ANSIBLE Installation on AWS – EC2

- ANSIBLE needs Only Python
- Please choose an AMI which has Python
- Install ANSIBLE with pip command
- >sudo pip install ansible
- Check if installation is good
- >ansible --version

ANSIBLE Configuration

- Create /etc/ansible/hosts file and update it with all client details

[app]

IP_ADDRESS_OF_SERVERS_TO_CONTROL

- 'app' is just a name against which any adhoc commands can be fired

ANSIBLE Configuration

- ANSIBLE server needs to have the private keys of all machines that it want to control
- Copy the PEM file of the other server to any location & chmod 777
- Create ansible.cfg file (in /etc/ansible) and refer the PEM location in it
- >private_key_file = /path/to/pemfile

ANSIBLE Adhoc Commands

- Fire adhoc commands against servers
- >ansible app –a "hostname"
- >ansible app –m copy -a "src=….. dest=…"
- Install ntp daemon & then start it
- >ansible app –m yum –a "name=ntp state=present"
- >ansible app –m service –a "name=ntp state=started enabled=yes"

ANSIBLE Playbook

- A bunch of commands for installing any service or configuration

- https://github.com/rchidana/Cred-Suisse/blob/master/nginx_playbook.yml

- >ansible-playbook nginx_playbook.yml

Questions??