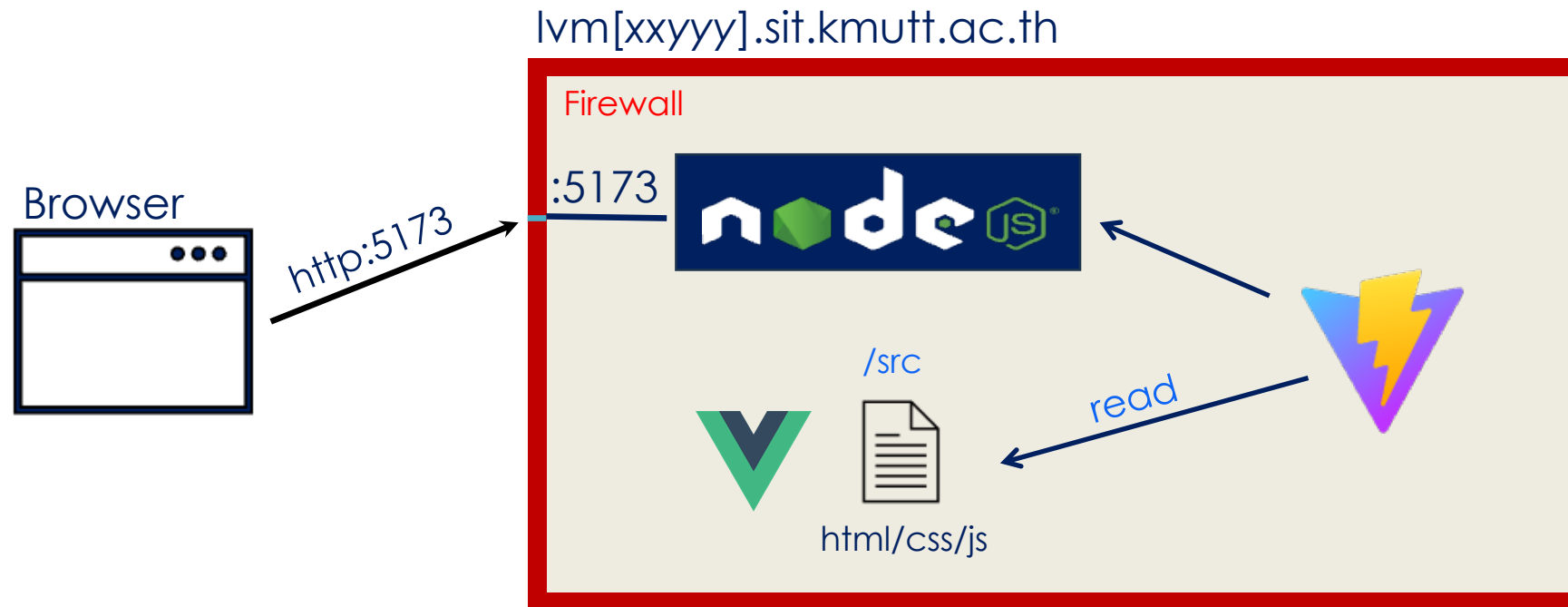


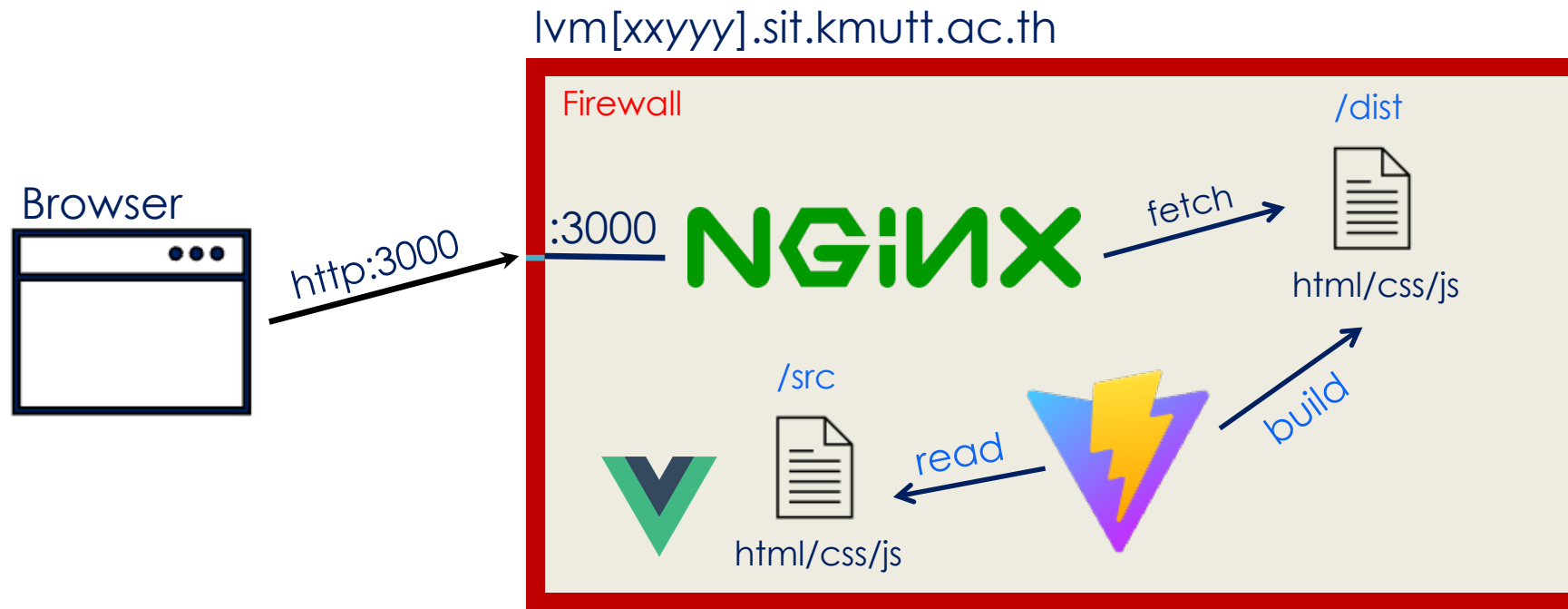
## **LAB-05**

# Hosting SPA with Vue.js and Vite

## Hosting with node (dev mode)



## Hosting with nginx



- Need Node.js version 18.0 or higher
- Task 1: find the version of nodejs on apt repo
- Task 2: install node.js version LTS
  - <https://www.digitalocean.com/community/tutorials/how-to-install-node-js-on-ubuntu-22-04>
  - <https://github.com/nodesource/distributions/blob/master/README.md#debian-and-ubuntu-based-distributions>
- Task 3: confirm that v.20 is installed
- Task 4: find version of npm installed

- Task 5: Create Vue demo project
  - Name: myfirstvue
  - Parameters: no
- Task 6: install all the dependencies (node modules) in your project

- Task 7: run your project in dev mode
  - <https://vitejs.dev/guide/>
  - `npx vite --host lvmxyyy.sit.kmutt.ac.th`
- Task 8: modify package.json to run dev mode at `lvm[xyyy].sit.kmutt.ac.th`

- Task 9: build static website
  - <https://vitejs.dev/guide/>
- Task 10: deploy the static site using nginx at lvm[xxyyy].sit.kmutt.ac.th
  - root: /home/sysadmin/myfirstvue/dist
  - port: 3000

```
tail /var/log/nginx/error.log  
sudo -u www-data stat /home/sysadmin/myfirstvue/dist  
sudo usermod -aG sysadmin www-data
```