

Getting Started with Ansible on Windows

INTRODUCTION



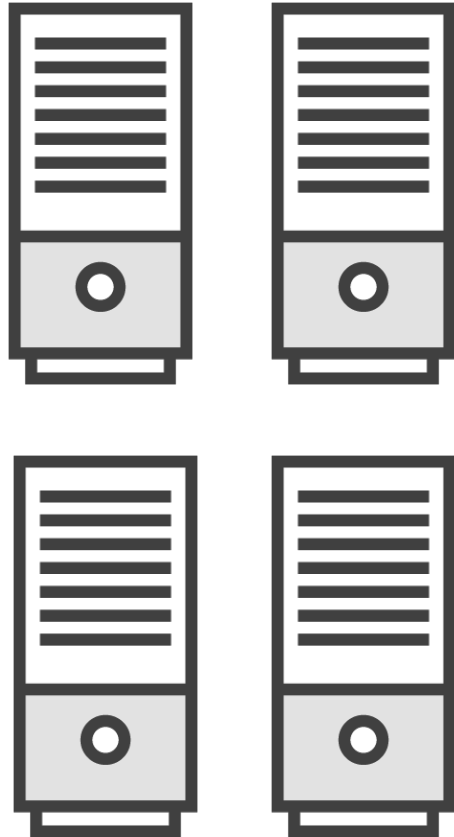
JP Toto

INFRASTRUCTURE DEVELOPER

@jptoto <http://jptoto.jp>



Servers



Dozens?

HUNDREDS??

Administering many servers is difficult, tedious, and error-prone.

Humans aren't good at doing the same thing over and over in exactly the same way.





ANSIBLE



- Configuration
- Server Roles
- Users



... a fictional machine capable of instantaneous or superluminal communication...





We're going to learn how to use Ansible with Windows servers

It's helpful if you've already used Ansible with Linux

If not, check out "Hands-on Ansible" by Aaron Paxson at Pluralsight

Will refer back to the hands-on course when necessary



What You Should Have



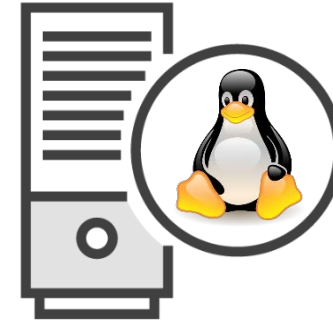
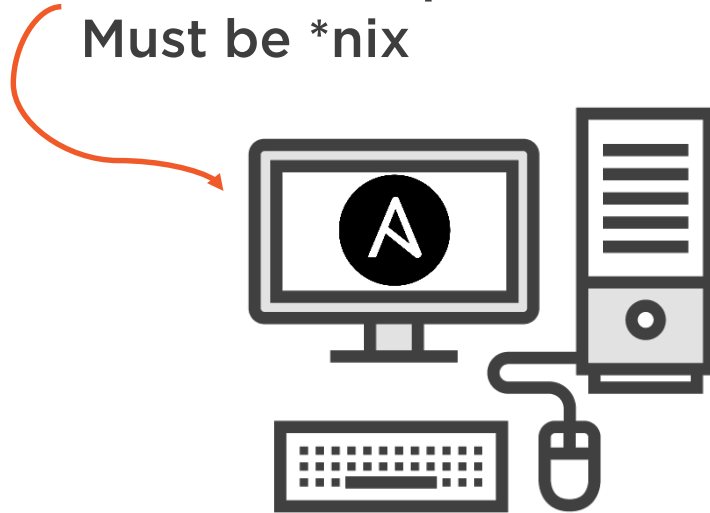
**You should follow along with the course
with your own Ansible environment**



