JORDY MORGAN EXPOSER Partie 1 :

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Donc tout d'abord nous avons reproduit le schéma ci-dessous :

Pour chaque switch nous avons créée des Vlan :

- Vlan 20
- Vlan 30
- Native 99



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🧶 Cisco Packet Tracer

File Edit Options Vi 🖬 💾 🖶 🗜 🛦 🕼 👔 🕇 🤤 🔍 🔍 📼 🔳 🤻 Switch1 _ × ? Ľ 🖾 이 🛯 🖾 📋 / 🖿 🗕 🧨 🖾 🏠 Physical Config CLI Attributes IOS Command Line Interface 14:54:30 Logical) Physical) × 1009. y odel humber. ws-cswitch-Fi System serial number: FHK0610Z0WC Cisco Internetwork Operating System Software IOS (tm) PT3000 Software (PT3000-F604L2-H), Version 12.1(22)EA4, RELEASE SOFTWARE (fc1) Copyright (c. 1986-2006 by cisco Systems, Inc. Compiled Fri 12-May-06 17:19 by pt_team Press RETURN to get started! \$LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up %LINK-5-CHANGED: Interface FastEthernet1/1, changed state to up LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernetl/1, changed state to up %LINK-5-CHANGED: Interface FastEthernet2/1, changed state to up LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/1, changed state to up Switch>enable Switchteconf t Enter configuration commands, one per line. End with CNTL/2. Switch(configuration) frame vlan_20 Switch(configuration) frame vlan_30 Switch(configuration) frame vlan_30 Switch(configuration) frame Native Switch(configuration) frame Native Switch(configuration) frame Sative Switch(configuration) frame Sative Switch(configuration) frame Time: 00:29:44()) 🛯 🦳 Simulat R 沟 🗐 🗃 🗲 🖬 👄 Ctrl+F6 to exit CLI focus Copy Paste 🗌 Тор 🗐 🖝 🥼 🚔 🎘 Automatically Choose Connect △) 16°C ^ Q 13:42 05/05/2022 Taper ici pour rechercher 🟫 🚺 💽 🖈 🍕 🗿 💌 📄 0 Ei ۲ . Ensuite nous avons relier (ouvert le flux) entres les deux interfaces des switches Afin qu'il puisse communiquer.





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Pour chaque appareil on a créé des adresse IP par rapport au Vlan qu'il leurs a été attribuer Vlan 20 l'adresse IP est 192.168.20.1 Vlan 30 l'adresse IP est 192.168.30.1

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Ensuite nous avons tester de localiser deux appareils qui provienne de deux switches différents qui ont le même Vlan grâce à la commande PING L'opération de localisation a été un succès



PARTIE 2

Pour la 2 partie nous avons reproduit le schéma ci-dessous :



Sur chaque switch on adresser une adresse IP à l'aide du routeur





nouveau masque de sous réseau.

On a ensuite exclu les 2 adresse switch (172.16.0.1 172.16.0.10) et (172.16.1.1 172.16.1.10) (DHCP pool NETI) On crée une nouvel adresse réseau pour le DHCP 172.16.0.0 Et on a créé un routeur par défaut avec un DHCP 1.1.1.1 On a créé un serveur DNS 8.8.8





Cette commande permet de relier des trams DHCP à l'adresse 1.1.1.1 en fonction de l'interface.

Ensuite nous avons adresse une IP automatiquement grâce au protocole DHCP

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SCHEMA 2 :



On a donné au serveur une adresses IP et un masque de sous réseaux et une passerelle par défaut qui correspond à l'interface Fa0/0.

On a sélectionné l'option DHCP dans le service du serveur. On configure un protocole de DHCP du nom de NET3 qui doit s'adapter en fonction de l'adresse IP de l'interface.

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On relais les trames DHCP à l'adresse 10.10.10.2 et grâce a cela l'adresse IP des ordinateurs est attribuer automatiquement grâce au protocole DHCP.

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