

# **ANSIBLE PARA DEV+OPS**

**DÍA 4 – PARTE 2**

# QUE VEREMOS HOY

- Monitoring
- Introducción a Ansible Tower
- Recursos adicionales
- Conclusiones

# MONITORING



# MONITORING CLÁSICO

- Agente de monitoring
- Servidor de monitoring
- Plantillas de monitoring
- El ciclo de vida del agente de monitoring y el host al que se vincula es largo
- La infraestructura no cambia demasiado
- Orientado al servidor

# MONITORING EN LA NUBE

- Sin agentes al uso
- Recolección de métricas
- Agregado de métricas
- Pintado de métricas
- Dashboards
- Orientado al servicio

# ¿CUÁL ES MEJOR?

- Cada uno se adapta a su uso
- No son incompatibles entre ellos

# EJEMPLOS

- Clásico
  - OpenView, Patrol, Zabbix, Nagios, OpsView...
- Cloud // agentless
  - Prometheus, Grafana/Graphite, InfluxDB, Sensu

# **ANSIBLE TOWER**



# ¿QUÉ ES ANSIBLE TOWER?

- Plataforma de CI/CD para ansible
  - Gestión de roles
  - Control de versiones
  - Reporting
- 
- NEW!! Ansible Tower Opensource -> <https://github.com/ansible/awx>

# TOWER DASHBOARD

A TOWER PROJECTS INVENTORIES TEMPLATES JOBS admin 🔍 📋 ⚡

DASHBOARD

524 HOSTS 63 FAILED HOSTS 48 INVENTORIES 2 INVENTORY SYNC FAILURES 29 PROJECTS 1 PROJECT SYNC FAILURES

JOB STATUS

PERIOD PAST MONTH JOB TYPE ALL VIEW ALL

JOBS TIME

RECENTLY USED JOB TEMPLATES

VIEW ALL

TITLE	ACTIVITY	ACTIONS
Deploy Software	● ● ● ● ● ● ● ●	🚀 🖊

RECENT JOB RUNS

VIEW ALL

TITLE	TIME
Terminate AWS instances	3:01:01 AM

# JOB STATUS

**DETAILS**

STATUS Successful

STARTED 1:00:07 AM

FINISHED 1:00:12 AM

TEMPLATE [Update License Server](#)

