

Vježba 6: Konzolni pristup i temeljna konfiguracija usmjernika

PRIPREMA ZA VJEŽBU

1. Koju ulogu ima NVRAM kod usmjernika?

NVRAM pohranjuje konfiguracijske datoteke koje se zadržavaju čak i kada je usmjernik isključen.

2. Koju ulogu ima RAM kod usmjernika?

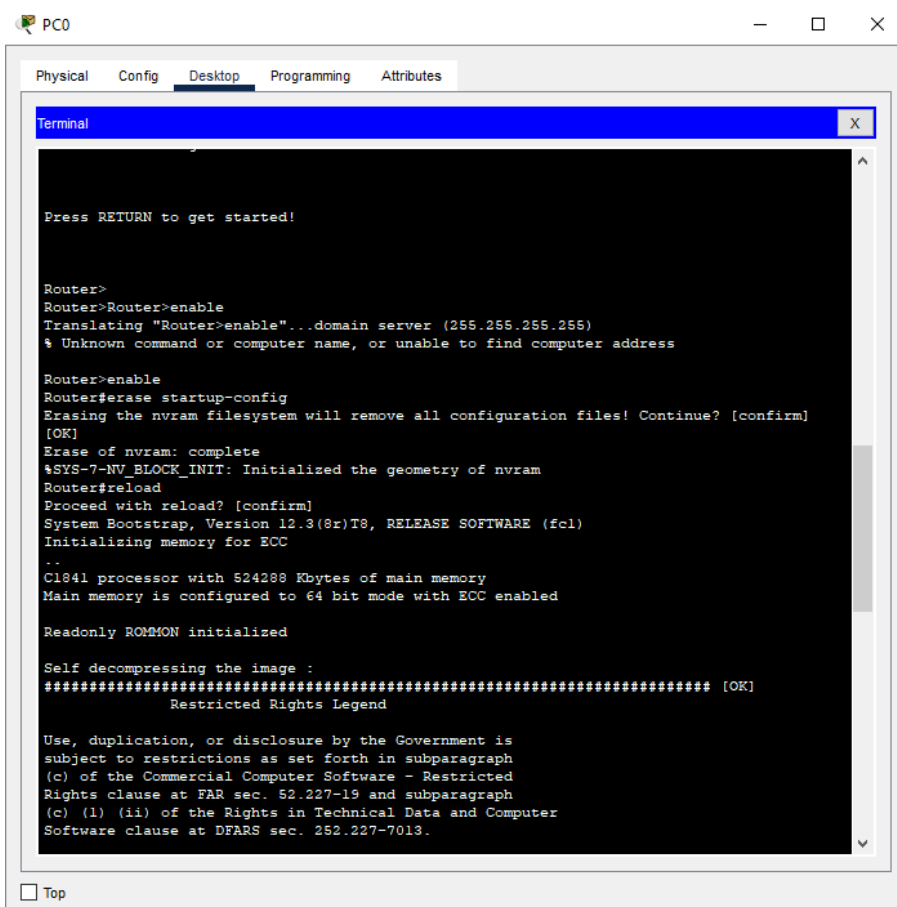
RAM pohranjuje trenutnu konfiguraciju i operativne podatke dok je usmjernik uključen.

3. Gdje je pohranjen operacijski sustav usmjernika, a gdje je pohranjen operacijski sustav osobnog računala?

Operacijski sustav usmjernika je pohranjen u flash memoriji, dok je operacijski sustav osobnog računala pohranjen na tvrdom disku ili SSD-u.

