

- Apache/Tomcat

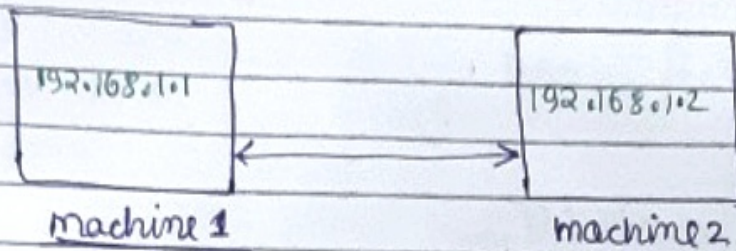
- Gateway  
country level.

- IP Address

- Port

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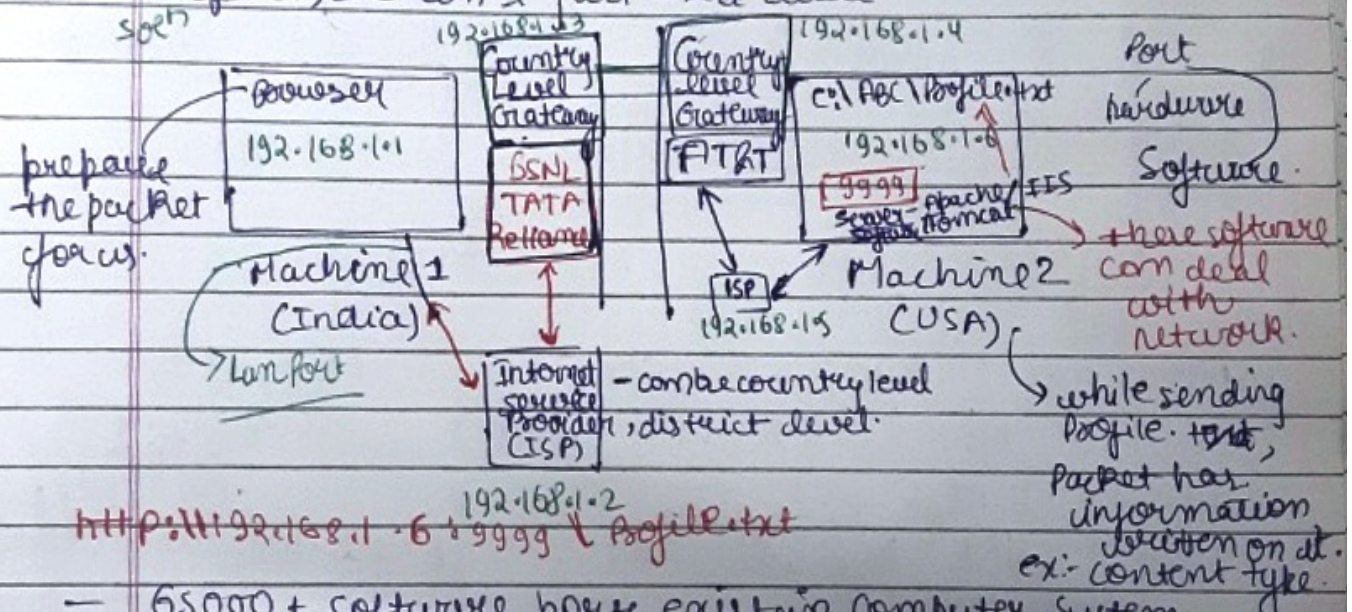
WIP



\\192.168.1.2\c\$

to connect to C: folder of another machine, connected in same network. (locally)

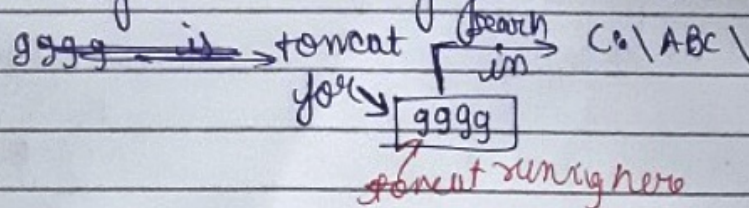
- but it poses a problem when machines are continent apart, we can't just use a cable.



http://192.168.1.6:9999/profile.txt

- 65000+ software ports exist in computer system. initial 1024 ports are reserved

- Some software are configured, to search for certain file





main web docs



Ritwick day - live server → look more about it  
what is extension? How does it work. What are plugins?  
→ Revise the Networking / OS? What are sockets?

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Domain registrar :-

→ Agents ICAAN

→ goDaddy

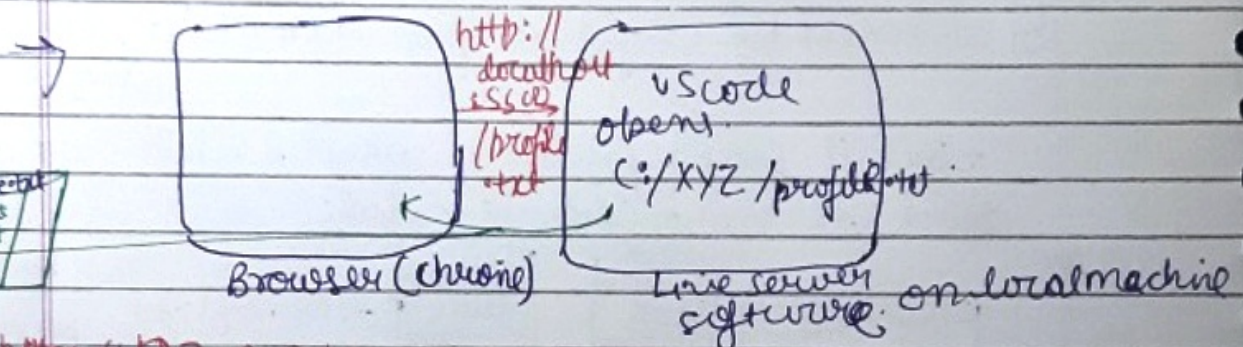
DNS :- domain name

Service provider

domain\_name: ip,

mapping

→ most of the time ISP eventually DNS



http://127.0.0.1:5500/Profile.txt

localhost

on local machine

http://localhost:5500/Profile.txt

Metadata: To: 127.0.0.1:5500

From: 127.0.0.1: <random>

FS → refresh

Cache may be displayed

ctrl + F5 → hard

refresh

cache is cleared

(uniform resource Identifier) URI: profile.txt

URL: http://localhost:5500/profile.txt

open developer options

again send get request

Headers → Response Headers  
Request Headers

user-agent :- which engine used

Accept language :- browser tells server which language it prefers  
en-us



• pdf → origin

What's stopping other browsers from supporting plugins?  
See developer options in brave.

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html-parser - utility in browser, to understand html code

W3C J-manages html.  
W3C

<!-- -->

<h1> AB </h1> -> automatic br } 2 br, 1 is implicit  
<br> } and others one we provide

<Maheeh> ABCD </Maheeh> -> html-parser just put it  
(consider as container) as a plain text in chrome.

this is a problem, b/c chrome thinks its using different  
html-parser than the ~~one~~ version in html code.

HTML  
cross-browser issue -> tags - browser compatibility

1. Networking Basics

2. IP address 3. Router 4. Country level gateways.

5. ISPs 6. PORT 7. Apache/Tomcat 8. DNS

9. Live server