Fascicule 2

mardi 28 janvier 2025

Partie 1 : Affichage de la configuration courante des VLANs

ZB-Switch3>show vlan brief

VLAN	Name	Status	Ports
1	default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4
			Fa0/5, Fa0/6, 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
			Gig0/1, Gig0/2
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

Partie 2 : Création des VLANs

1-creation des vlans

1-creation des vlans

2B-Switch3>enable
2B-Switch3>enable
2B-Switch3+configure terminal
Enter configuration commands, one per line. End with CNTL/2.
2B-Switch3 (config)#vlan 21
2B-Switch3 (config)#vlan 22
2B-Switch3 (config)#vlan 22
2B-Switch3 (config)#vlan 22
2B-Switch3 (config)#vlan 22
2B-Switch3 (config)#vlan 23
2B-Switch3 (config)#vlan 23
2B-Switch3 (config)#vlan 23
2B-Switch3 (config)#vlan 24
2B-Switch3 (config)#vlan pfamme marketing
2B-Switch3 (config-vlan)#catt

3- Verification de creation des vlans

3- Verification de creation des vlans

ZB-Switch3#show vlan brief

		Status	Ports
l default		active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, 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 Gig0/1, Gig0/2
21 comptabil	ite	active	
22 RH		active	
23 IT		active	
24 marketing	ī	active	
1002 fddi-defa	ult	active	
1003 token-rin	ig-default	active	
1004 fddinet-d	lefault	active	
1005 trnet-def	ault	active	

Partie 3: Attribution des ports VLAN

1. Access Switch 1 and configure the port for VLAN 21:

```
Switch1> enable
Switch1# config terminal
Switch1(config)# interface fa0/1
Switch1(config-if)# switchport mode access
Switch1(config-if)# switchport access vlan 21
Switch1(config-if)# exit
```

For Switch 2 (with ZB-PC2 on port 0/1):

```
⊕ Copy 2º Edit
bash
Switch2> enable
Switch2# config terminal
Switch2(config)# interface fa0/1
Switch2(config-if)# switchport mode access
Switch2(config-if)# switchport access vlan 22
Switch2(config-if)# exit
```

For Switch 3 (with ZB-Laptop1 on port 0/1):

```
Switch3> enable
Switch3# config terminal
Switch3(config)# interface fa0/1
Switch3(config-if)# switchport mode access
Switch3(config-if)# switchport acce \checkmark lan 23
Switch3(config-if)# exit
```

22 RH active Fa0/3	
22 RH active Fa0/3	, Fa0/1
23 IT active Fa0/4	
24 marketing active	
1002 fddi-default active	
1003 token-ring-default active	
1004 fddinet-default active	
1005 trnet-default active	
ZB-Switch3#	
EB BHIOCHOF	

1	default	active	Fa0/1, Fa0/3, Fa0/5, Fa0/6
			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, Gig0/1, Gig0/2
21	comptabilite	active	
22	RH	active	

Status Ports

VLAN Name

```
Switch3(config-if)# switchport acce ↓ lan 23
Switch3(config-if)# exit
```

For Switch 4 (with ZB-PC3 on port 0/1):

Partie6

rartieo			
2			
12000 02000 00200			
ZB-Switch3#enable			
ZB-Switch3#config terminal			
Enter configuration commands, one per line. End with CNTL/Z.			
ZB-Switch3(config)#interface range 0/2 - 4			
by bytoom (config) and fade and configuration of the configuration of th			
% Invalid input detected at '^' marker.			
* invalid input detected at marker.			
ZB-Switch3(config)#interface range fa0/2 - 4			
ZB-Switch3(config-if-range)#switchport mode trunk			
ZB-Switch3(config-if-range)#			
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed	state	to dow	m
obligations of ordered. Hine proceeds on institute randomiciness, 2, changes	Doube	00 401	
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed			
*LINEPROID-S-DPLOWN: Line protocol on interlace rastetherneto/2, changed	state	to up	
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan99, changed state to	up		
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed	state	to dow	m
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed	state	to up	
		-	
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/4, changed	state	to dow	m
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/4, changed	atata :	to	
switchport trunk native vlan 80	state	co up	
ZB-Switch3(config-if-range) #switchport trunk native vlan 80			
ZB-Switch3(config-if-range) #exit			
ZB-Switch3(config)#			

