

Ansible Installation and Configuration

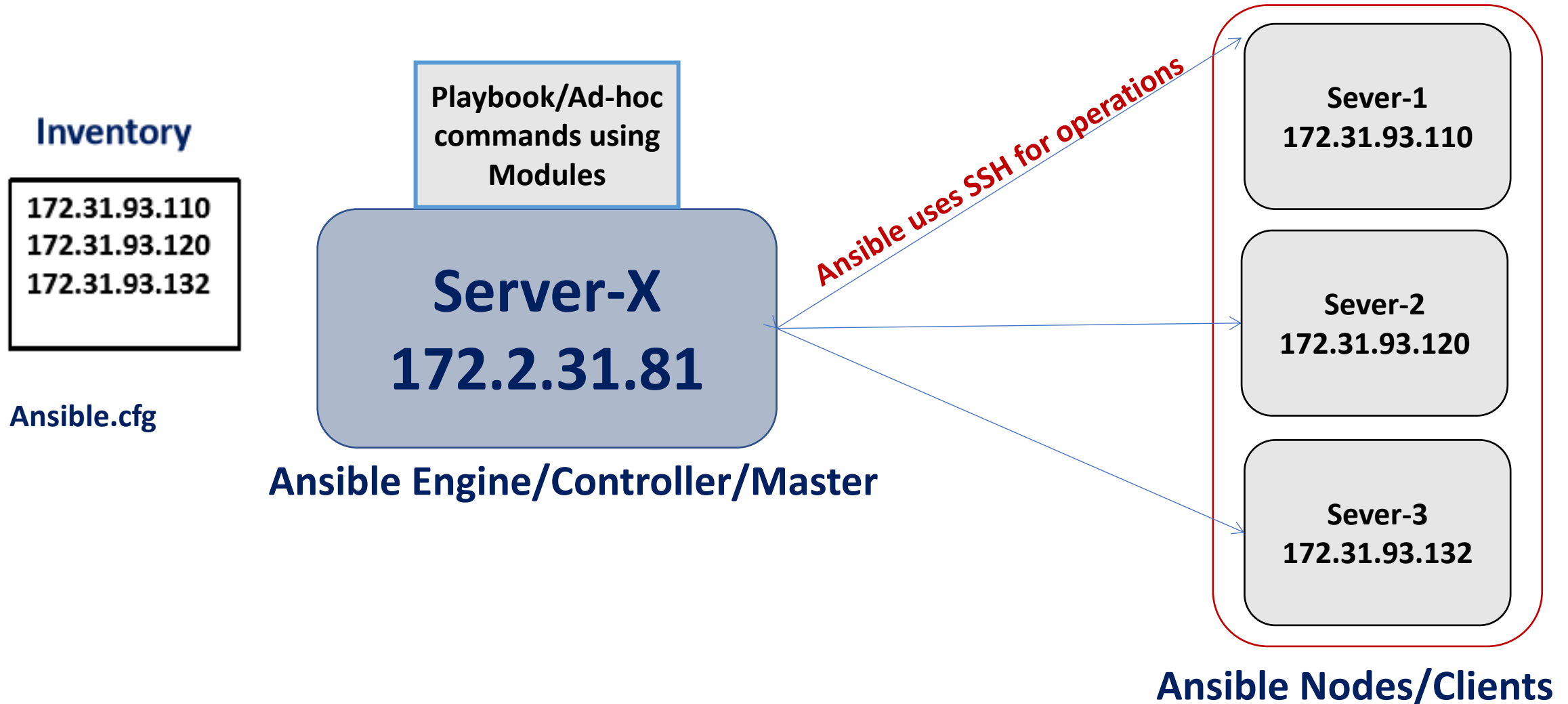
Part-2

Ansible

Automation with Ansible Playbooks

Ansible

Simple Ansible Architecture



Steps to Configure Ansible

- Launch/select required no of servers. Which are called Managed Nodes/Clients.
- Requirements for Managed Node/clients:
 - Python 2 (version 2.6 or later) or Python 3 (version 3.5 or later)
 - **Note: We can also work without Python on Managed Nodes that is using raw modules.**
- Ansible Engine uses SSH Connection to connect and work with Manage nodes.
- We can create SSH Connection in two ways:
 - Password Authentication
 - Password-less Authentication(This is with SSH-Keys)
- Provide the Mange Nodes IP/FQDN in inventory file on Ansible Engine.
- Simple test the configuration by running: **ansible all -m ping**

Steps: Password less Authentication

- Create same user(**ansadmin**) across all servers and provide password for all users.
- Provide root privileges to all **ansadmin** users on all servers.
- Make sure that PasswordAuthentication yes in all servers under /etc/ssh/sshd_config file.
- Generate ssh-keys using **ssh-keygen** command from ansadmin.
- Copy ssh public key using **ssh-copy-id <hostname>** from **/home/ansadmin/.ssh/** location.
- Now login to remote server without providing password with the following command:
 - **ssh user_name@hostname**
- Now we can test connection from Ansible Engine to Manage Node using:
 - **ansible all -m ping**

Thank you

Ansible

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Completed Installation part in previous video.

Remain part is Configuration