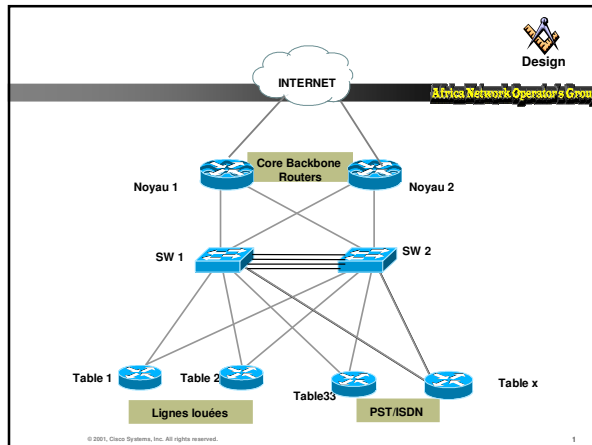


# Architecture de Réseaux

## Travaux Pratiques

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## TP CONCEPTION DE RESEAU

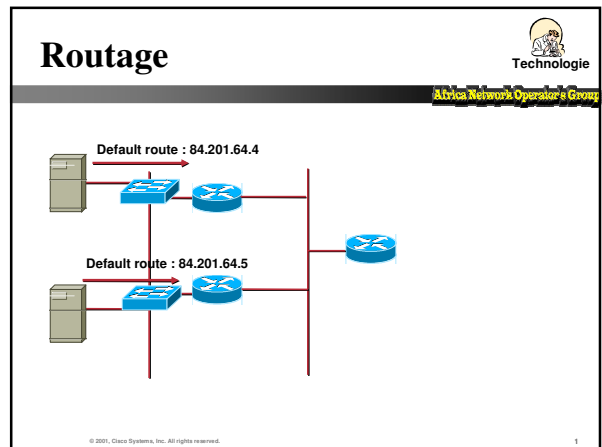
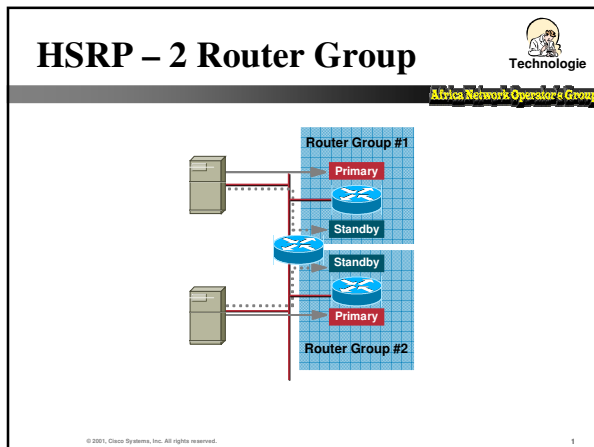
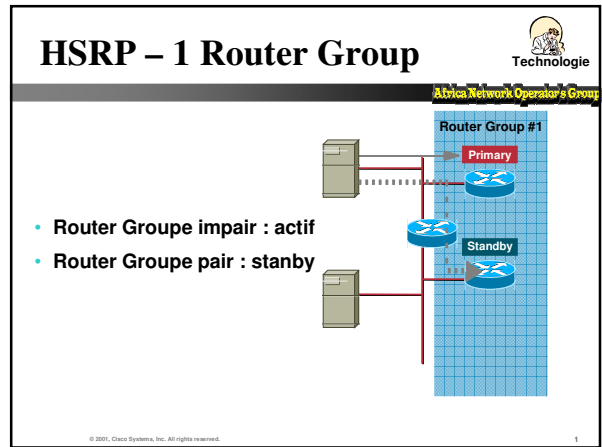
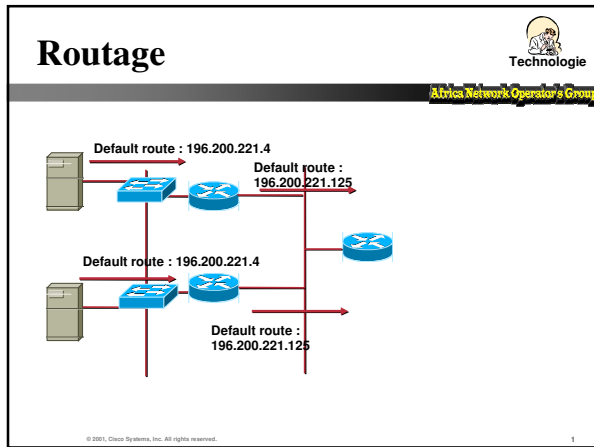
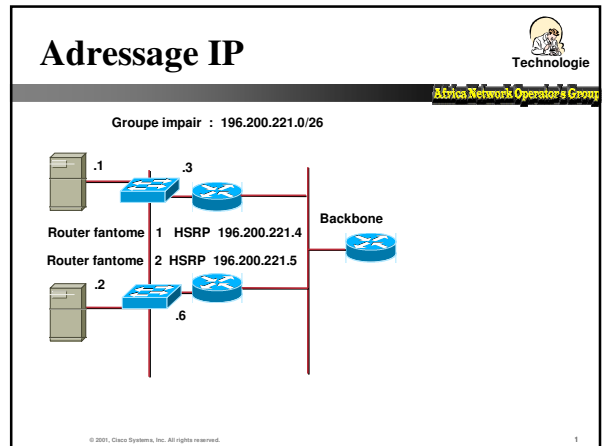
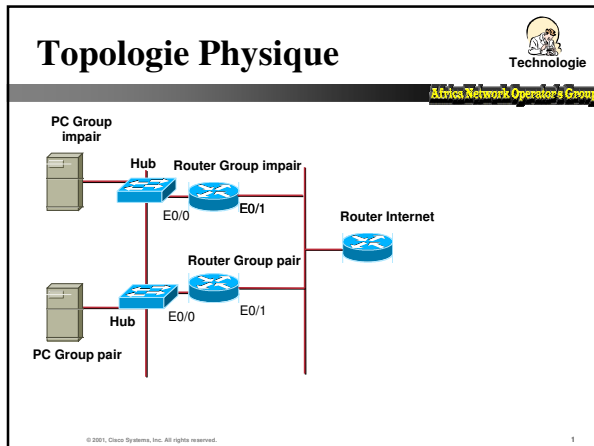