SWITCHED NETWORK Page 2

Fa0/7, Fa0/8, Fa0/10
Fa0/11, Fa0/12, Fa0/13, Fa0/14
Fa0/15, Fa0/16, Fa0/17, Fa0/18
Fa0/19, Fa0/20, Fa0/21, Fa0/23
Fa0/29, Fa0/20, Fa0/21, Fa0/22
Fa0/23, Fa0/24, Gigo/1, Gigo/2
Fa0/25, Fa0/24, Gigo/1, Gigo/2
Fa0/25, Fa0/24, Gigo/1, Gigo/2
Fa0/25, Fa

VLAN	Name	Status	Ports
1	default	active	Fa0/1, Fa0/2, Fa0/3, 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, Giq0/1, Giq0/2
21	comptabilite	active	Fa0/5
	RH	active	Fa0/6
23	TT	active	
24	marketing	active	
	fddi-default	active	
	token-ring-default	active	
	fddinet-default	active	
1005	trnet-default	active	
	witch5# witch6#show vlan brief		
ZB-S		Status	Ports
ZB-S VLAN	witch6#show vlan brief		
ZB-S VLAN	witch6#show vlan brief		Fa0/1, Fa0/2, Fa0/3, Fa0/4
ZB-S VLAN	witch6#show vlan brief		Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11
ZB-S VLAN	witch6#show vlan brief		Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/1
ZB-S VLAN	witch6#show vlan brief		Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/1: Fa0/16, Fa0/17, Fa0/18, Fa0/1:
ZB-S VLAN	witch6#show vlan brief		Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/1: Fa0/16, Fa0/17, Fa0/18, Fa0/1:
ZB-S VLAN 1	witch6#show vlan brief		Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/1 Fa0/16, Fa0/17, Fa0/18, Fa0/1 Fa0/20, Fa0/21, Fa0/22, Fa0/2
ZB-S VLAN 1	witch6#show vlan brief Name default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/1 Fa0/16, Fa0/17, Fa0/18, Fa0/1 Fa0/20, Fa0/21, Fa0/22, Fa0/2
ZB-S VLAN 1	witch6#show vlan brief Name default comptabilite RH	active active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/11 Fa0/16, Fa0/17, Fa0/18, Fa0/15 Fa0/20, Fa0/21, Fa0/22, Fa0/2: Fa0/24, Gig0/1, Gig0/2
ZB-S VLAN 1 1	witch6#show vlan brief Name default comptabilite RH	active active active active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/11 Fa0/16, Fa0/17, Fa0/18, Fa0/15 Fa0/20, Fa0/21, Fa0/22, Fa0/2: Fa0/24, Gig0/1, Gig0/2
ZB-S VLAN 1 1 21 22 23 24	witch6#show vlan brief Name default comptabilite RH IT	active active active active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/15 Fa0/20, Fa0/21, Fa0/22, Fa0/22 Fa0/24, Gig0/1, Gig0/2
ZB-S VLAN 1 1 21 22 23 24 1002	witch6#show vlan brief Name default comptabilite RH IT marketing	active active active active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/15 Fa0/20, Fa0/21, Fa0/22, Fa0/22 Fa0/24, Gig0/1, Gig0/2
ZB-S VLAN 1 1 21 22 23 24 1002 1003	witch6#show vlan brief Name default comptabilite RH II marketing fddi-default	active active active active active active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/15 Fa0/20, Fa0/21, Fa0/22, Fa0/22 Fa0/24, Gig0/1, Gig0/2
ZB-S VLAN 1 1 21 22 23 24	witch6#show vlan brief Name default comptabilite RH IT marketing	active active active active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/1 Fa0/16, Fa0/17, Fa0/18, Fa0/1 Fa0/20, Fa0/21, Fa0/22, Fa0/2 Fa0/24, Gig0/1, Gig0/2
ZB-S VLAN 1 1 21 22 23 24 1002 1003	Name comptabilite RH IT marketing fddi-default token-ring-default	active active active active active active active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/ Fa0/16, Fa0/17, Fa0/18, Fa0/ Fa0/20, Fa0/21, Fa0/22, Fa0/ Fa0/24, Gig0/1, Gig0/2
ZB-S VLAN 1 1 21 22 23 24 1002 1003	Name comptabilite RH IT marketing fddi-default token-ring-default	active active active active active active active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/1 Fa0/16, Fa0/17, Fa0/18, Fa0/1 Fa0/20, Fa0/21, Fa0/22, Fa0/24, Gig0/1, Gig0/2 Fa0/8