

LAB: Web Server

Lab Environment

The workshop WiFi:

- SSID: `workshop`
- PASS: `iiij/2497`

Hosts - Virtual machines (Ubuntu 18.04LTS/LXC)

- Hostname: `nsXX.workshop`
- IPv6: `fd00:2497:1::X`
- IPv4: `10.0.0.X`

Where `X` and `XX` is your group ID. For group 1, hostname is `ns01.workshop`, IPv6 address is `fd00:2497:1::1`, and IPv4 is `10.0.0.1`.

Domain names

- `groupXX.workshop`

Where `X` and `XX` is your group ID. For group 1, domain name is `group01.workshop`.

Add `A` and `AAAA` records

ssh to your virtual server and configure your zone file (`/etc/bind/groupXX.workshop`).

```
www.groupXX.workshop. IN A      10.0.0.X
www.groupXX.workshop. IN AAAA   fd00:2497:1::X
```

Note: Replace `X` and `XX` with your group ID.

Reload your zone data.

```
$ sudo rndc reload groupXX.workshop
```

Make sure if your new name is reachable using the `ping` command.

Install and configure Apache

ssh to your virtual server and install `apache2` package.

```
$ sudo apt install apache2
```

Check your server by accessing `http://www.groupXX.workshop/`.

Update the top page of your server and check the contents.

```
$ sudo vi /var/www/html/index.html
```