- Connectez les interfaces de votre routeur sur chacun des switch (e0/0 sur sw1 et e0/1 vers sw2)
- Adresses à utiliser pour les interfaces Ethernet
  - Sw1: 196.200.221.0/28 (3-14)
  - Sw2: 196.200.221.16/28(19-30)
- Configurez le loopback 196.200.221.24x/32
- Activer OSPF sur votre routeur avec authentification
- Injectez les préfixes de loopback et de vos connexions Ethernet dans OSPF
- Les routeurs du Noyau injectent du default
- Quels sont les préfixes disponibles dans OSPF?
- Faire des traceroute vers les loopback et vers Internet à partir de vos routeurs
- Simulez des pannes de switch et de routeur

## TP HSRP

## Agenda

- HSRP- 1 groupe
- HSRP- 2 groupes
- Tracking interface
- Pre-empt delay

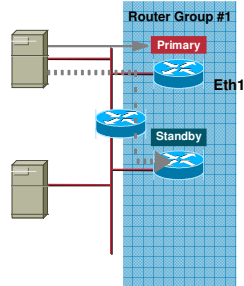


## HSRP – Tracking interface



Business Network Operator's Group

- Tracking interface Eth0/1
- Debrancher Eth0/1



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## HSRP - configuration



Business Network Operator's Group

```
Router1:
interface ethernet 0/0
description LAN serveur
ip address 196.200.221.3 255.255.255.192
standby 10 ip 196.200.221.4
standby 10 track ethernet0/1
standby 11 priority 150
standby 11 preempt
standby 11 ip 196.200.221.5
standby 11 track ethernet0/1
```

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## HSRP - configuration



Business Network Operator's Group

```
Router2:
interface ethernet 0/0
description LAN serveur
ip address 196.200.221.6 255.255.255.192
standby 10 priority 150
standby 10 preempt
standby 10 ip 196.200.221.4
standby 10 track ethernet0/1
standby 11 ip 196.200.221.5
standby 11 track ethernet0/1
```

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