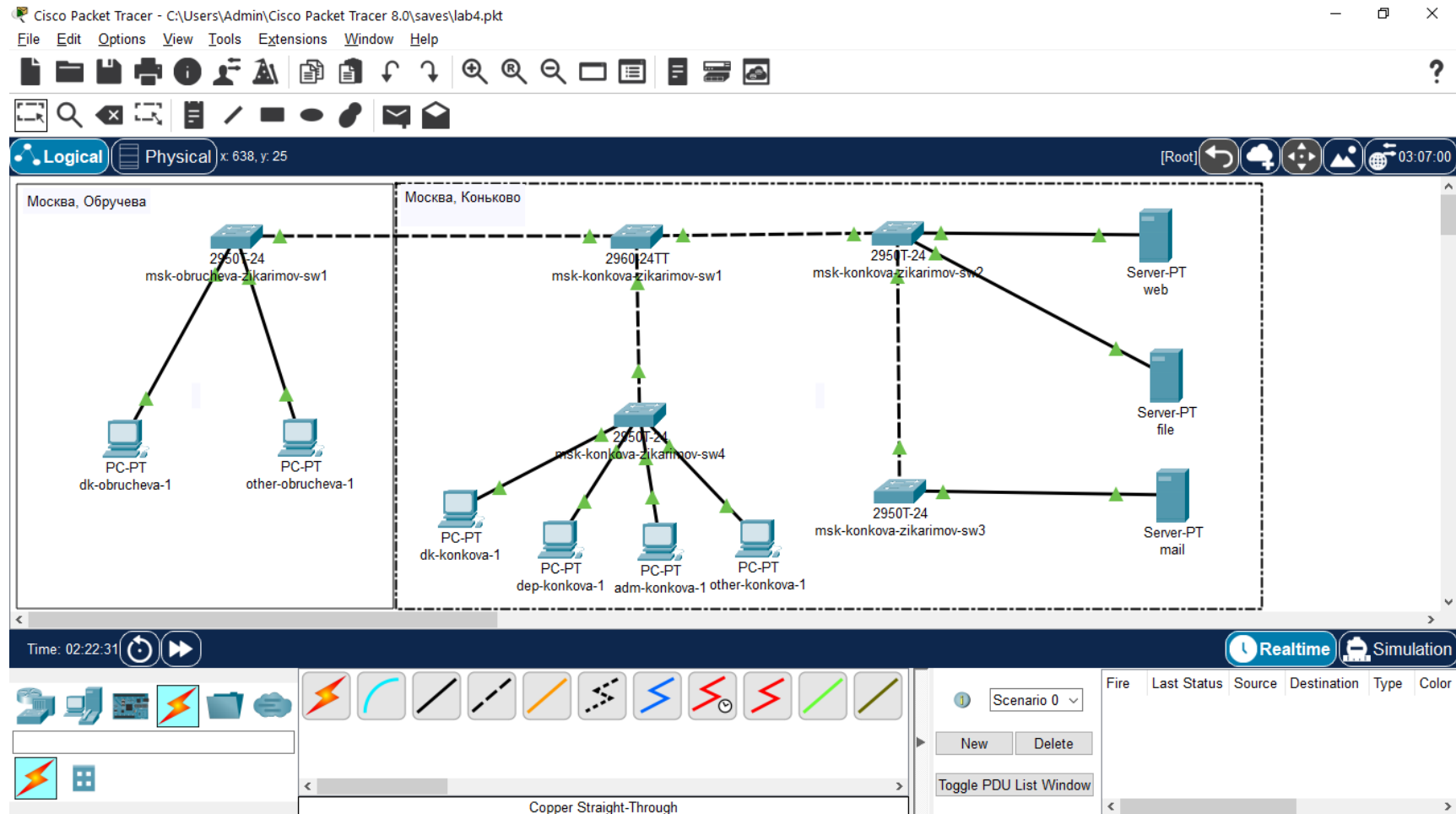


# **ПЕРВОНАЧАЛЬНОЕ КОНФИГУРИРОВАНИЕ СЕТИ**

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Группа: НПИ-01-18





```

Switch>en
Switch#conf t
Enter configuration commands, one per line. End with
CNTL/Z.
Switch(config)#hostname msk-konkova-zikarimov-sw1
msk-konkova-zikarimov-sw1(config)#int
msk-konkova-zikarimov-sw1(config)#interface vlan2
msk-konkova-zikarimov-sw1(config-if)#no shu
msk-konkova-zikarimov-sw1(config-if)#no shutdown
msk-konkova-zikarimov-sw1(config-if)#ip address 10.128.1.2
255.255.255.0
msk-konkova-zikarimov-sw1(config-if)#exit
msk-konkova-zikarimov-sw1(config)#ip defa
msk-konkova-zikarimov-sw1(config)#ip default-gateway
10.128.1.1
msk-konkova-zikarimov-sw1(config)#line vty 0 4
msk-konkova-zikarimov-sw1(config-line)#password cisco
msk-konkova-zikarimov-sw1(config-line)#login
msk-konkova-zikarimov-sw1(config-line)#exit
msk-konkova-zikarimov-sw1(config)#