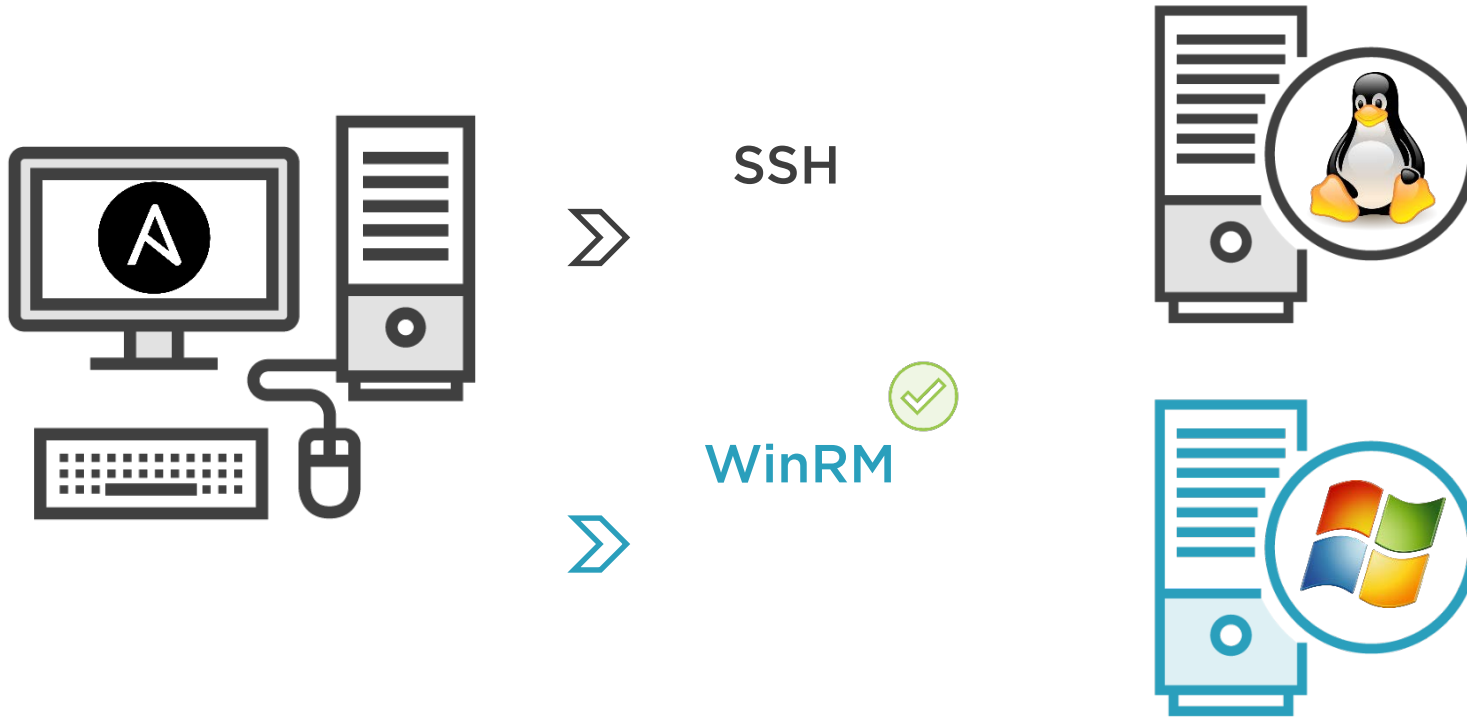
Ansible Runs on *nix



Control Computer
Must be *nix



Ansible => WinRM => Windows Server



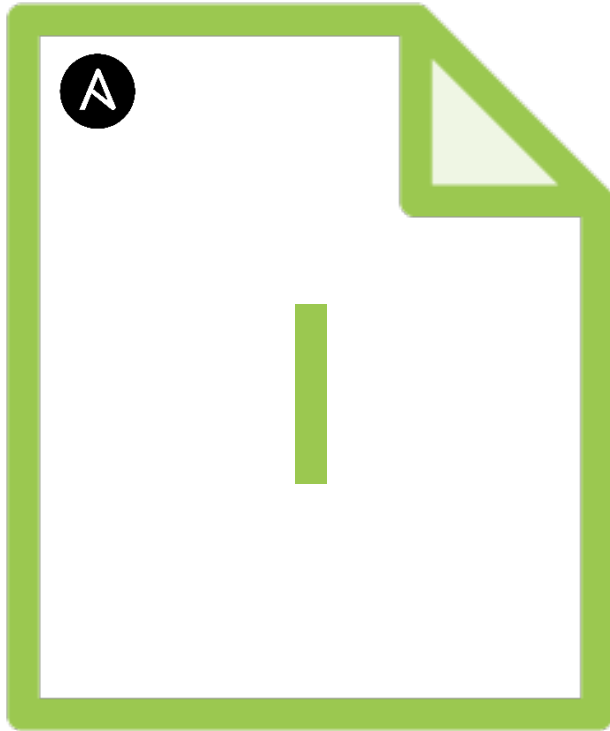
Ansible: Commands



- Reboot
- Change folder permissions



Ansible: **Inventory**



File or group of files

Contains all the names and/or IPs of target servers

Also sometimes contains login info for target servers

Ansible: Modules



Pre-written functions that perform a specific task

Used to do things like add a user, install a specific feature, etc

Good for compartmentalizing code

Ansible comes with many many modules

Ansible: Playbooks



A collection of commands and/or calls to modules

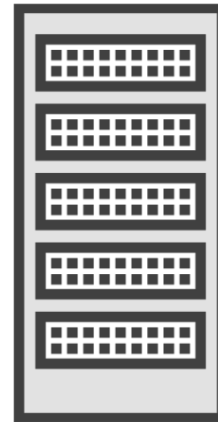
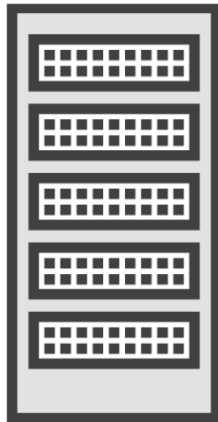
Good for setting up a server or servers for a specific role requiring many steps

What's the Story?

Devops Manager



GLOBOMANTICS



Summary



This was a brief introduction to the course and some Ansible basics

In the next module, we'll setup our Ansible environment

