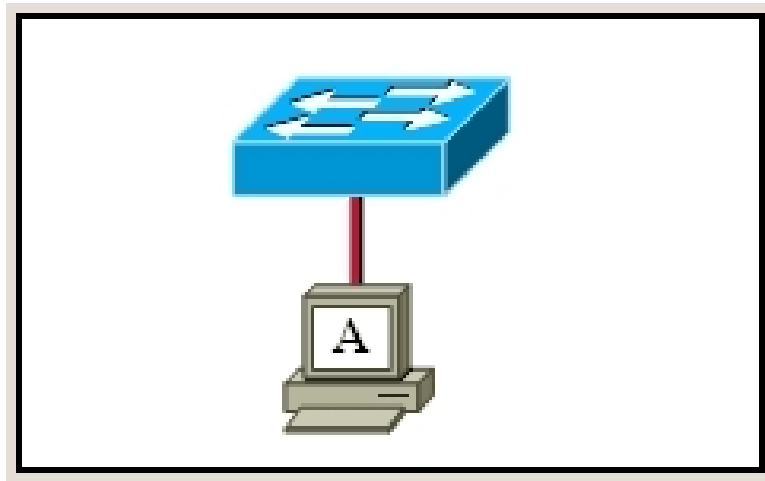


BASIC CONFIGURATION CISCO SWITCH



```
switch#show running-config ( prikaz trenutne konfiguracije )
switch#show startup-config ( prikaz startne konfiguracije )
switch#configure terminal ( ulaz u global config mode )
switch (config)#hostname SW1 ( postavljanje imena switcha SW1 )
SW1#exit

SW1#configure terminal ( ulaz u global config mode )

SW1(config)#line console 0 ( ulaz u config mode console )
SW1(config-line)#line console 0 ( ulaz u config mode console )
SW1(config-line)#password cisco ( postavljanje passw. cisco za ulaz preko console )
SW1(config-line)#login ( prihvaćanje passw. cisco za ulaz preko console )

SW1(config-line)#line vty 0 15 ( ulaz u config mode vty - telnet )
SW1(config-line)#password cisco ( postavljanje passw. cisco za ulaz preko telnet )
SW1(config-line)#login ( prihvaćanje passw. cisco za ulaz preko telnet )

SW1(config-line)#exit ( prelaz iz line config moda u global config mode )

SW1(config)#enable password cisco ( aktiviranje passworda cisco na switchu )
SW1(config)#enable secret class ( aktiviranje enkripcije passworda class na switchu )

SW1(config)#interface vlan 1 ( ulazak u config mode interface VLAN1 )
SW1(config-if)#ip address 192.168.1.2 255.255.255.0 ( postavljanje IP adrese za VLAN1 )
SW1(config-if)#no shutdown
SW1(config-if)#exit

SW1(config)#ip default-gateway 192.168.1.1 ( postavljanje default gateway-a za VLAN1 )
SW1(config-if)#exit

SW1#show interface vlan 1 ( prikaz interfeaca u VLAN 1 )
SW1#copy running-config startup-config ( spremanje trenutne konfiguracije u NVRAM )
SW1#show running-config ( prikaz trenutne konfiguracije )
```

switch# **show running-config** (prikaz konfiguracije)

Building configuration...

Current configuration : 866 bytes

!

version 12.1

no service single-slot-reload-enable

no service pad

service timestamps debug uptime

service timestamps log uptime

no service password-encryption

!

hostname switch

!

ip subnet-zero

!

spanning-tree extend system-id

!

interface FastEthernet0/1

switchport mode dynamic desirable

!

interface FastEthernet0/2

switchport mode dynamic desirable

!

interface FastEthernet0/3

switchport mode dynamic desirable

!

interface FastEthernet0/4

switchport mode dynamic desirable

!

interface Vlan1

no ip address

!

ip http server

!

line con 0

line vty 0 15

login

!

end

switch# **config terminal** (ulazak u global terminal mode)

switch(config)# **hostname SW1** (postavljanje imena za uređaj)

SW1#

SW1# **show version** (prikaz verzije IOS-a)

Cisco Internetwork Operating System Software

IOS (tm) C3550 Software (C3550-I5Q3L2-M), Version 12.1(14)EA1a, RELEASE SOFTWARE (fc1)

Copyright (c) 1986-2003 by cisco Systems, Inc.

Compiled Tue 02-Sep-03 04:08 by antonino

Image text-base: 0x00003000, data-base: 0x007E660C

ROM: Bootstrap program is C3550 boot loader

Switch uptime is 26 minutes

System returned to ROM by power-on

System image file is "flash:/c3550-i5q3l2-mz.121-14.EA1a.bin"

cisco WS-C3550-24 (PowerPC) processor (revision J0) with 65526K/8192K bytes of memory.

Processor board ID CAT0731Y0GQ

Last reset from warm-reset

Bridging software.
Running Layer2/3 Switching Image

Ethernet-controller 1 has 10 Fast Ethernet/IEEE 802.3 interfaces

10 FastEthernet/IEEE 802.3 interface(s)

The password-recovery mechanism is enabled.
384K bytes of flash-simulated non-volatile configuration memory.
Base ethernet MAC Address: 00:0D:BD:25:5F:80
Motherboard assembly number: 73-5700-10
Power supply part number: 34-0966-03
Motherboard serial number: CAT07300FJF
Power supply serial number: DTH07280J7T
Model revision number: J0
Motherboard revision number: A0
Model number: WS-C3550-24-SMI
System serial number: CAT0731Y0GQ
Configuration register is 0x10F

SW1#

SW1#**show interfaces** (prikaz svih interface na switchu)

FastEthernet0/1 is up, line protocol is up

Hardware is Fast Ethernet, address is 00b0.1011.0bb8 (bia 00b0.1011.0bb8)
MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec,
reliability 255/255, txload 1/255, rxload 1/255
Encapsulation ARPA, loopback not set
Keepalive set (10 sec)
Auto-negotiate, Auto-speed
input flow-control is off, output flow-control is off
ARP type: ARPA, ARP Timeout 04:00:00
Last input never, output 1w6d, output hang never
Last clearing of "show interface" counters never
Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops: 0
Queueing strategy: fifo
Output queue :0/40 (size/max)
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
1 packets input, 64 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants, 0 throttles
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
0 watchdog, 0 multicast, 0 pause input
0 input packets with dribble condition detected
1 packets output, 64 bytes, 0 underruns
0 output errors, 0 collisions, 3 interface resets
0 babbles, 0 late collision, 0 deferred
0 lost carrier, 0 no carrier, 0 PAUSE output
0 output buffer failures, 0 output buffers swapped out

FastEthernet0/2 is up, line protocol is up

Hardware is Fast Ethernet, address is 00b0.1012.3528 (bia 00b0.1012.3528)
MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec,
reliability 255/255, txload 1/255, rxload 1/255
Encapsulation ARPA, loopback not set
Keepalive set (10 sec)
Auto-negotiate, Auto-speed

input flow-control is off, output flow-control is off

```
ARP type: ARPA, ARP Timeout 04:00:00
Last input never, output 1w6d, output hang never
Last clearing of "show interface" counters never
Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops: 0
Queueing strategy: fifo
Output queue :0/40 (size/max)
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
1 packets input, 64 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants, 0 throttles
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
0 watchdog, 0 multicast, 0 pause input
0 input packets with dribble condition detected
1 packets output, 64 bytes, 0 underruns
0 output errors, 0 collisions, 3 interface resets
0 babbles, 0 late collision, 0 deferred
0 lost carrier, 0 no carrier, 0 PAUSE output
0 output buffer failures, 0 output buffers swapped out
```

```
SW1#
SW1#copy running-config startup-config ( spremanje trenutne konfiguracije )
Destination filename [startup-config]?
Building configuration...
[OK]
SW1#
SW1#show vlan ( prikaz VLAN-ova )
```

VLAN Name Status Ports

```
-----
1 default ( VLAN 1 ) active Fa0/1, Fa0/2, Fa0/3, Fa0/4
Fa0/5, Fa0/6, Fa0/7, Fa0/8
Fa0/9, Fa0/10
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 Trans1 Trans2

```
-----
1 enet 100001 1500 - - - - 0 0
1002 fddi 101002 1500 - - - - 0 0
1003 tr 101003 1500 - - - - 0 0
1004 fdnet 101004 1500 - - - ieee - 0 0
1005 trnet 101005 1500 - - - ibm - 0 0
```

Remote SPAN VLANs

Primary Secondary Type Ports

```
-----
SW1#
SW1#configure terminal
SW1(config)#line console 0 ( ulaz u console mode )
SW1(config-line)#password cisco ( postavljanje cisco passw. Za ulaz u user mode switch a )
SW1(config-line)#login ( potvrda postavljene lozinke )
SW1(config-line)#line vty 0 15 ( ulaz u Telnet mode za postavu lozinke )
SW1(config-line)#password class ( postava lozineke class )
SW1(config-line)#login ( potvrda postavljene lozinke )
```

SW1(config-line)#**exit** (izlaz iz line moda)

SW1(config)#**exit**

SW1#**copy running-config startup-config** (snimanje trenutne konfiguracije)

Destination filename [startup-config]?

Building configuration...

[OK]

SW1#

SW1#**configure terminal** (ulaz u globalni konfiguracijski mod)

SW1(config)#**interface vlan 1** (ulaz u konfig. Mod VLAN 1)

SW1(config-if)#**no shutdown** (aktiviranje porta FA0/1)

SW1(config-if)# **ip address 192.168.1.5 255.255.255.0** (postavljanje IP adrese za VLAN 1)

SW1(config-if)#**exit**

SW1(config)#**ip default-gateway 192.168.1.1** (postavljanje defaultnog gateway-a)

SW1(config)#

SW1(config)#**interface fa0/1** (ulaz u konfig mode porta FA0/1)

SW1(config-if)#**speed 100** (postavljanje brzine bandwitha)

SW1(config-if)#