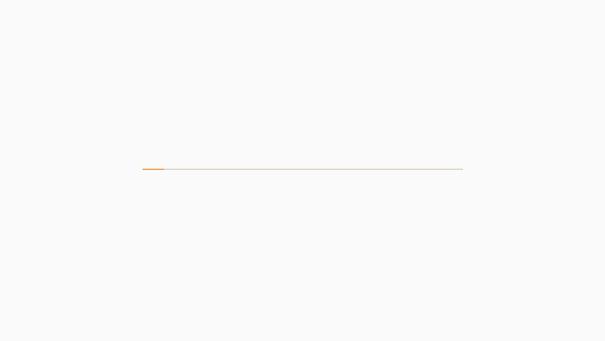
Nº5

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. .



• VLAN

```
msk-donskaya-sw-1>
msk-donskava-sw-1>ena
msk-donskava-sw-1>enable
msk-donskava-sw-1#conf
msk-donskava-sw-1#configure te
msk-donskava-sw-1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
msk-donskava-sw-1 (config) #int
msk-donskava-sw-1 (config) #interface g
msk-donskaya-sw-1 (config) #interface g0/
msk-donskaya-sw-1 (config) #interface g0/1
msk-donskava-sw-1(config-if) #switchport mode trunk
```

. 1:

- (. (fig:002?)).

```
Setting device VLAN database password to cisco
msk-donskava-sw-1 (config) #vlan 2
msk-donskava-sw-1 (config-vlan) #
%LINK-5-CHANGED: Interface Vlan2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan2, changed sta
msk-donskava-sw-1 (config-vlan) #name management
msk-donskaya-sw-1(config-vlan)##vlan 3
% Invalid input detected at '^' marker.
msk-donskava-sw-1(config-vlan)#vlan 3
msk-donskaya-sw-1 (config-vlan) #name servers
msk-donskava-sw-1 (config-vlan) #vlan 101
msk-donskaya-sw-1(config-vlan) #name dk
msk-donskava-sw-1 (config-vlan) #vlan 102
msk-donskaya-sw-1 (config-vlan) #name departaments
msk-donskaya-sw-1(config-vlan)#vlan 103
msk-donskava-sw-1(config-vlan)#name adm
msk-donskaya-sw-1 (config-vlan) #vlan 104
msk-donskava-sw-1 (config-vlan) #name other
msk-donskaya-sw-1 (config-vlan) #exi
msk-donskava-sw-1 (config-vlan) #exit
msk-donskava-sw-1 (config) #exi
msk-donskaya-sw-1 (config) #exit
msk-donskava-sw-1#
%SYS-5-CONFIG I: Configured from console by console
msk-donskava-sw-1#writ
msk-donskava-sw-1#write mem
msk-donskava-sw-l#write memory
Building configuration ...
[OK]
```

(. (fig:003?)).

```
msk-donskaya-sw-1#
%SYS-5-CONFIG I: Configured from console by console
msk-donskava-sw-1#wr
msk-donskaya-sw-1#write m
msk-donskava-sw-1#write memory
Building configuration ...
[OK]
msk-donskaya-sw-1#sh
msk-donskaya-sw-1#show vl
msk-donskava-sw-1#show vlan
VI.AN Name
                                       Status
                                                 Ports
     default
                                       active
                                                 Fa0/2, Fa0/3, Fa0/
                                                 Fa0/6, Fa0/7, Fa0/
                                                 Fa0/10, Fa0/11, Fa
                                                 Fa0/14, Fa0/15, Fa
                                                 Fa0/18, Fa0/19, Fa
                                                 Fa0/22, Fa0/23, Fa
     management
                                       active
                                       active
     servers
101
                                       active
    dk
102
   departaments
                                       active
103 adm
                                       active
104 other
                                       active
1002 fddi-default
                                       active
1003 token-ring-default
                                      active
1004 fddinet-default
                                       active
1005 trnet-default
                                      active
VLAN Type SAID
                            Parent RingNo BridgeNo Stp BrdgMode T
```

```
( . (fig:004?)).
```

```
msk-donskaya-sw-2(config) #vtp domain donskaya
Domain name already set to donskaya.
msk-donskaya-sw-2(config) #vtp mode client
Setting device to VTP CLIENT mode.
msk-donskaya-sw-2(config) #vtp domain donskaya
Domain name already set to donskaya.
msk-donskaya-sw-2(config) #exi
msk-donskaya-sw-2(config) #exit
msk-donskaya-sw-2;
msk-donskaya-sw-2;
msk-donskaya-sw-2;
msk-donskaya-sw-2;
msk-donskaya-sw-2;
msk-donskaya-sw-2;
msk-donskaya-sw-2;
msk-donskaya-sw-2;
msk-donskaya-sw-2;
```

. 4:

