

ANSIBLE PARA DEV+OPS

DÍA 7

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

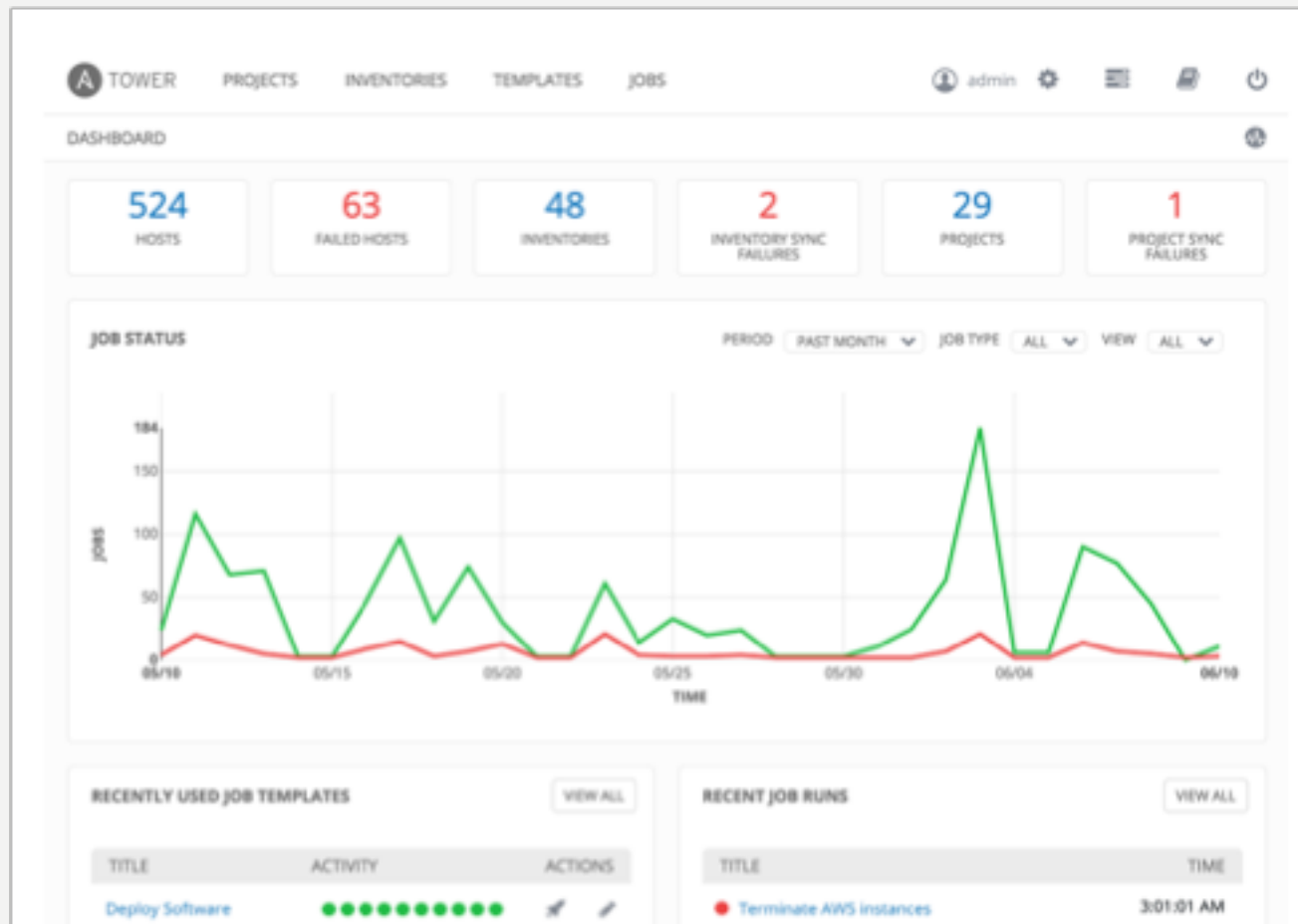
ANSIBLE TOWER



¿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



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

1 PLAY [Remove VMWare Host] ***** 00:00:05

2

3 GATHERING FACTS ***** 00:00:01

15

16 TASK: [ansiblelicense | install required packages via yum] ***** 00:00:01

17 ok: [74.207.226.226]

18 ok: [74.207.226.226]

