

Primero v2 Installation Notes

Install vmware in your local system and in that vm ware install ubuntu 22/

The main concept is target machine and deployment machine. The deployment machine can be your laptop or a deploy machine. The target machine needs to run an updated version of Ubuntu 20.04

You need to have sudo permissions and passwordless access

The two main files are inventory.yml (this describes your setup, for example if you have a staging server, production server etc) and secrets.yml (this describes the secrets you will use at install time on the target machine)

Dependencies

For Ubuntu 20.04

```
sudo  
sudo apt install python3-pip  
apt install python3-all python-is-python3 python3-all-dev  
sudo pip install ansible
```

Fix permissions on home/ian/cache/pip

```
sudo chown ian:ian -R home/ian/cache/pip
```

Configuration

Template

```
# Go to the primero sources directory  
cd /path/to/primero/sources/
```

```

# Enter ansible/
cd ansible/
# Copy the configuration template to the file that will be read by ansible
cp inventory/inventory.yml.template inventory/inventory.yml

---
all:
  hosts:
    primerov2.example.com:
      ansible_user: 'root'
      primerov_host: 'primerov2.example.com'
      certbot_domain:
        - '{{ primerov_host }}'
      certbot_email: 'sysadmin@example1.com'
      primerov_repo_branch: 'development_v2'
      build_docker_tag: 'latest'
      build_docker_container_registry: "
      primerov_tag: 'latest'
      lets_encrypt_domain: '{{ primerov_host }}'
      lets_encrypt_email: '{{ certbot_email }}'
      use_lets_encrypt: 'true'
      nginx_ssl_cert_path: '/etc/letsencrypt/live/primerov/fullchain.pem'
      nginx_ssl_key_path: '/etc/letsencrypt/live/primerov/privkey.pem'
      # If you want to seed from a private configuration repo
      primerov_configuration_repo: 'git@github.com:example/primerov-x-configuration.git'
      primerov_configuration_repo_branch: 'main'
      primerov_configuration_path: 'templates/gbv/load_configuration.rb'
      locale_all: 'en,fr,ar'
      default_locale: 'en'

```

Set secrets

```

# Generate 5 strings to be used as secrets
pwgen -s 32 5
# Copy the following example to the secrets.yml file.
# Replace the generated_secret by one of the generated passwords
editor secrets.yml

```

```

---
primerov_secret_key_base: 'generated_secret'
primerov_message_secret: 'generated_secret'
postgres_password: 'generated_secret'
devise_secret_key: 'generated_secret'

```

```
devise_jwt_secret_key: 'generated_secret'
```

Append `ssh_private_key` to the end of `secrets.yml` if seeding primero with a custom configuration. The ssh public key must be indented to be read by ansible.

```
ssh_private_key: |
  -----BEGIN RSA PRIVATE KEY-----
  klkdl;fk;lskdfkds;kf;kdsl;afkldsakf;kasd;f
  afdnfdsnfjkndsfdskfjkdsjkfjdskljflajdfjdsf
  -----END RSA PRIVATE KEY-----
```

Install Primero v2

```
ansible-playbook bootstrap.yml
  ansible-playbook install-docker.yml
  ansible-playbook application-primero.yml --tags "local-env" -e @secrets.yml --ask-pass
  # If you want to build your own images
ansible-playbook application-primero.yml --tags "build"
# Installs primero
ansible-playbook application-primero.yml --tags configure,start
# If using let's encrypt certificates
ansible-playbook certbot.yml
```

