

# Ansible playground

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## About

This repo is dedicated to Ansible HW

## Prerequisites

Let's assume we have 3 servers with different operating systems:

- Alpine (SSH over user/password connection)
- Debian (SSH over RSA keys connection)
- NetBSD (SSH over user/password connection)

And we are to create IaC with Ansible to easily deploy [FreeLABorga](#) application on all our machines

## Project structure

```
.
├── README.md
├── README.pdf
├── src
│   ├── host_vars - the secrets are stored here
│   ├── inventory.yaml - hosts connection description
│   └── playbook.yaml - application installation and run scripts
└── templates
    └── freelaborga.service.j2 - systemd template
```

## Run scripts

Before running the scripts be sure to prepare configs in host\_vars:

- Create alpine.yaml, debian.yaml and net\_bsd.yaml
- Fill the configs according to examples

When configs are ready - run the following command:

```
ansible-playbook -i src/inventory.yaml src/playbook.yaml
```

## Infrastructure completeness

- Alpine
  - ☒ Ping
  - ☐ Dependencies installation
  - ☐ Project installation

- ☐ Project run
- Debian
  - ☒ Ping
  - ☒ Dependencies installation
  - ☒ Project installation
  - ☒ Project run
- NetBSD
  - ☒ Ping
  - ☒ Dependencies installation
  - ☒ Project installation
  - ☐ Project run