JOB TYPE Playbook Run

LAUNCHED BY User

INVENTORY License Server

PROJECT License

REVISION 00000000

PLAYBOOK store.yml

CREDENTIAL License Server Deployment

LIMIT Store

VERBOSITY Update License Server

EXTRA VARIABLES

```
1 expire_time: 1453164676
2 vmware_host: cent7issue
3
4
```

LABELS ▾

UPDATES QA

**REMOVE VMWARE HOST**

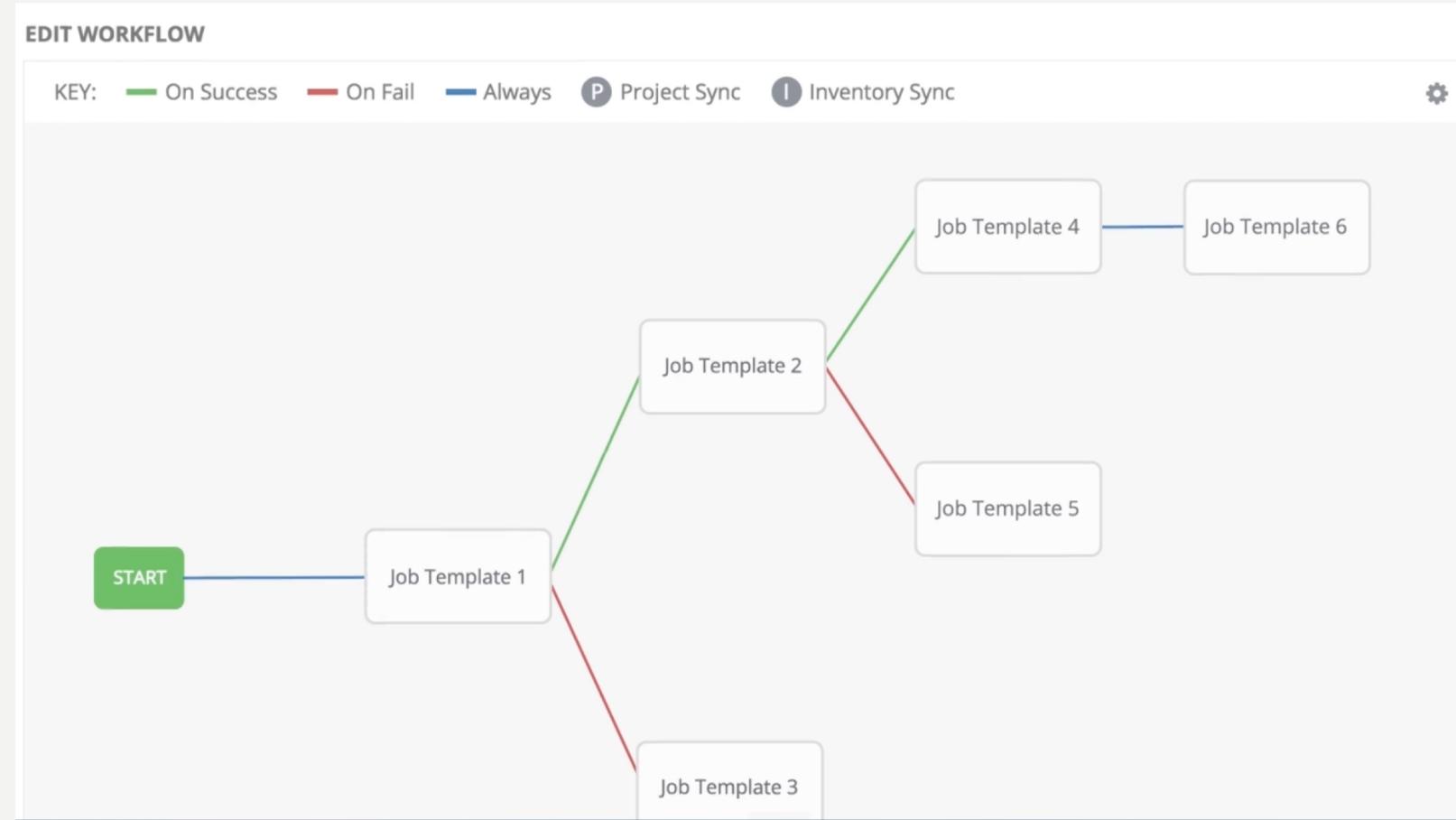
OK 3

PLAYS 1 TASKS 8 HOSTS 15 ELAPSED 00:00:05

SEARCH  KEY

Line	Event	Details	Duration
1	PLAY	[Remove VMWare Host] ****	00:00:05
2	GATHERING FACTS	*****	00:00:01
3	TASK	: [ansiblelicense   install required packages via yum] ***** ok: [74.207.226.226] ok: [74.207.226.226]	00:00:01
4	TASK	: [ansiblelicense   update setuptools] *****	00:00:01
5	TASK	: [ansiblelicense   update pip] *****	00:00:01
6	TASK	: [ansiblelicense   create unprivileged user for ansiblelicense] ***** skipping: [74.207.226.226] skipping: [74.207.226.226]	00:00:01
7	TASK	: [ansiblelicense   configure ansiblelicense directory permissions] ***** changed: [74.207.226.226] changed: [74.207.226.226]	00:00:01
8	TASK	: [ansiblelicense   enable maintenance page] *****	00:00:01
9	TASK	: [ansiblelicense   check ssh connection to github] ***** ok: [74.207.226.226]	00:00:01
10	PLAY RECAP	*****	

# MULTI PLAYBOOK WORKFLOW



# REMOTE COMMAND

A TOWER

EXECUTE COMMAND

\* MODULE ?

yum

HOST PATTERN ?

host1:host2

ENABLE PRIVILEGE ESCALATION ?

FORKS ?

0

ARGUMENTS ?

name=openssl state=latest

\* MACHINE CREDENTIAL ?

Staging ssh key

\* VERBOSITY ?

0 (Normal)

# RECURSOS ADICCIONALES



# LIBROS

- Implementing DevOps with Ansible 2 , Jonathan McAllister, Packt Publishing
- Ansible: Up and Running, 2nd edition, Rene Moser, Lorin Hochstein, O'Reilly Media
- Agile IT Organization Design, Sriram Narayan, Addison-Wesley Professional
- Pro Git, second edition, Ben Straub, Scott Chacon, Apress
- Implementing DevOps on AWS, Veselin Kantseb, Packt Publishing

# RECURSOS ONLINE

- <http://docs.ansible.com/ansible/latest/index.html>
- <https://jenkins.io/doc/book/pipeline/>
- <https://git-scm.com/>
- <https://learn.chef.io/>
- <https://www.ansible.com/blog>

# CONCLUSIONES