IZVOĐENJE VJEŽBE

1.



```
PC0
Physical Config Desktop Programming Attributes
Terminal
Press RETURN to get started!

Router>
Router>Router>enable
Translating "Router>enable"...domain server (255.255.255.255)
% Unknown command or computer name, or unable to find computer address

Router>enable
Router#erase startup-config
Erasing the nvram filesystem will remove all configuration files! Continue? [confirm]
[OK]
Erase of nvram: complete
%SYS-7-NV_BLOCK_INIT: Initialized the geometry of nvram
Router#reload
Proceed with reload? [confirm]
System Bootstrap, Version 12.3(8r)T8, RELEASE SOFTWARE (fc1)
Initializing memory for ECC
..
C1841 processor with 524288 Kbytes of main memory
Main memory is configured to 64 bit mode with ECC enabled

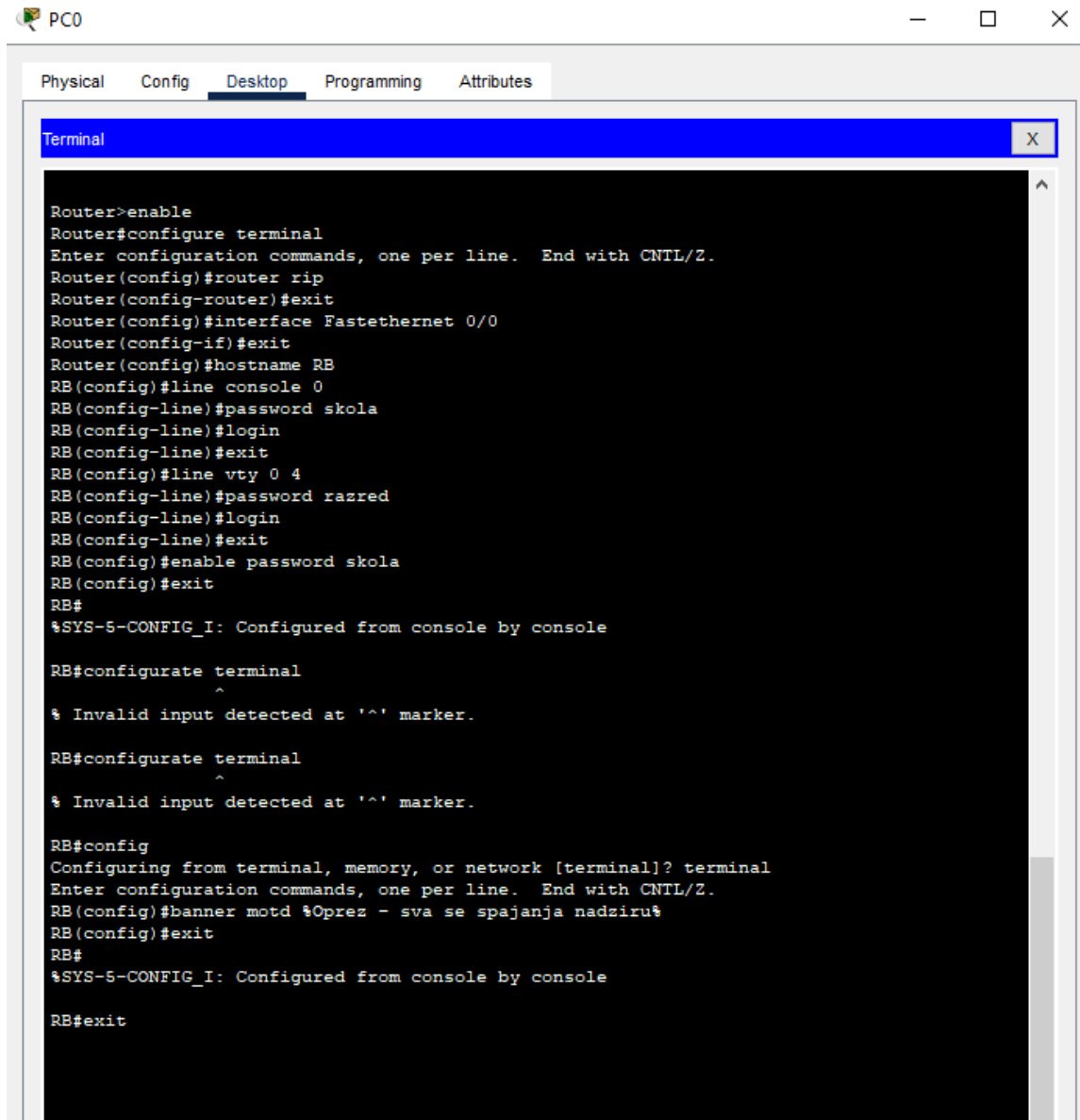
Readonly ROMMON initialized

Self decompressing the image :
##### [OK]
Restricted Rights Legend

Use, duplication, or disclosure by the Government is
subject to restrictions as set forth in subparagraph
(c) of the Commercial Computer Software - Restricted
Rights clause at FAR sec. 52.227-19 and subparagraph
(c) (1) (ii) of the Rights in Technical Data and Computer
Software clause at DFARS sec. 252.227-7013.

 Top
```

