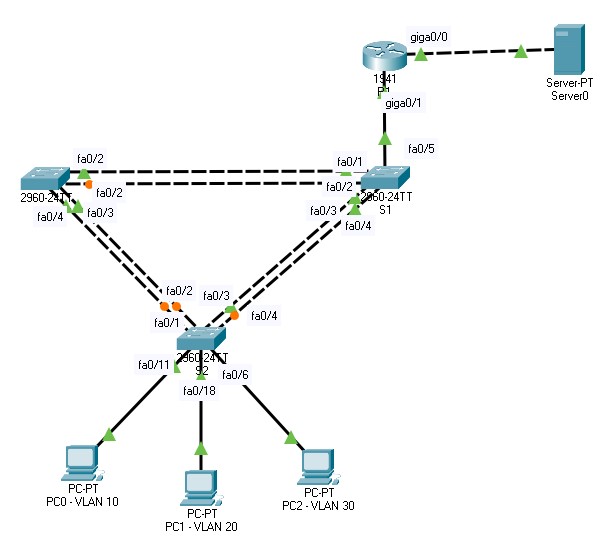
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| CURSO DE CYBER-SECURITY  **EXERCÍCIOS DE APLICAÇÃO – VLANS – VTP PROTOCOL** |  |
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**EXERCÍCIOS DE APLICAÇÃO – VTP PROTOCOL**





1. Constroi um cenário idêntico ao do diagrama acima.
2. Desative todas as portas dos switches.

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1. Efetue as seguintes configurações básicas:
   1. Hostname R1, S1, S2 e S3;
   2. Desativar o DNS Lookup;
   3. Configure a password do enable secret (Class)
   4. Configurar o acesso consola com a password cisco;

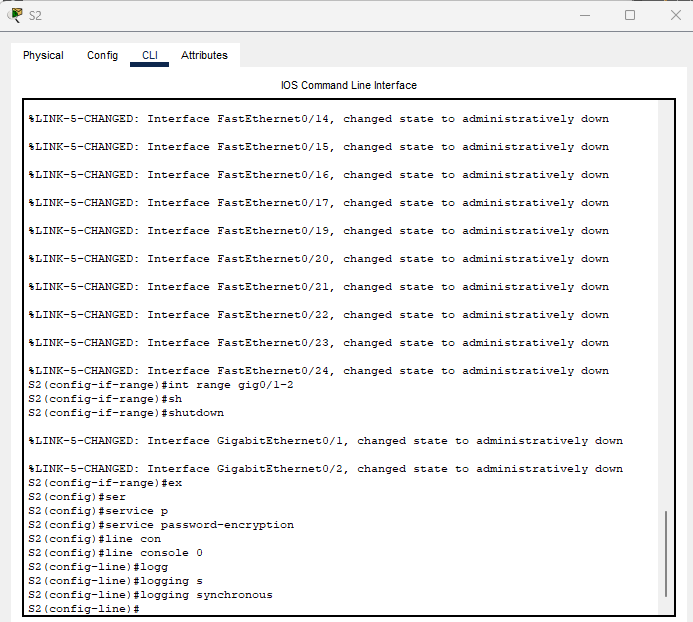
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1. Configure o protocolo VTP em todos os switches:
   1. S1 será o VTP server e o S2 e S3 o VTP clients;
   2. Dominio VTP será lab5;
   3. A password VTP será cisco;

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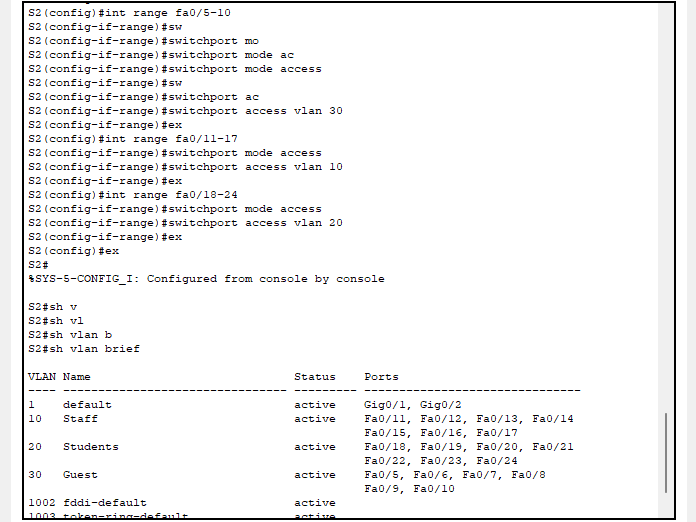
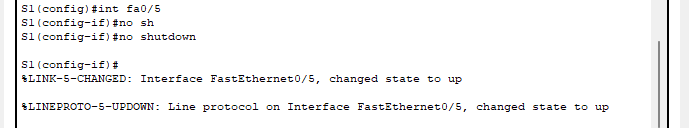
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1. Crie as seguintes VLANs no VTP server:

|  |  |  |
| --- | --- | --- |
| **Portas** | **Vlan** | **Network** |
| Fa0/5-10 | Vlan 30 – Guest | 172.17.30.0/24 |
| Fa0/11-17 | Vlan 10 – Staff | 172.17.10.0/24 |
| Fa0/18-24 | Vlan 20 - Students | 172.17.20.0/24 |

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1. Configure todas as portas nos modos de acesso ou trunk consoante o diagrama e adiciona-as às respetivas VLANs.   
     
     
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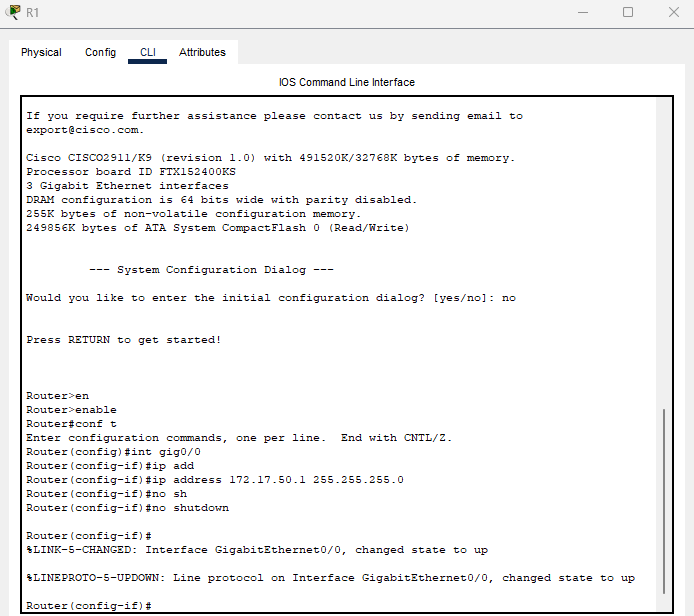
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2. Crie e configure todas as sub-interfaces necessárias no router e faça o encapsulamento de cada uma delas às suas VLANs. Utiliza o primeiro endereço de ip disponível na rede para cada uma das sub-interfaces.

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1. Configure a interface da LAN do servidor e atribui o último endereço da rede ao servidor (Usa a rede 172.17.50.0/24)   
     
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2. Configure o serviço DNS com o dominio lab5.pt e ative o serviço HTTP.   
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CURSO DE

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**EXERCÍ**

**CIOS DE APLICAÇÃO**

**–**

**VLANS**

**–**

**V**

**TP**

**PROTOCOL**



1. Configure o serviço DHCP no router para uma das VLANs. O DNS server deverá ser o servidor web.

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1. Teste o ping entre os terminais de cada uma das VLANs.

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