9 Publishing Your Site To Web

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1. Publishing process

- Once your website is designed and built, you want to make it available for everybody online ie. *Publish it to web.*

1. Get hosting service

2. Get a domain name.

3. Copy your files to the hosting service.

4. Configure your web host's DNS to point to your domain name.

2. Hosting

- Rented file space on a hosting company's web server.

- Costs some money.

- You upload the files to the web server and the server serves them to web users upon request.

- Other services often provided by hosting:
  - Email
  - Tools and applications

2. Hosting

- When choosing your hosting service, consider…
    - …operating system.
    - …monthly uptime.
    - …cost.
    - …physical location.
    - …support.
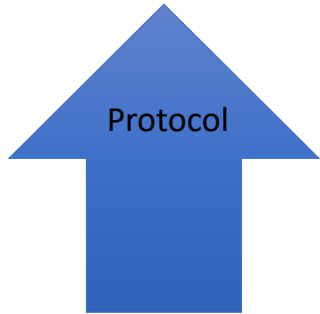   - …scalability.

3. Domain name

- Your website's **<u>unique</u>** address.

- Can be rented for a specific timeframe from a domain registrar (verkkotunnusvälittäjä).

- Consists of a name and a top level domain (TLD) or a country code top level domain (ccTLD).

Website Domain	Name	Subdomain	TLD	ccTLD
yahoo.com	yahoo		.com	
mail.yahoo.com	yahoo	mail	.com	
yle.fi	yle			.fi

3. Domain name

http://www.google.com

Protocol

Subdomain   Domain Name   TLD

Root Domain

DNS
Domain Name System

- Avoid numbers.
- Avoid special characters.
- No spaces.

4. Hosting + Files + Domain name

House = Hosting
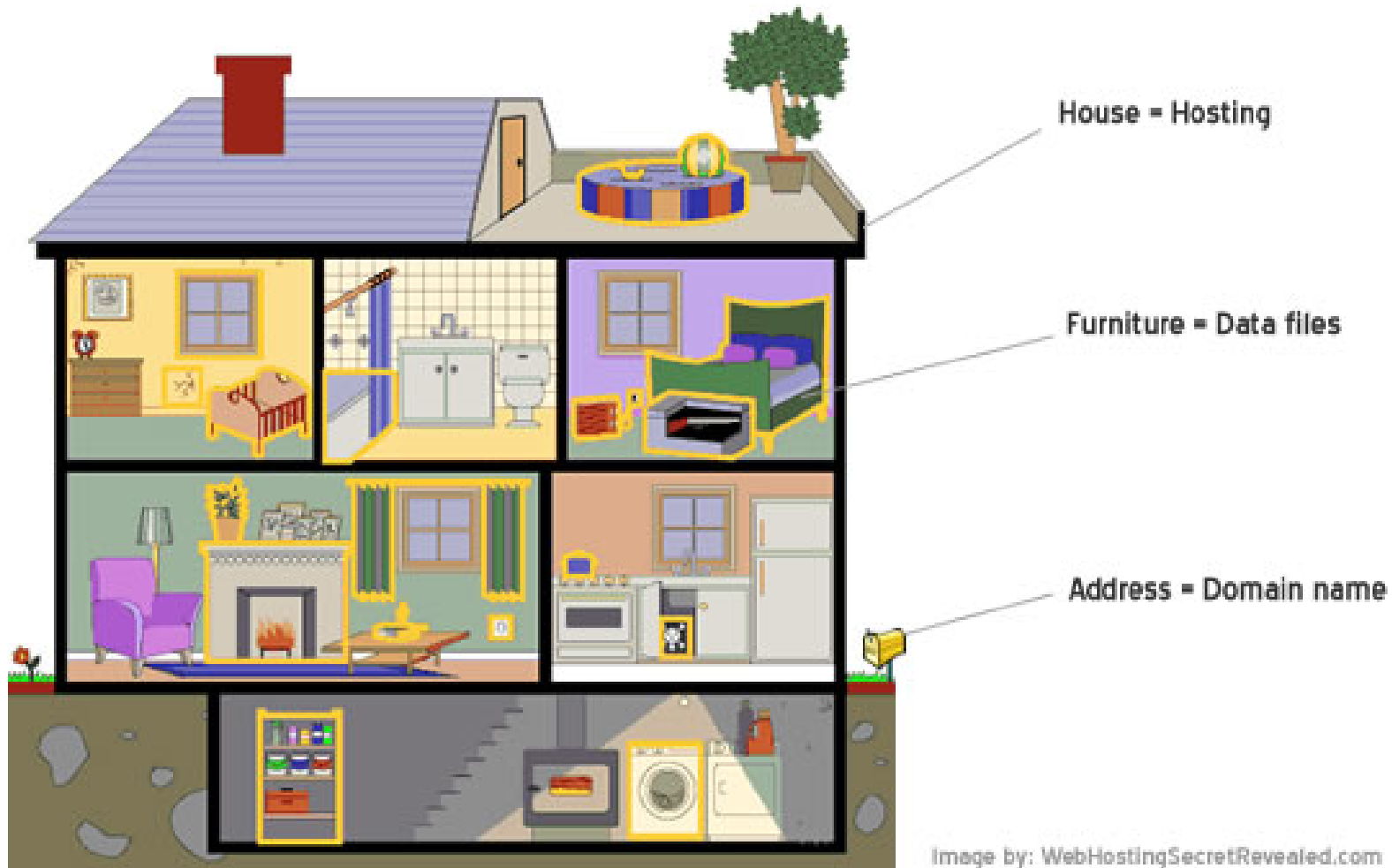
Furniture = Data files
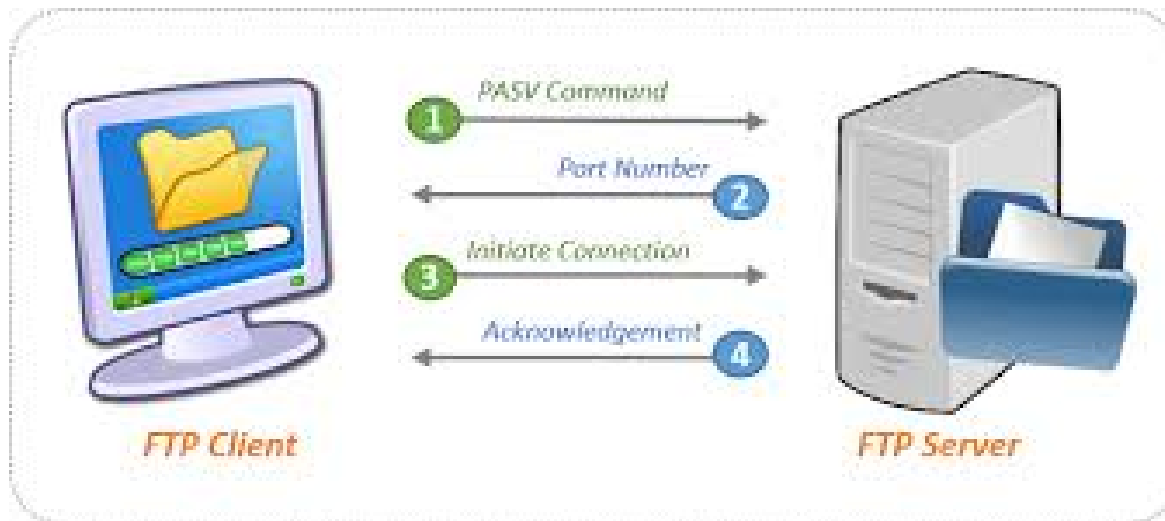
Address = Domain name

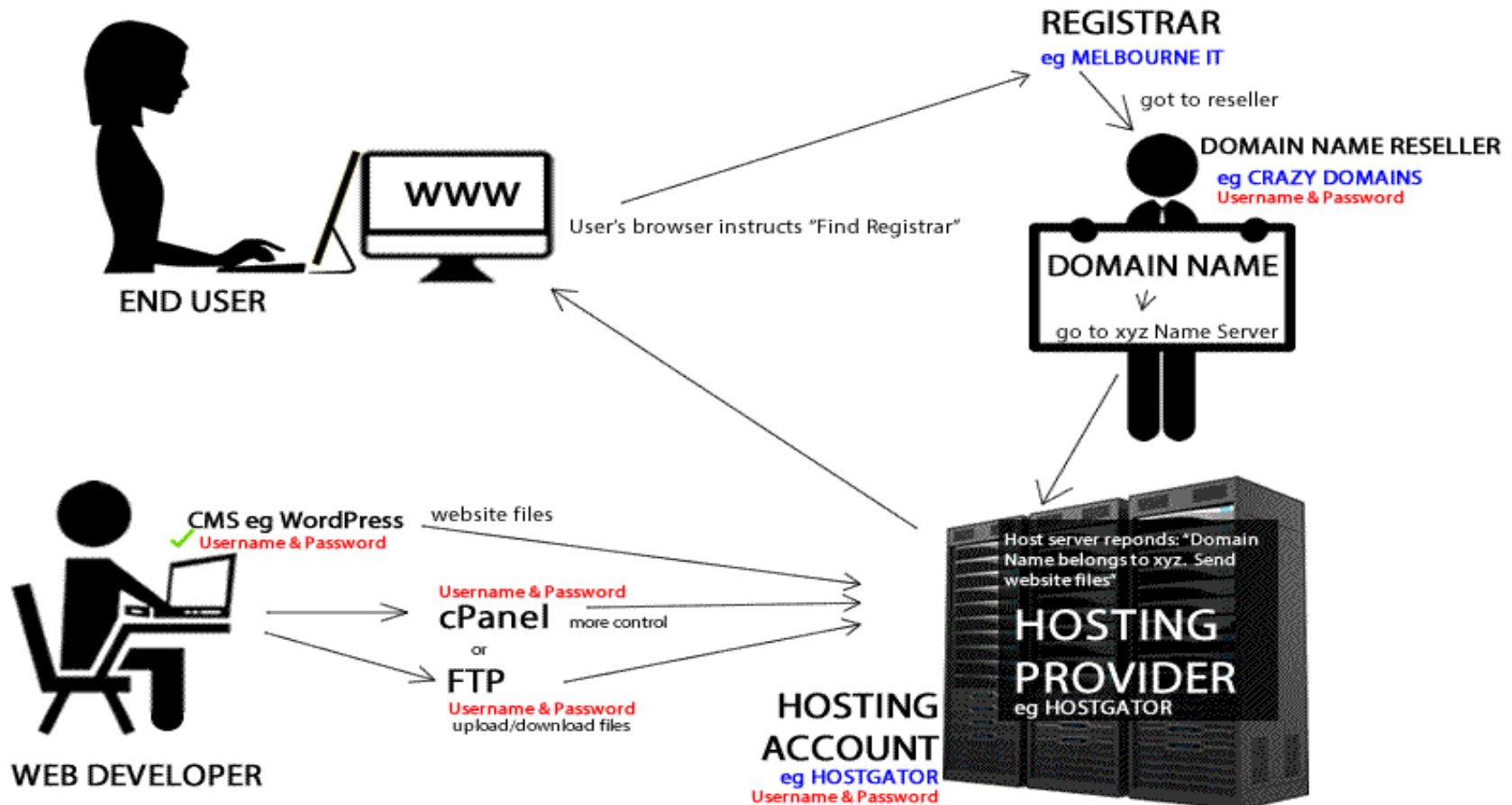Image by: WebHostingSecretRevealed.com

5. FTP – File Transfer Protocol

- To copy your files into the web server, you use FTP.

- There are many free FTP clients to choose from like WinSCP, FileZilla etc.

- To access the web server with FTP, you need a FTP address and credentials.

(Pic: https://ftpclientserversites.com/)

6. Summary

(Pic: https://top-ic.com/hosting-domain-name-cpanel-mean/)

7. Questions, comments?