

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



ANSIBLE

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



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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



ANSIBLE

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