

Ansible playground

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