3.,4.,5.



```
PC0
Physical Config Desktop Programming Attributes
Terminal
Router>enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#exit
Router(config)#interface FastEthernet 0/0
Router(config-if)#exit
Router(config)#hostname RB
RB(config)#line console 0
RB(config-line)#password skola
RB(config-line)#login
RB(config-line)#exit
RB(config)#line vty 0 4
RB(config-line)#password razred
RB(config-line)#login
RB(config-line)#exit
RB(config)#enable password skola
RB(config)#exit
RB#
%SYS-5-CONFIG_I: Configured from console by console

RB#configure terminal
^
% Invalid input detected at '^' marker.

RB#configure terminal
^
% Invalid input detected at '^' marker.

RB#config
Configuring from terminal, memory, or network [terminal]? terminal
Enter configuration commands, one per line. End with CNTL/Z.
RB(config)#banner motd %Oprez - sva se spajanja nadziru%
RB(config)#exit
RB#
%SYS-5-CONFIG_I: Configured from console by console

RB#exit
```

```
Oprez - sva se spajanja nadziru

User Access Verification

Password:

RB>
```

6.

Funkcionira naredba

```
Oprez - sva se spajanja nadziru
User Access Verification
Password:
RB>nikoluka
Translating "nikoluka"
% Unknown command or computer name, or unable to find computer address
RB>
```

7.

```
RB#disable
RB>enable
Password:
RB#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
RB#show running-config
Building configuration...

Current configuration : 720 bytes
!
version 12.4
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname RB
!
!
!
enable password skola
!
!
!
!
!
no ip cef
no ipv6 cef
--More--
```

8.

```
Self decompressing the image :
##### [OK]
Restricted Rights Legend

Use, duplication, or disclosure by the Government is
subject to restrictions as set forth in subparagraph
(c) of the Commercial Computer Software - Restricted
Rights clause at FAR sec. 52.227-19 and subparagraph
(c) (1) (ii) of the Rights in Technical Data and Computer
Software clause at DFARS sec. 252.227-7013.

    cisco Systems, Inc.
    170 West Tasman Drive
    San Jose, California 95134-1706

Cisco IOS Software, 1841 Software (C1841-ADVIPSERVICESK9-M), Version 12.4(15)T1, RELEASE
SOFTWARE (fc2)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2007 by Cisco Systems, Inc.
Compiled Wed 18-Jul-07 04:52 by pt_team
Image text-base: 0x60080608, data-base: 0x6270CD50

This product contains cryptographic features and is subject to United
States and local country laws governing import, export, transfer and
use. Delivery of Cisco cryptographic products does not imply
third-party authority to import, export, distribute or use encryption.
Importers, exporters, distributors and users are responsible for
compliance with U.S. and local country laws. By using this product you
agree to comply with applicable laws and regulations. If you are unable
to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:
http://www.cisco.com/wwl/export/crypto/tool/stqrg.html

If you require further assistance please contact us by sending email to
export@cisco.com.

Cisco 1841 (revision 5.0) with 114688K/16384K bytes of memory.
Processor board ID FTX0947Z18E
M860 processor: part number 0, mask 49
2 FastEthernet/IEEE 802.3 interface(s)
191K bytes of NVRAM.
63488K bytes of ATA CompactFlash (Read/Write)
Cisco IOS Software, 1841 Software (C1841-ADVIPSERVICESK9-M), Version 12.4(15)T1, RELEASE
SOFTWARE (fc2)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2007 by Cisco Systems, Inc.
Compiled Wed 18-Jul-07 04:52 by pt_team

Press RETURN to get started!

Oprez - sva se spajanja nadziru

User Access Verification

Password:
```

Podaci su sačuvani