

Настройка сетевых сервисов. DHCP

Лабораторная работа № 8

Шулуужук А. В.

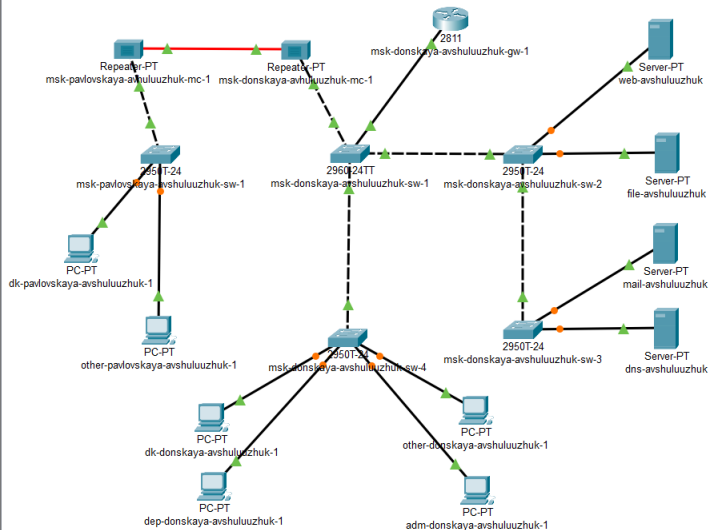
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Российский университет дружбы народов, Москва, Россия

Получить навыки работы с физической рабочей областью Packet Tracer, а также учесть физические параметры сети.

Выполнение лабораторной работы

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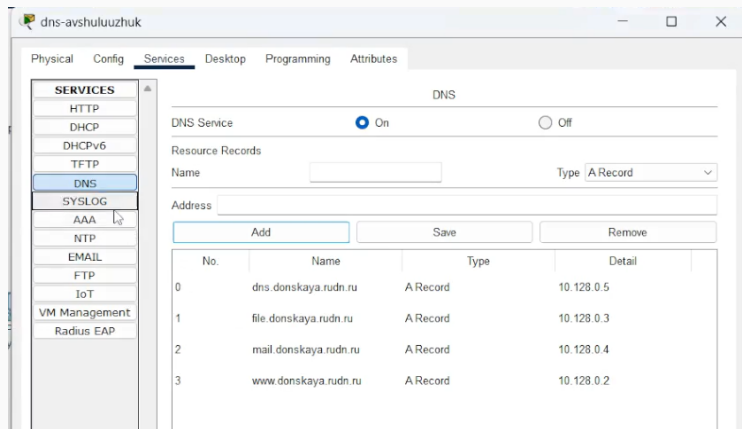
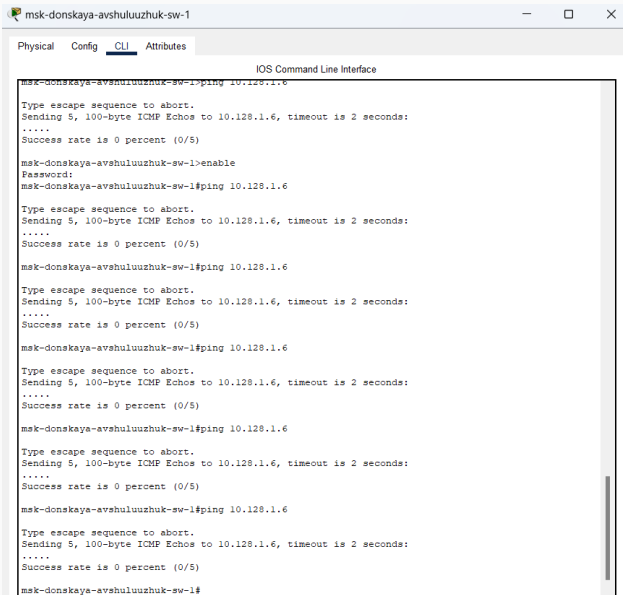


Рис. 2: настройка DNS

Выполнение лабораторной работы



The screenshot shows a terminal window titled "msk-donskaya-avshuluuzhuk-sw-1" with tabs for Physical, Config, CLI, and Attributes. The CLI tab is active, displaying the "IOS Command Line Interface". The user has entered the command "ping 10.128.1.6" multiple times. Each time, the output shows a success rate of 0 percent (0/5). The user then enters "enable" to enter privileged mode, followed by "password:" and then "ping 10.128.1.6" again, which also results in a 0 percent success rate. This sequence of commands and outputs is repeated several times.

```
msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1>enable
Password:
msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#
```