19

20 TASK: [ansiblelicense | update setuptools] ***** 00:00:01

28

29 TASK: [ansiblelicense | update pip] ***** 00:00:01

35

36 TASK: [ansiblelicense | create unprivileged user for ansiblelicense] ***** 00:00:01

37 skipping: [74.207.226.226]

38 skipping: [74.207.226.226]

39

40 TASK: [ansiblelicense | configure ansiblelicense directory permissions] ***** 00:00:01

41 changed: [74.207.226.226]

42 changed: [74.207.226.226]

43

44 TASK: [ansiblelicense | enable maintenance page] ***** 00:00:01

65

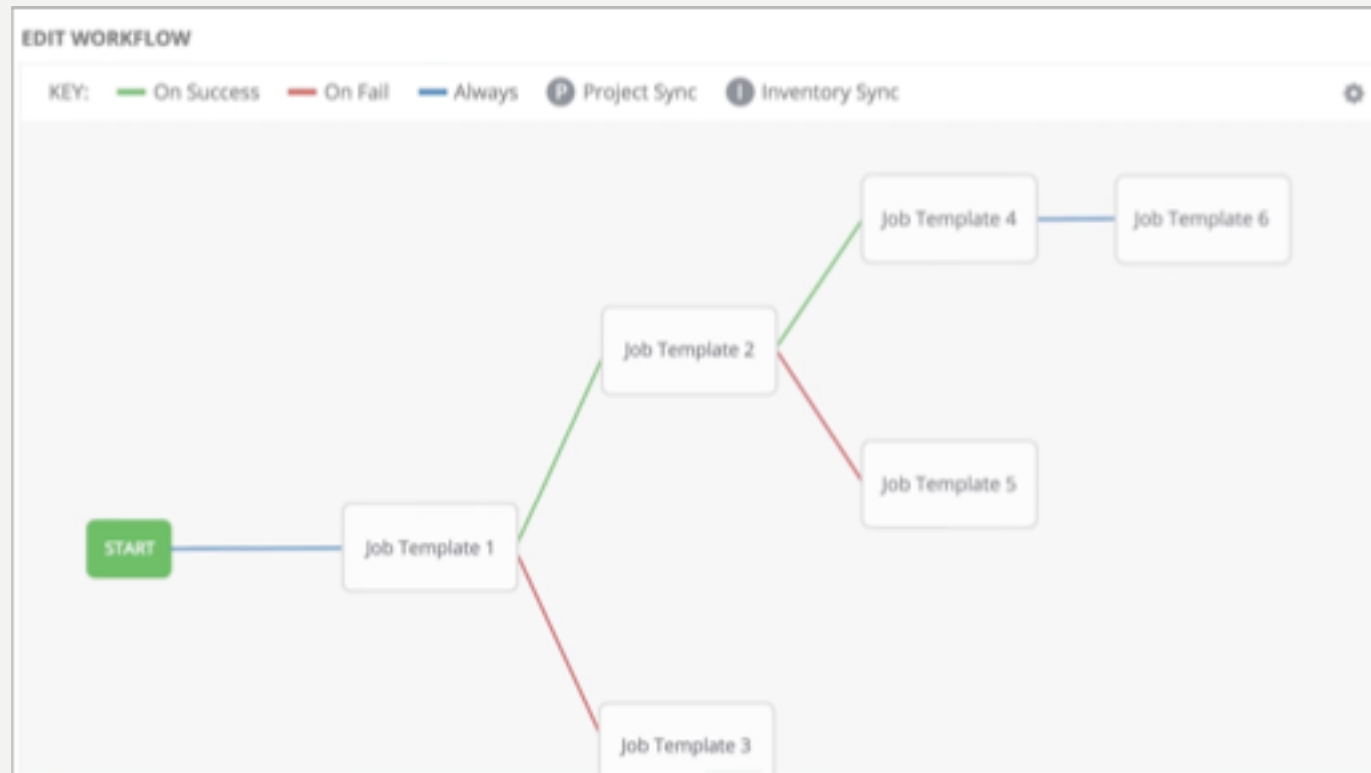
66 TASK: [ansiblelicense | check ssh connection to github] ***** 00:00:01

67 ok: [74.207.226.226]



68


69 PLAY RECAP *****


MULTI PLAYBOOK WORKFLOW




REMOTE COMMAND

 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

