(config-vlan)#name Students
ST(config-vlan)#exit
ST(config)#vlan 30
ST(config-vlan)#name Management
ST(config-vlan)#exit
ST(config)#vlan 100
ST(config-vlan)#name Voice
ST(config-vlan)#exit

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Realtime Simulation

Type	Color	Time(sec)	Periodic	Num	Ex
KMP	Blue	0.000	N	0	0
KMP	Yellow	0.000	N	1	0
KMP	Green	0.000	N	2	0
FIN	Red	0.000	N	3	0

20:19 26/03/2024

Cisco Packet Tracer - C:\Users\Win10\Downloads\15.12 Packet Tracer - VLAN Configuration.pkt - 2024-05-16 15:53:30

File Edit Options View Tools Resources Window Help

Logical Physical x 400 y 100

Time: 03:25:05

IOS Command Line Interface

```

S3>config>vlan 10
S3>config>vlan #name Faculty/Staff
S3>config>vlan #vlan 20
S3>config>vlan #name students
S3>config>vlan #vlan 30
S3>config>vlan #name Guest(Default)
S3>config>vlan #vlan 35
S3>config>vlan #name ManagementRemote
S3>config>vlan #vlan 150
S3>config>vlan #name Voice
S3>config>vlan #vlan
S3>config>end
S3#
S3#show vlan brief

```

VLAN Name	Status	Ports
1 default	active	Fa0/1, Fa0/2, Fa0/8, Fa0/9, Fa0/6, Fa0/4, Fa0/7, Fa0/8, Fa0/9, Fa0/10, Fa0/11, Fa0/12, Fa0/13, Fa0/14, Fa0/15, Fa0/16, Fa0/17, Fa0/18, Fa0/19, Fa0/20, Fa0/21, Fa0/22, Fa0/23, Fa0/24, S1g0/1, S1g0/2
10 Faculty/Staff	active	
20 students	active	
30 Guest(Default)	active	
35 ManagementRemote	active	
120 Voice	active	
1003 #add-default	active	
1003 cken-ring-default	active	
1004 #dline-default	active	
1005 nras-default	active	

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Realtime Simulation

Type	Color	Time(sec)	Period	Num	Ex
ICMP	0.000	N	0	0	
ICMP	0.000	N	1	0	
ICMP	0.000	N	2	0	

22:21 26/05/2024

Cisco Packet Tracer - C:\Users\Win10\Downloads\15.12 Packet Tracer - VLAN Configuration.pkt - 2024-05-16 15:53:30

File Edit Options View Tools Resources Window Help

Logical Physical x 400 y 100

Time: 03:25:05

IOS Command Line Interface

```

S3>config>configure t
S3>config>end
S3>config>exit
S3#
S3#show vlan brief

```

VLAN Name	Status	Ports
1 default	active	Fa0/1, Fa0/2, Fa0/8, Fa0/9, Fa0/6, Fa0/4, Fa0/7, Fa0/8, Fa0/9, Fa0/10, Fa0/11, Fa0/12, Fa0/13, Fa0/14, Fa0/15, Fa0/16, Fa0/17, Fa0/18, Fa0/19, Fa0/20, Fa0/21, Fa0/22, Fa0/23, Fa0/24, S1g0/1, S1g0/2
10 Faculty/Staff	active	
20 students	active	
30 Guest(Default)	active	
35 ManagementRemote	active	
120 Voice	active	
1003 #add-default	active	
1003 cken-ring-default	active	
1004 #dline-default	active	
1005 nras-default	active	

Copy Paste

Realtime Simulation

Type	Color	Time(sec)	Period	Num	Ex
ICMP	0.000	N	0	0	
ICMP	0.000	N	1	0	
ICMP	0.000	N	2	0	

22:21 26/05/2024