

Ansible voorbeeld nginx role

Gebruik van ansible galaxy

■ ansible-galaxy init nginx

- ◆ tree nginx:

```
nginx
├── defaults ── main.yml
├── files
├── handlers ── main.yml
├── meta      ── main.yml
├── tasks     ── main.yml
├── templates
└── vars      ── main.yml
```

files

- **index.html**

Welkom op mijn website

handlers

■ main.yml

- ---

- name: Handler Restart Nginx

- service:

- name: nginx

- state: restarted

meta

■ main.yml

◆ ---

galaxy_info:

author: jan.celis@kdg.be

description: Install and configure Nginx webserver

license: GPL-3.0

min_ansible_version: 2.8

platforms:

- **name:** Ubuntu



templates

■ default.j2

```
server {  
    listen {{ nginx_port }} default_server;  
    server_name {{ nginx_server_name }};  
    root /var/www/html;  
    index index.html index.htm ;  
}
```

tasks

■ main.yml

- ◆ ---

- name: **Role task update cache for ubuntu**
apt:
 update_cache: true
when: ansible_os_family == 'Debian'
- name: **Role task install nginx**
package:
 name: nginx
 state: present



tasks

- ◆ - name: **Role task copy website files**
copy: "644"
src: "{{ item }}"
dest: /var/www/html/
with_fileglob: "*.html"

- name: **Role task copy nginx configuration**
template:
mode: "644"
src: default.j2
dest: /etc/nginx/sites-enabled/default
notify: Handler restart Nginx



vars

■ main.yml

◆ ---

nginx_port: 80

nginx_server_name: www.mijnserver.local

playbook-nginx-role.yml

■ playbook-nginx-role.yml

◆ ---

```
- name: Install nginx from roles directory
  hosts: all
  gather_facts: true
  become: true
```

tasks:

```
- name: Install nginx from role
  import_role:
    name: nginx
```

■ Uitvoeren

◆ ansible-playbook playbook-nginx-role.yml

