

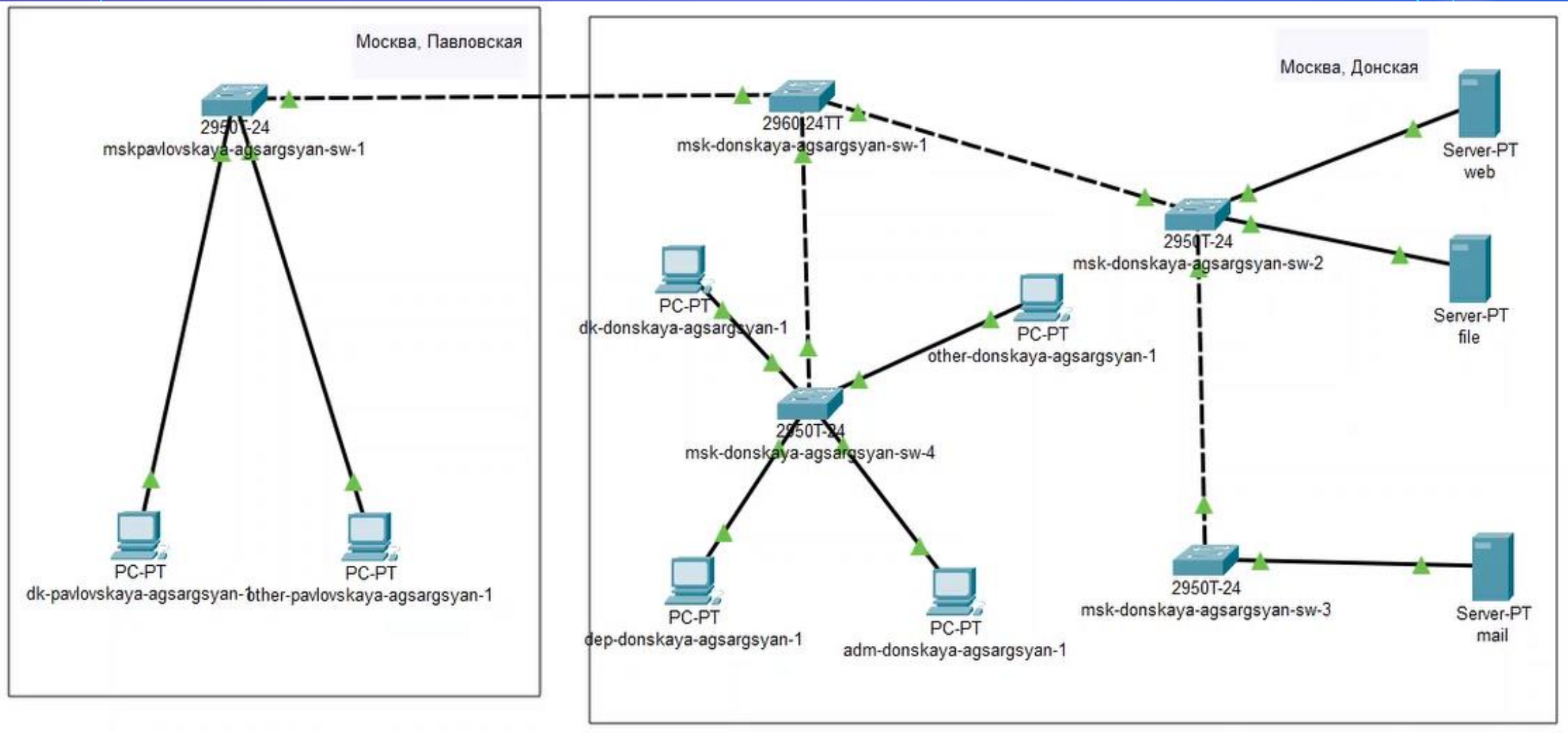
# Первоначальное конфигурирование сети

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## ЦЕЛЬ РАБОТЫ

Провести подготовительную работу по первоначальной настройке коммутаторов сети.



```
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname msk-donskaya-agarsargyan-sw-2
msk-donskaya-agarsargyan-sw-2(config)#interface vlan2
msk-donskaya-agarsargyan-sw-2(config-if)#no shutdown
msk-donskaya-agarsargyan-sw-2(config-if)#ip address 10.128.1.3 255.255.255.0
msk-donskaya-agarsargyan-sw-2(config-if)#exit
msk-donskaya-agarsargyan-sw-2(config)#
msk-donskaya-agarsargyan-sw-2(config)#ip default-gateway 10.128.1.1
msk-donskaya-agarsargyan-sw-2(config)#
msk-donskaya-agarsargyan-sw-2(config)#line vty 0 4
msk-donskaya-agarsargyan-sw-2(config-line)#password cisco
msk-donskaya-agarsargyan-sw-2(config-line)#login
msk-donskaya-agarsargyan-sw-2(config-line)#exit
msk-donskaya-agarsargyan-sw-2(config)#line console 0
msk-donskaya-agarsargyan-sw-2(config-line)#password cisco
msk-donskaya-agarsargyan-sw-2(config-line)#login
msk-donskaya-agarsargyan-sw-2(config-line)#exit
msk-donskaya-agarsargyan-sw-2(config)#enable secret cisco
msk-donskaya-agarsargyan-sw-2(config)#service password-encryption
msk-donskaya-agarsargyan-sw-2(config)#username admin privilege 1 secret cisco
msk-donskaya-agarsargyan-sw-2(config)#ip domain-name dons kaya.rudn.edu
msk-donskaya-agarsargyan-sw-2(config)#crypto key generate rsa
```



```
msk-donskaya-ag-sargsyan-sw-2 (config)#line console 0
msk-donskaya-ag-sargsyan-sw-2 (config-line)#password cisco
msk-donskaya-ag-sargsyan-sw-2 (config-line)#login
msk-donskaya-ag-sargsyan-sw-2 (config-line)#exit
msk-donskaya-ag-sargsyan-sw-2 (config)#enable secret cisco
msk-donskaya-ag-sargsyan-sw-2 (config)#service password-encryption
msk-donskaya-ag-sargsyan-sw-2 (config)#username admin privilege 1 secret cisco
msk-donskaya-ag-sargsyan-sw-2 (config)#ip domain-name dons-kaya.rudn.edu
msk-donskaya-ag-sargsyan-sw-2 (config)#crypto key generate rsa
The name for the keys will be: msk-donskaya-ag-sargsyan-sw-2.donskaya.rudn.edu
Choose the size of the key modulus in the range of 360 to 2048 for your
  General Purpose Keys. Choosing a key modulus greater than 512 may take
  a few minutes.
```

How many bits in the modulus [512]: 768

% Generating 768 bit RSA keys, keys will be non-exportable...[OK]

```
msk-donskaya-ag-sargsyan-sw-2 (config)#line vty 0 4
*Mar 1 0:23:14.537: %SSH-5-ENABLED: SSH 1.99 has been enabled
msk-donskaya-ag-sargsyan-sw-2 (config-line)#transport input ssh
msk-donskaya-ag-sargsyan-sw-2 (config-line)#exit
msk-donskaya-ag-sargsyan-sw-2 (config)#exit
msk-donskaya-ag-sargsyan-sw-2#
%SYS-5-CONFIG_I: Configured from console by console
```

```
msk-donskaya-ag-sargsyan-sw-2#write memory
Building configuration...
[OK]
```

```
msk-donskaya-ag-sargsyan-sw-2#
```

Активация Wi

Чтобы активирова

# ВЫВОД

1. Реализовали в Cisco Packet Tracer нужную топологию сети;
2. Провели первоначальную настройку коммутаторов;