#ANSIBLEFEST2019

Introducing Ansible to an Existing Environment

Managing hosts with a service account

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My automation story

1. How did you get started with Ansible?
I started with Ansible early 2015. I know, I'm a newbie.

2. How long have you been using it?
I've been using ansible for 4 years and counting, because I believe this is the right way to manage, automate, deploy, and do all the things.

3. What's your favorite thing to do when you Ansible?
I love when all pieces are grouped together and works as I expected.

Agenda

- How easy is to start using Ansible in your organization where Ansible was never an option because of the complexity of the environment.
- How we can leverage Ansible, starting with a service account to manage our servers.

Overview how Ansible works

- Efficient Architecture
- SSH keys are your friends
- Manage your inventory in simple text files

Basic Concepts

- Ansible and it's modules are written in Python
  - You don’t need to know Python to use Ansible.
- Ansible uses SSH to connect to hosts
- Ansible is agentless
  - There's no need to install Ansible in the target hosts. It will copy Python code using SSH and run from there. Only requirement is Python.

Existing Problems

Existing Problems

- They already have a working environment, and do not know how to start managing servers ...
- They think it is a waste of time, they are too busy to put in the effort ...
- They think it would take them a long time to start using Ansible to manage their servers ...
- They are not interested in automating anything ...
- Do not rely on automation ...
- They do not know what they are talking about ...
- Scared of change ...

PLAN
DO
CHECK
ACT
PROJECT
MANAGEMENT

Solution to all the problems

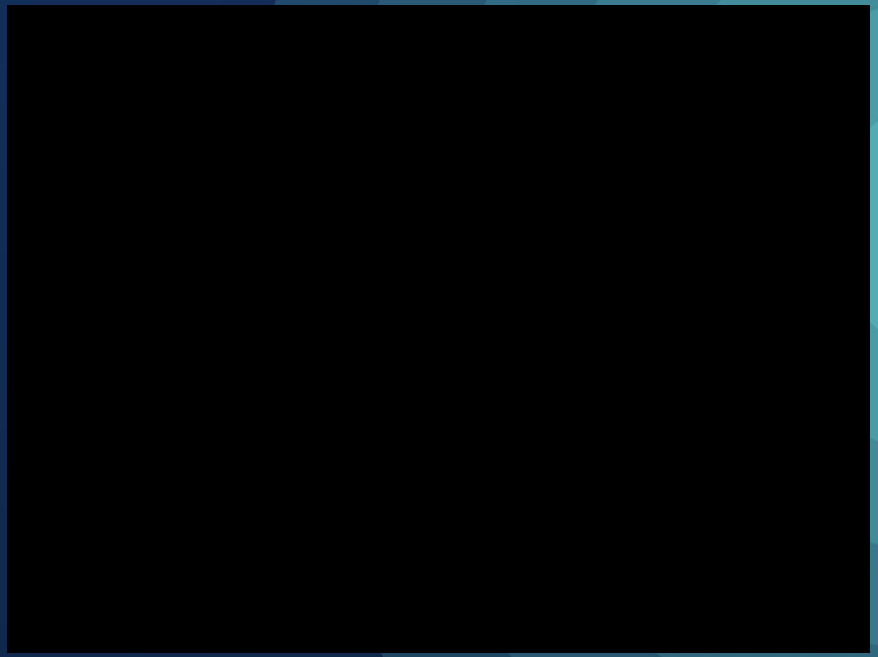
Ansible service account

- Same account name
- Different passphrases
- Flexibility
- Local account

“yaml is not a program language - do not try to coding in yaml”

“YAML is a human-readable data-serialization language.”

Quick View of the plays and DEMO



Questions?

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THANK YOU

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