

# Системы управления конфигурациями

## Урок 4. Ansible advanced

Модифицировать роль с использованием vault и tags.

Создано хранилище:

```
ansible-vault create ~/ansible/roles/wordpress/vars/wordpress_vault.yml
```

```
[sa@ansible wordpress]$ ansible-vault view vars/wordpress_vault.yml
Vault password:
mysql_db: "wordpress"
mysql_user: "wordpress"
mysql_password: "WordpreSS0!"
```

Запущен деплой:

```
[sa@ansible roles]$ cd ~/ansible && ansible-playbook -i inventory/hosts.yml roles/wordpress/wordpress.yml -b -K -k --ask-vault-pass
SSH password:
BECOME password[defaults to SSH password]:
Vault password:

PLAY [all] *****

TASK [Gathering Facts] *****
ok: [geekbrains]

TASK [wordpress : Set permissions for files] *****
changed: [geekbrains]

TASK [wordpress : Set up wp-config] *****
changed: [geekbrains]

PLAY RECAP *****
geekbrains      : ok=72  changed=3  unreachable=0  failed=0  skipped=48  rescued=0  ignored=0

[sa@ansible ansible]$
```

Роль раздеплоена успешно с использованием хранилища.

```
---
- hosts: all

vars_files:
  - vars/wordpress.yml
  - vars/wordpress_vault.yml

roles:
  - { role: geerlingguy.nginx, tags: [nginx] }
  - { role: geerlingguy.php, tags: [php] }
  - { role: geerlingguy.mysql, tags: [mysql] }
  - { role: wordpress, tags: [wordpress, app] }
```

Проверим:

```
echo "geek" > vault.pass
cd ~/ansible && ansible-playbook -i inventory/hosts.yml
roles/wordpress/wordpress.yml -b -K -k --vault-password-file ./vault.pass --list-tags
```

```
[sa@ansible ansible]$ cd ~/ansible && ansible-playbook -i inventory/hosts.yml roles/wordpress/wordpress.yml -b -K -k --vault-password-file ./vault.pass --list-tags
playbook: roles/wordpress/wordpress.yml

play #1 (all): all  TAGS: []
TASK TAGS: [app, mysql, nginx, php, skip_ansiible_lint, wordpress]
```

Проверим задание из примера:

```
[sa@ansible ansible]$ cd ~/ansible && ansible-playbook -i inventory/hosts.yml roles/wordpress/wordpress.yml -b -K -k --vault-password-file ./vault.pass -t nginx
SSH password:
BECOME password[defaults to SSH password]:
PLAY [all] *****
```

```
PLAY RECAP *****
geekbrains           : ok=11   changed=0    unreachable=0    failed=0    skipped=7    rescued=0    ignored=0
```