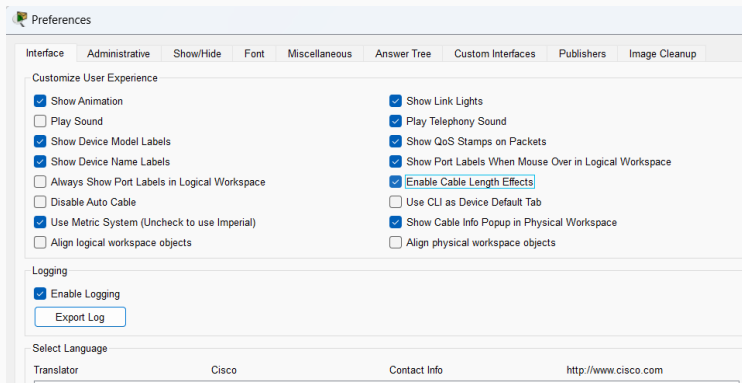
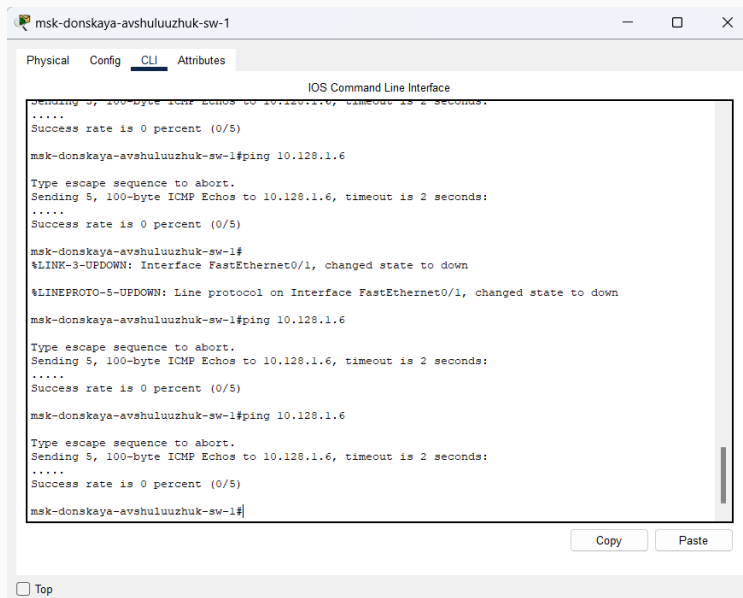


Рис. 4: настройка физических характеристик

Выполнение лабораторной работы



The screenshot shows a web-based interface for a network device named 'msk-donskaya-avshuluuzhuk-sw-1'. The 'CLI' tab is selected, displaying the IOS Command Line Interface. The output shows three failed ping attempts to 10.128.1.6, each with a 0% success rate. Additionally, it reports that the FastEthernet0/1 interface and its line protocol are in a down state. At the bottom, there are 'Copy' and 'Paste' buttons and a 'Top' link.

```
msk-donskaya-avshuluuzhuk-sw-1
Physical Config CLI Attributes
IOS Command Line Interface
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#
%LINK-3-UPDOWN: Interface FastEthernet0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down

msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

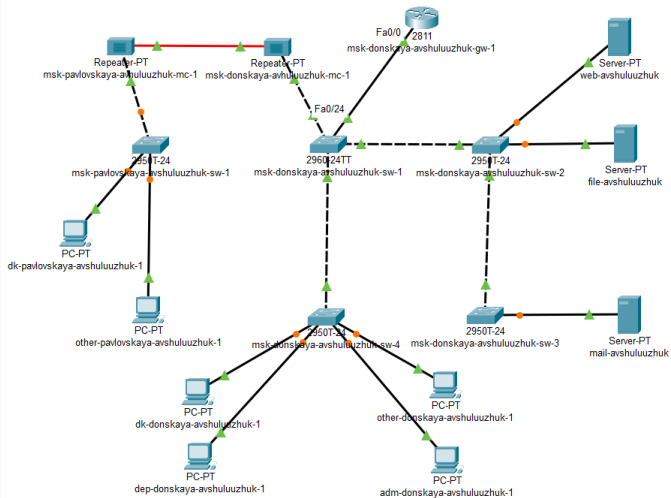
msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

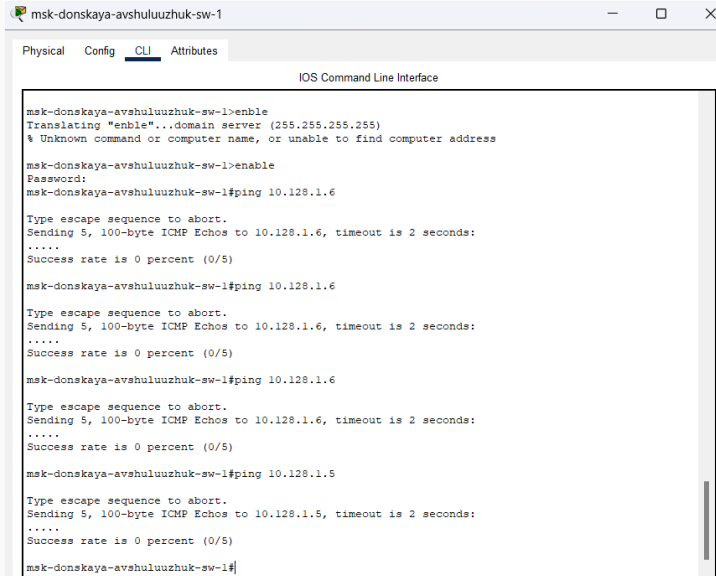
msk-donskaya-avshuluuzhuk-sw-1#
```

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Выполнение лабораторной работы



Выполнение лабораторной работы



The screenshot shows a web-based interface for a network device named 'msk-donskaya-avshuluuzhuk-sw-1'. The 'CLI' tab is selected, displaying the 'IOS Command Line Interface'. The user has entered the command 'enable' three times, each time receiving a password prompt. Following each 'enable' command, the user has entered a 'ping' command. The first two pings are to the address 10.128.1.6, and the third is to 10.128.1.5. All three ping attempts have failed, with the output indicating a 'Success rate is 0 percent (0/5)' and a 'Type escape sequence to abort.' message. The interface includes tabs for 'Physical', 'Config', 'CLI', and 'Attributes' at the top, and a scroll bar on the right side of the CLI window.

```
msk-donskaya-avshuluuzhuk-sw-1>enable
Translating "enable"...domain server (255.255.255.255)
% Unknown command or computer name, or unable to find computer address

msk-donskaya-avshuluuzhuk-sw-1>enable
Password:
msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.6

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.6, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#ping 10.128.1.5

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.128.1.5, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

msk-donskaya-avshuluuzhuk-sw-1#
```

Выводы

В результате выполнения лабораторной работы были получены навыки работы с физической рабочей областью Packet Tracer, а также учесть физические параметры сети.