Universidad Politécnica de Cartagena

EUROPEAN UNIVERSITY OF TECHNOLOGY
"Think human first"

Gestión de Redes: ANSIBLE

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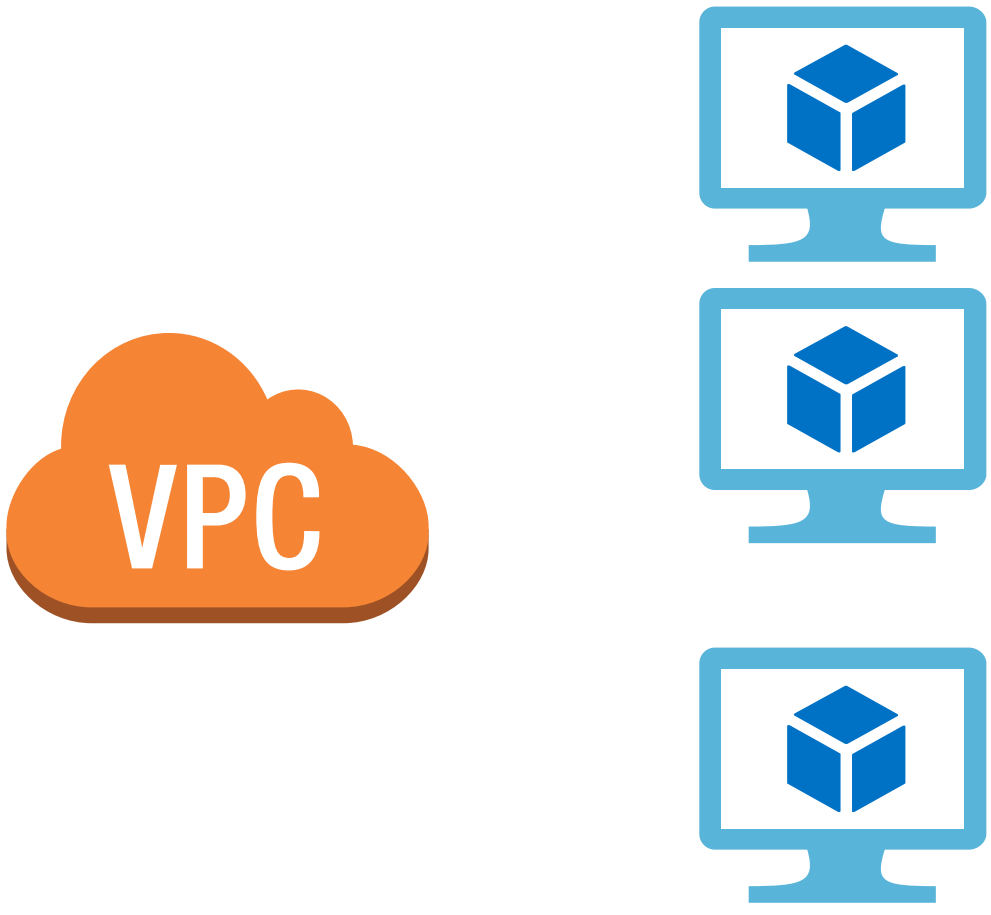
Aplications

Aplications

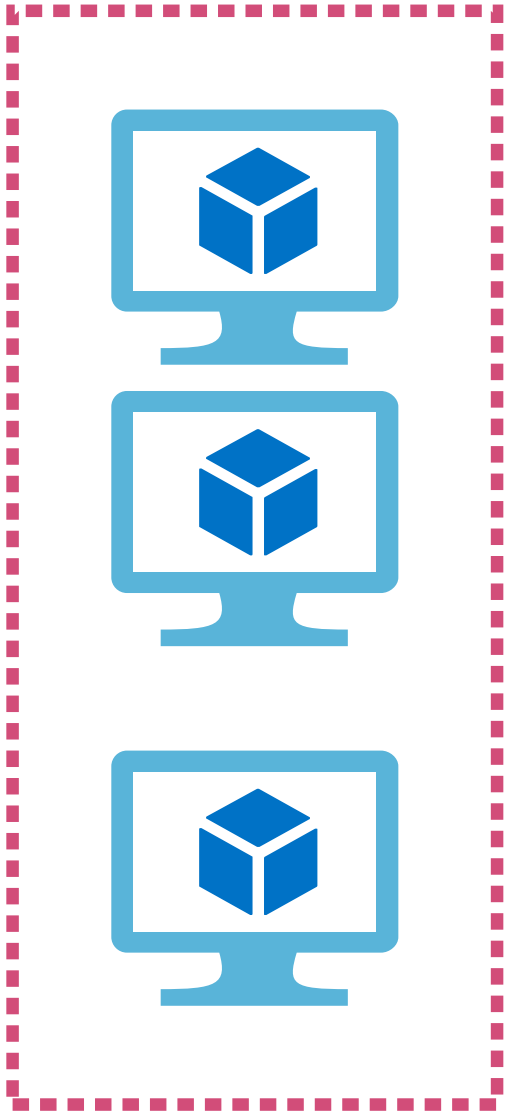
1. Provisioning:



