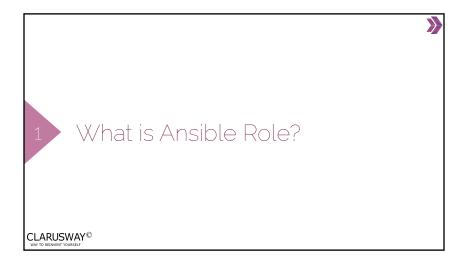
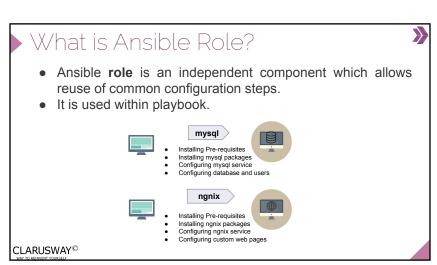


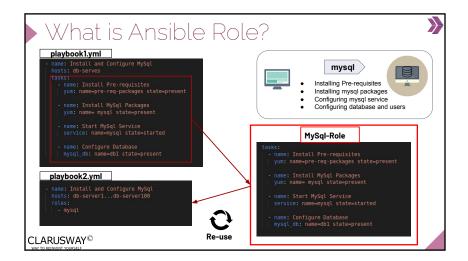
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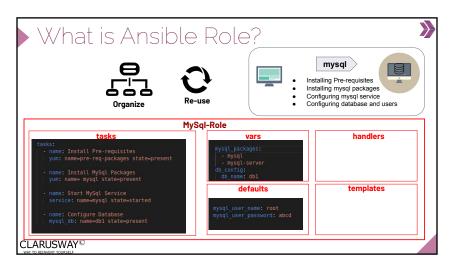
- ► What is Role?
- Find Roles & Ansible Galaxy
- Use Roles

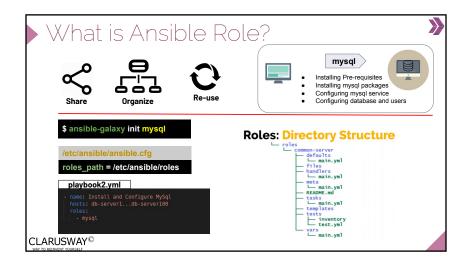
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### Q1) What is Ansible?

Ans: Ansible is developed in . It is a software tool. It is useful while deploying any application using ssh Python language

without any downtime. Using this tool one can manage and configure software applications very easily.

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# Interview Q/A

### Q2) Ansible Playbooks vs Roles

Roles	Playbooks
Roles are reusable subsets of a play.	Playbooks contain Plays.
A set of tasks for accomplishing certain role.	Mapps among hosts and roles.
Example: common, webservers.	Example: site.yml, fooservers.yml, webservers.ym

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# Q4) Comapre Ansible VS Puppet Ansi: Ansible Puppet Simplest Technology Complex Technology Written in YAML language Written in Ruby language Agent-less install and deploy Easy install No support for Windows Support for all major OS's GUI -work under progress Good GUI

Must learn the Puppet DSL

CLI accepts commands in almost any language

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### Q5) How Ansible Works?

Ans: There are many similar automation tools available like, Capistrano, Chef, Salt, Space Walk etc, but Ansible Puppet categorize into two types of server; controlling machines and nodes.

The controlling machine, where Ansible is installed and Nodes are managed by this controlling machine over SSH. The location of nodes are specified by controlling machine through its inventory.

The controlling machine (Ansible) deploys modules to nodes using SSH protocol and these modules are stored temporarily on remote nodes and communicate with the Ansible machine through a JSON connection over the standard output.

Ansible is agent-less, that means no need of any agent installation on remote nodes, so it means there are no any background daemons or programs are executing for Ansible, when it's not managing any nodes.

Ansible can handle 100's of nodes from a single system over SSH connection and the entire operation can be handled and executed by one single command 'