

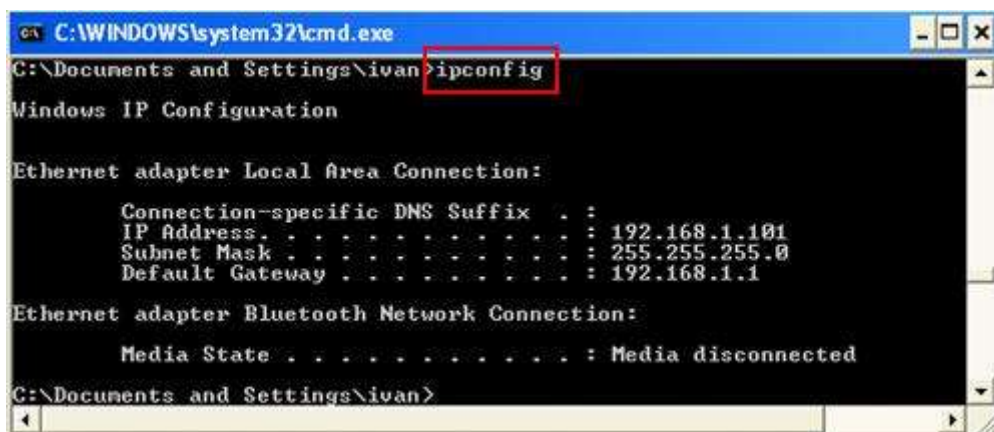
Adrese računala na Internetu

Spajanjem na Internet, svako računalo dobiva svoju adresu. Kada sva računala spojena na Internet (i klijenti i serveri) ne bi imala adresu, tada razmjena podataka, primanje i slanje, ne bi bila moguće, jer routeri ne bi znali kamo slati podatke.

Adresa računala na Internetu zove se IP adresa. (IP- Internet Protocol)

Sastoji se od 32-bitnog broja npr. **11000000 10101000 00000001 00100111** odnosno, prevedeno u dekadski sustav, adresa se sastoji od četiri dekadski broja vrijednosti od 0-255, odvojena točkama: **192.168.1.39**

Da biste saznali svoju IP adresu, otvorite Command Prompt (Start-All Programs (svi programi)- Accessories (pomagala)) i utipkajte naredbu IPCONFIG i Enter.



```
C:\WINDOWS\system32\cmd.exe
C:\Documents and Settings\ivan>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

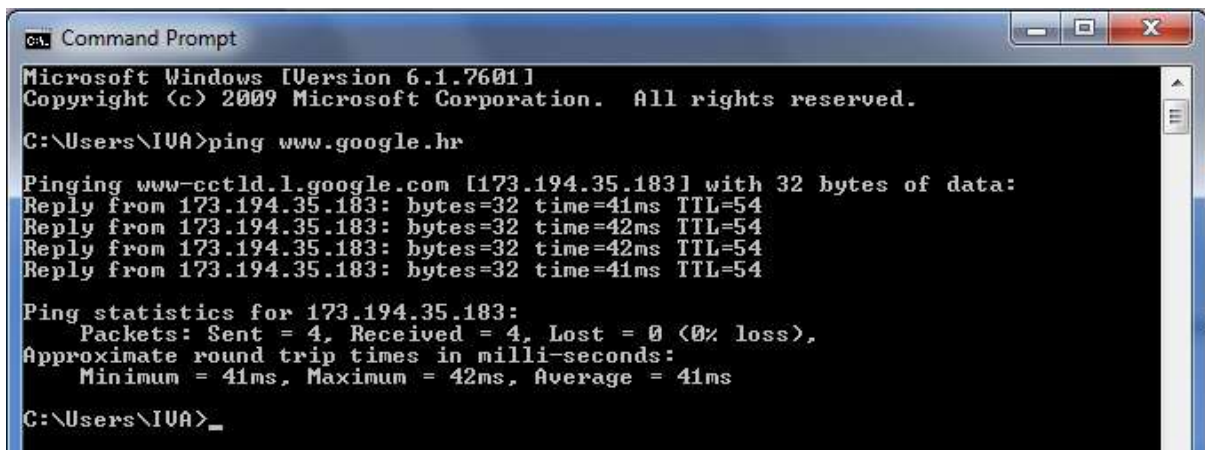
    Connection-specific DNS Suffix  . : 
    IP Address. . . . .               : 192.168.1.101
    Subnet Mask . . . . .            : 255.255.255.0
    Default Gateway . . . . .        : 192.168.1.1

Ethernet adapter Bluetooth Network Connection:

    Media State . . . . .            : Media disconnected

C:\Documents and Settings\ivan>
```

Da biste saznali IP adresu nekog web servera u Command Prompt napišete naredbu **ping adresa**, kao na slici ispod.



```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\IVA>ping www.google.hr

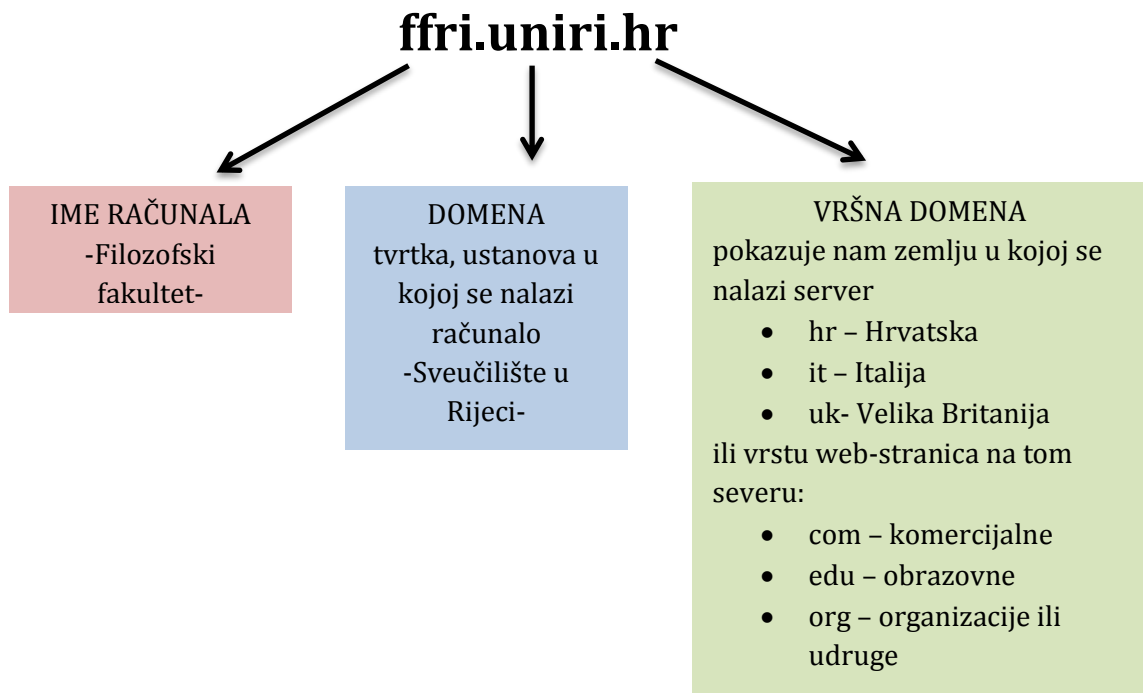
Pinging www-cctld.l.google.com [173.194.35.183] with 32 bytes of data:
Reply from 173.194.35.183: bytes=32 time=41ms TTL=54
Reply from 173.194.35.183: bytes=32 time=42ms TTL=54
Reply from 173.194.35.183: bytes=32 time=42ms TTL=54
Reply from 173.194.35.183: bytes=32 time=41ms TTL=54

Ping statistics for 173.194.35.183:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 41ms, Maximum = 42ms, Average = 41ms

C:\Users\IVA>
```

No kako su brojčane adrese računala teško pamtljive i nepraktične, svakom serveru se dodjeljuje **simboličko ime** (npr. www.monitor.hr). Sustav koji upravlja IP i simboličkim adresama se naziva DNS sustav (Domain Name System).

Simbolička adresa servera se sastoji od nekoliko dijelova, pr.:



Adrese resursa

Pogledajmo od čega se sastoji adresa neke datoteke na Internetu:

