

**№6**

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VLAN .



. 1:

## IOS Command Line Interface

```
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname msk-donskaya-gw-1
msk-donskaya-gw-1(config)#lin
msk-donskaya-gw-1(config)#line vt
msk-donskaya-gw-1(config)#line vty 0 4
msk-donskaya-gw-1(config)#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)#lin
msk-donskaya-gw-1(config-line)#line
msk-donskaya-gw-1(config-line)#line con
msk-donskaya-gw-1(config-line)#line cons
msk-donskaya-gw-1(config-line)#cons
msk-donskaya-gw-1(config-line)#line console 0
msk-donskaya-gw-1(config-line)#password cisco
msk-donskaya-gw-1(config-line)#login
msk-donskaya-gw-1(config-line)#enable
msk-donskaya-gw-1(config-line)#enable s
msk-donskaya-gw-1(config-line)#exi
msk-donskaya-gw-1(config-line)#exit
msk-donskaya-gw-1(config)#ena
msk-donskaya-gw-1(config)#enable sec
msk-donskaya-gw-1(config)#enable secret cis
msk-donskaya-gw-1(config)#enable secret cisco
msk-donskaya-gw-1(config)#serv
msk-donskaya-gw-1(config)#service pass
msk-donskaya-gw-1(config)#service password-encryption
msk-donskaya-gw-1(config)#use
msk-donskaya-gw-1(config)#username admin pas
msk-donskaya-gw-1(config)#username admin pr
msk-donskaya-gw-1(config)#username admin privilege 1 secret cis
msk-donskaya-gw-1(config)#username admin privilege 1 secret cisco
msk-donskaya-gw-1(config)#ip domain
msk-donskaya-gw-1(config)#ip domain
```

```
msk-donskaya-sw-1 (config)#inte
msk-donskaya-sw-1 (config)#interface f0/24
msk-donskaya-sw-1 (config-if)#sw
msk-donskaya-sw-1 (config-if)#switchport mo
msk-donskaya-sw-1 (config-if)#switchport mode tr
msk-donskaya-sw-1 (config-if)#switchport mode trunk
msk-donskaya-sw-1 (config-if)#exi
msk-donskaya-sw-1 (config-if)#exit
msk-donskaya-sw-1 (config)#ex
msk-donskaya-sw-1 (config)#exit
msk-donskaya-sw-1#
%SYS-5-CONFIG_I: Configured from console by console
we
```

. 3:

msk-donskaya-gw-1

Physical

Config

CLI

Attributes

Physical Device View

Zoom In

Original Size

Zoom Out



MODULES

NM-1E

NM-1E2W

NM-1FE-FX

NM-1FE-TX

NM-1FE2W

NM-2E2W

NM-2FE2W

NM-2W

NM-4A/S

NM-4E

NM-8A/S

NM-8AM

NM-Cover

NM-ESW-161

HWIC-1GE-SFP

HWIC-2T

**HWIC-4ESW**

HWIC-8A

HWIC-AP-AG-B

WIC-1AM

```
msh-donskaya-gw-1 (config-if) #ex
msh-donskaya-gw-1 (config-if) #exit
msh-donskaya-gw-1 (config) #ex
msh-donskaya-gw-1 #
%SYS-5-CONFIG_I: Configured from console by console

msh-donskaya-gw-1 #wr mem
Building configuration...
[OK]
msh-donskaya-gw-1 #conf ter
Enter configuration commands, one per line.  End with CNTL/Z.
msh-donskaya-gw-1 (config) #interface f0/0.2
msh-donskaya-gw-1 (config-subif) #
%LINK-5-CHANGED: Interface FastEthernet0/0.2, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0.2, cha
to up

msh-donskaya-gw-1 (config-subif) #encapsulation dot1Q 2
msh-donskaya-gw-1 (config-subif) #ip address 10.128.1.1 255.255.255.0
msh-donskaya-gw-1 (config-subif) #description management
msh-donskaya-gw-1 (config-subif) #ex
msh-donskaya-gw-1 (config-subif) #exit
msh-donskaya-gw-1 (config) #interface f0/0.3
msh-donskaya-gw-1 (config-subif) #
%LINK-5-CHANGED: Interface FastEthernet0/0.3, changed state to up
```



```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.128.3.202

Pinging 10.128.3.202 with 32 bytes of data:

Reply from 10.128.3.202: bytes=32 time<1ms TTL=128
Reply from 10.128.3.202: bytes=32 time<1ms TTL=128
Reply from 10.128.3.202: bytes=32 time<1ms TTL=128
Reply from 10.128.3.202: bytes=32 time<1ms TTL=128

Ping statistics for 10.128.3.202:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 10.128.4.201

Pinging 10.128.4.201 with 32 bytes of data:

Request timed out.
Reply from 10.128.4.201: bytes=32 time<1ms TTL=127
Reply from 10.128.4.201: bytes=32 time<1ms TTL=127
Reply from 10.128.4.201: bytes=32 time<1ms TTL=127

Ping statistics for 10.128.4.201:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 10.128.4.201

Pinging 10.128.4.201 with 32 bytes of data:

Reply from 10.128.4.201: bytes=32 time<1ms TTL=127
Reply from 10.128.4.201: bytes=32 time<1ms TTL=127
```