```

Ctrl+F6 to exit CLI focus

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```

msk-konkova-zikarimov-sw1(config)#line console 0
msk-konkova-zikarimov-sw1(config-line)#password cisco
msk-konkova-zikarimov-sw1(config-line)#login
msk-konkova-zikarimov-sw1(config-line)#exit
msk-konkova-zikarimov-sw1(config)#

```

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```

msk-konkova-zikarimov-sw1#conf t
Enter configuration commands, one per line. End with
CNTL/Z.
msk-konkova-zikarimov-sw1(config)#enable secret cisco
msk-konkova-zikarimov-sw1(config)#service password-en
msk-konkova-zikarimov-sw1(config)#service password-
encryption
msk-konkova-zikarimov-sw1(config)#username admin priv
msk-konkova-zikarimov-sw1(config)#username admin privilege
1 secret cisco
msk-konkova-zikarimov-sw1(config)#ip domain-name
donskaya.rudn.edu

```

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```

msk-konkova-zikarimov-sw1(config)#crypto key generate rsa
The name for the keys will be: msk-konkova-zikarimov-
sw1.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]: 2048
% Generating 2048 bit RSA keys, keys will be non-
exportable...[OK]

```

```

msk-konkova-zikarimov-sw1(config)#line vty 0 4
*Mar 1 0:13:10.214: %SSH-5-ENABLED: SSH 1.99 has been
enabled
msk-konkova-zikarimov-sw1(config-line)#tran
msk-konkova-zikarimov-sw1(config-line)#transport input ssh
msk-konkova-zikarimov-sw1(config-line)#exit
msk-konkova-zikarimov-sw1(config)#

```

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```

Switch(config)#hostname msk-konkova-zikarimov-sw3
msk-konkova-zikarimov-sw3(config)#int vlan2
msk-konkova-zikarimov-sw3(config-if)#no st
msk-konkova-zikarimov-sw3(config-if)#no sh
msk-konkova-zikarimov-sw3(config-if)#no shutdown
msk-konkova-zikarimov-sw3(config-if)#ip address 10.128.1.4
255.255.255.0
msk-konkova-zikarimov-sw3(config-if)#exit
msk-konkova-zikarimov-sw3(config)#ip def
msk-konkova-zikarimov-sw3(config)#ip default-gateway
10.128.1.1
msk-konkova-zikarimov-sw3(config)#line vty 0 4
msk-konkova-zikarimov-sw3(config-line)#password cisco
msk-konkova-zikarimov-sw3(config-line)#login
msk-konkova-zikarimov-sw3(config-line)#exit
msk-konkova-zikarimov-sw3(config)#line con
msk-konkova-zikarimov-sw3(config)#line console 0
msk-konkova-zikarimov-sw3(config-line)#password cisco
msk-konkova-zikarimov-sw3(config-line)#login
msk-konkova-zikarimov-sw3(config-line)#exit
msk-konkova-zikarimov-sw3(config)#

```

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```

msk-konkova-zikarimov-sw3(config)#enable secret cisco
msk-konkova-zikarimov-sw3(config)#service password-
msk-konkova-zikarimov-sw3(config)#service password-
encryption
msk-konkova-zikarimov-sw3(config)##username admin
privilege 1 secret cisco
^
% Invalid input detected at '^' marker.
msk-konkova-zikarimov-sw3(config)#username admin privilege
1 secret cisco
msk-konkova-zikarimov-sw3(config)#ip domainname
donskaya.rudn.edu
^
% Invalid input detected at '^' marker.
msk-konkova-zikarimov-sw3(config)#ip domain-name
donskaya.rudn.edu
msk-konkova-zikarimov-sw3(config)#

```

Ctrl+F6 to exit CLI focus

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```

msk-konkova-zikarimov-sw3(config)#crypto key generate rsa
The name for the keys will be: msk-konkova-zikarimov-
sw3.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]: 2048

% Generating 2048 bit RSA keys, keys will be non-exportable...[OK]

```

msk-konkova-zikarimov-sw3(config)#line vty 0 4
*Mar 1 0:24:50.420: %SSH-5-ENABLED: SSH 1.99 has been
enabled
msk-konkova-zikarimov-sw3(config-line)#tran
msk-konkova-zikarimov-sw3(config-line)#transport input ssh
msk-konkova-zikarimov-sw3(config-line)#exit
msk-konkova-zikarimov-sw3(config)#

```

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dk-obrucheva-1

Physical Config Desktop Programming Attributes

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

Bluetooth

Global Settings

Display Name dk-obrucheva-1

Interfaces FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway

DNS Server

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway

DNS Server

Top

other-obrucheva-1

Physical Config Desktop Programming Attributes

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

Bluetooth

Global Settings

Display Name other-obrucheva-1

Interfaces FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway

DNS Server

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway

DNS Server

Top

dk-konkova-1

Physical Config Desktop Programming Attributes

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

Bluetooth

Global Settings

Display Name dk-konkova-1

Interfaces FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway

DNS Server

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway

DNS Server

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other-konkova-1

Physical **Config** Desktop Programming Attributes

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

Bluetooth

Global Settings

Display Name: other-konkova-1

Interfaces: FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway:

DNS Server:

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway:

DNS Server:

☐ Top

dep-konkova-1

Physical **Config** Desktop Programming Attributes

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

Bluetooth

Global Settings

Display Name: dep-konkova-1

Interfaces: FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway:

DNS Server:

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway:

DNS Server:

☐ Top

adm-konkova-1

Physical **Config** Desktop Programming Attributes

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

Bluetooth

Global Settings

Display Name: adm-konkova-1

Interfaces: FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway:

DNS Server:

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway:

DNS Server:

☐ Top

mail

Physical

Config

Services

Desktop

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Default Gateway

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Gateway/DNS IPv6

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FastEthernet0

Global Settings

Display Nameweb

Gateway/DNS IPv4

DHCP

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Default Gateway

DNS Server

Gateway/DNS IPv6

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Gateway/DNS IPv6

Automatic

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