Aplications

1. **Provisioning:**

Inventory



Aplications

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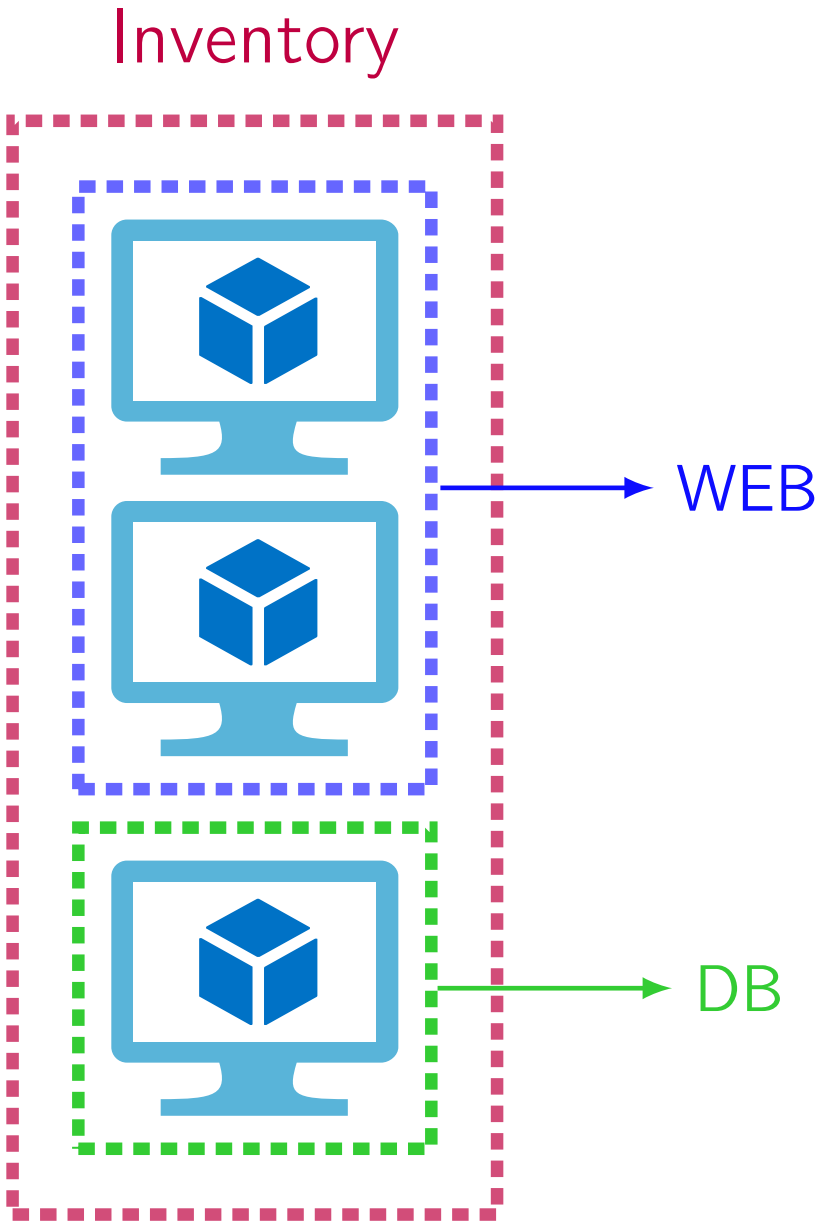

Aplications

2. **Configuration management:**
   - We will tell Ansible what we want, not how to get there.
   - For example, install some OS patches and the install a programming language, and then MySQL. For this we need a **playbook**.
   - A Playbook is a set of tasks. We want to run this against all of our hosts and run e.g., a security patch, and make sure all run the same version of the patch.
   - A Playbook requires three things: (1) a name of that play, (2) the host or group of hosts where is going to run against, and (3) the actual tasks.
   - A Playbook is written in YAML which is a declarative language.
   - Agent-Less: No need to install any agent on the VMs that were provisioned. Ansible takes advantage of SSH.

Aplications

PLAYBOOK

- PLAY
  - HOSTS: ALL
  - TASKS
    - ↳
    - ↳
- PLAY
  - HOSTS: WEB
  - TASKS
    - ↳

Aplications

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- Declarative
- Idenpotent
- Community driven:
  Ansible galaxy

Example of use

Exercise Lab

- The Github repository https://github.com/plopezmp/GdR contains instructions in the folder Ansible GNS3 Lab