LEGEND

Network or machine

Network interface

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Private IP address in the local network
(You can see it on your machine
in your network settings,
and on the server with ip addr)

W.X.Y.Z

Public IP address on the Internet
(find your current network's public IP address with whatismyip.com,
GitHub's current IP address with ping github.com,
and your server's public IP address is defined by the AWS elastic IP)

1.2.3.

Command executed on the server through a secure SSH tunnel (over a TCP connection on port 22)

HTTP(S) request (over a TCP connection)

Local network connection

Reading local files

Files transferred with SFTP through a secure SSH tunnel (over a TCP connection on port 22)

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Commits & files transferred with Git through SSH over TCP or through HTTPS

Git repository

/path/to/repo

Long-lived process
(you can list them and their relationships on the server with ps -ef --forest)

Process Type [command executed]

Short-lived process (stops when done or with Ctrl-C)

command

Application on your local machine (also a type of process)

Application

Amazon Web Services resource



Database (MySQL or MongoDB)



Exercice step

E1 Description

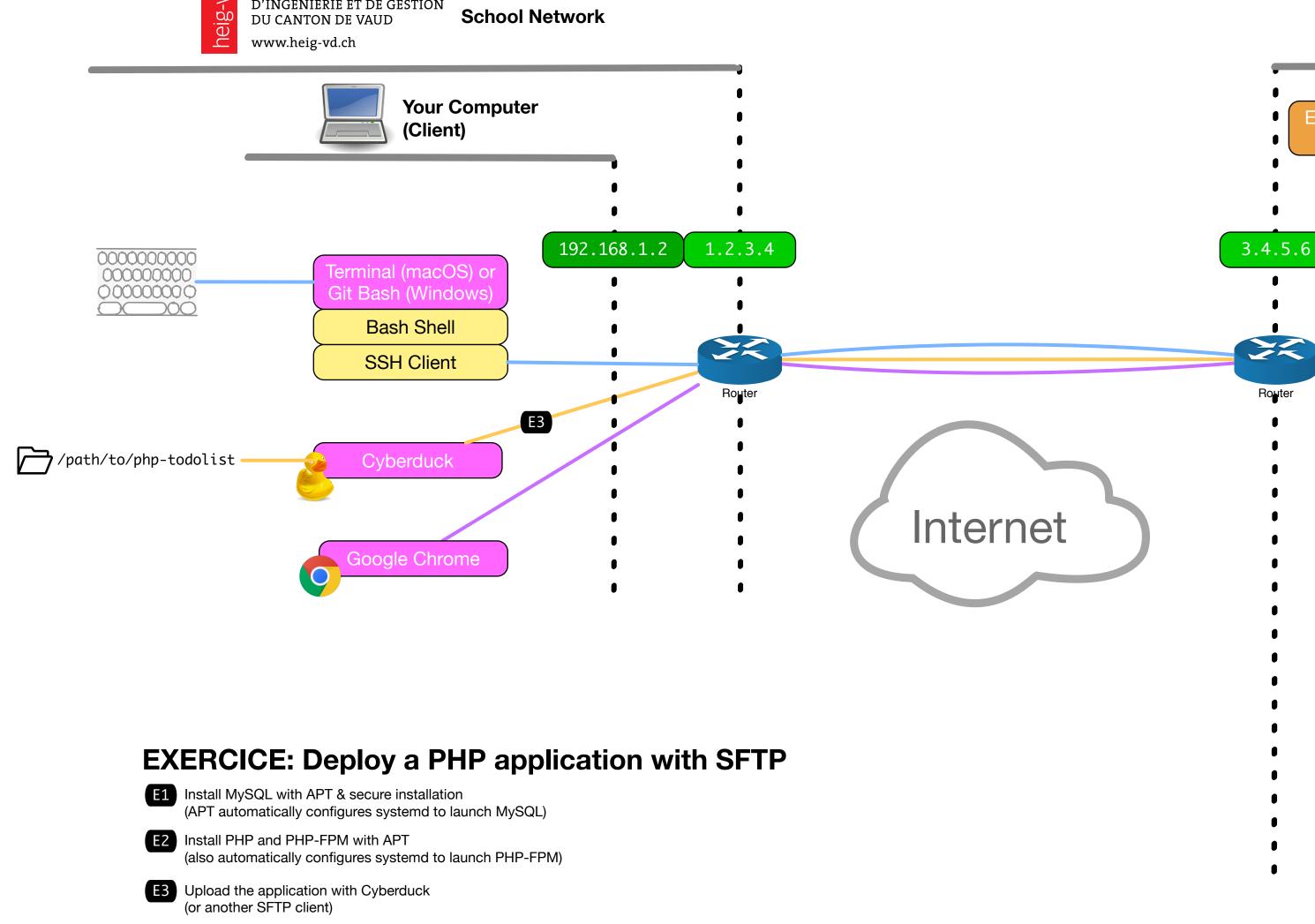
MongoDB request (over a TCP connection)

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Amazon Web Services Cloud



- E4 Initialize the todolist MySQL database
- E5 Update the configuration
- E6 Run the PHP development server

