

Предварительная настройка оборудования Cisco

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ЦЕЛЬ РАБОТЫ

Получить основные навыки по начальному конфигурированию оборудования Cisco.



```
msk-donskaya-gw-1(config-if)#line vty 0 4
msk-donskaya-gw-1(config-line)#password cisco
msk-donskaya-gw-1(config-line)#login
msk-donskaya-gw-1(config-line)#hostname msk-donskaya-agarsyan-gw-1
msk-donskaya-agarsyan-gw-1(config)#interface f0/0
msk-donskaya-agarsyan-gw-1(config-if)#no shutdown
msk-donskaya-agarsyan-gw-1(config-if)#ip address 192.168.1.254 255.255.255.0
msk-donskaya-agarsyan-gw-1(config-if)#line vty 0 4
msk-donskaya-agarsyan-gw-1(config-line)#password cisco
msk-donskaya-agarsyan-gw-1(config-line)#login
msk-donskaya-agarsyan-gw-1(config-line)#line console 0
msk-donskaya-agarsyan-gw-1(config-line)#password cisco
msk-donskaya-agarsyan-gw-1(config-line)#login
msk-donskaya-agarsyan-gw-1(config-line)#enable secret cisco
msk-donskaya-agarsyan-gw-1(config)#service password-encryption
msk-donskaya-agarsyan-gw-1(config)#username admin privilege 1 secret cisco
msk-donskaya-agarsyan-gw-1(config)#ip domain-name donskeya.rudn.edu
msk-donskaya-agarsyan-gw-1(config)#crypto key generate rsa
The name for the keys will be: msk-donskaya-agarsyan-gw-1.donskeya.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-agarsyan-gw-1(config)#line vty 0 4
*Mar 1 0:8:14.830: %SSH-5-ENABLED: SSH 1.99 has been enabled
msk-donskaya-agarsyan-gw-1(config-line)#transport input ssh
msk-donskaya-agarsyan-gw-1(config-line)#
```

Pinging 192.168.1.10 with 32 bytes of data:

Reply from 192.168.1.10: bytes=32 time<1ms TTL=128

Reply from 192.168.1.10: bytes=32 time=4ms TTL=128

Reply from 192.168.1.10: bytes=32 time=6ms TTL=128

Ping statistics for 192.168.1.10:

Packets: Sent = 3, Received = 3, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 6ms, Average = 3ms

Control-C

^C

C:\>ssh -l admin 192.168.1.254

Password:

msk-donskaya-agsargsyan-gw-1>exit

[Connection to 192.168.1.254 closed by foreign host]

C:\>telnet 192.168.1.254

Trying 192.168.1.254 ...Open

User Access Verification

Password:

msk-donskaya-agsargsyan-gw-1>

ВЫВОД

1. Сделали предварительную настройку маршрутизатора;
2. Сделали предварительную настройку коммутатора;