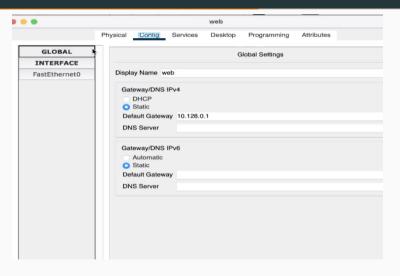
(. (fig:005?)).

```
I III A TUULIA KA VA TAWA HALIUW VI
msk-donskava-sw-4#show vlan
VLAN Name
                                      Status Ports
    default
                                      active Fa0/1, Fa0/2, Fa
                                                Fa0/5, Fa0/6, Fa
                                                Fa0/9, Fa0/10, F
                                                Fa0/13, Fa0/14,
                                                Fa0/17, Fa0/18,
                                                Fa0/21, Fa0/22,
     management
                                      active
     servers
                                      active
101 dk
                                      active
102 departaments
                                      active
103 adm
                                      active
104 other Y
                                      active
1002 fddi-default
                                      active
1003 token-ring-default
                                      active
1004 fddinet-default
                                      active
1005 trnet-default
                                      active
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode
```

(. (fig:006?)).

```
msk-donskaya-sw-4#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
msk-donskava-sw-4 (config) #int
msk-donskava-sw-4(config)#interface ran
msk-donskava-sw-4(config)#interface range f0/1 - 5
msk-donskaya-sw-4(config-if-range) #sw
msk-donskaya-sw-4(config-if-range) #switchport mo
msk-donskava-sw-4(config-if-range)#switchport mode ac
msk-donskava-sw-4(config-if-range) #switchport mode access v
msk-donskava-sw-4(config-if-range)#switchport mode access
msk-donskaya-sw-4(config-if-range) #sw
msk-donskaya-sw-4 (config-if-range) #switchport ac
msk-donskava-sw-4 (config-if-range) #switchport access vl
msk-donskava-sw-4(config-if-range) #switchport access vlan 101
msk-donskava-sw-4(config-if-range)#in
msk-donskaya-sw-4 (config-if-range) #inte
msk-donskava-sw-4(config-if-range)#ex
msk-donskaya-sw-4 (config-if-range) #exit
msk-donskava-sw-4(config)#inter
msk-donskava-sw-4(config)#interface ran
msk-donskava-sw-4(config) #interface range f0/6 - 10
msk-donskaya-sw-4(config-if-range) #sw
msk-donskava-sw-4(config-if-range)#switchport mo
msk-donskava-sw-4(config-if-range)#switchport mode acc
msk-donskava-sw-4(config-if-range)#switchport mode access
msk-donskava-sw-4(config-if-range) #sw
msk-donskaya-sw-4 (config-if-range) #switchport acc
msk-donskaya-sw-4(config-if-range) #switchport access v1
msk-donskaya-sw-4(config-if-range) #switchport access vlan 102
msk-donskava-sw-4(config-if-range)#inter
msk-donskava-sw-4(config-if-range) #interface
```

IP (. (fig:007?)).

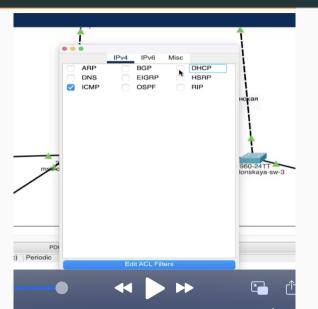


. 7:

. (fig:008?)).

```
.
                                dk-donskava-1
                  Physical
                         Config Desktop
                                       Programming
command Promot
Cisco Packet Tracer PC Command Line 1.0
C:\>ipconfig
FastEthernet0 Connection: (default port)
  Connection-specific DNS Suffix ..:
  Link-local IPv6 Address..... FE80::209:7CFF:FE65:
  IPv6 Address....: ::
  IPv4 Address..... 10.128.3.201
  Subnet Mask..... 255.255.255.0
  Default Gateway....: ::
                                10.128.3.1
Bluetooth Connection:
  Connection-specific DNS Suffix..:
  Link-local IPv6 Address.....: ::
  IPv6 Address....: ::
  IPv4 Address..... 0.0.0.0
  Subnet Mask....: 0.0.0.0
  Default Gateway....::::
                                0.0.0.0
C:\> ping 10.12$\(\bar{3}\).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
```

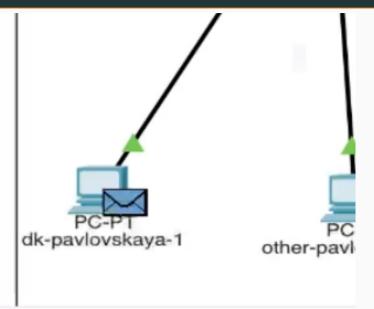
ICMP (. (fig:009?)).



. (fig:010?)). PC-PT dk-donskaya-1 Color Time(sec) Type

0.000

(. (fig:011?)).



(. (fig:012?)).



. 12: