

## Network or machine

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Network interface

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](https://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)

1.2.3.4

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)

### 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

Resource Type

Database (MySQL or MongoDB)

 DB name

### Exercise step

### E1 Description

MongoDB request  
over a TCP connection



### E1 Create a systemd unit configuration file

**E2** Enable the todolist service to start on boot

### E3 Start the todolist service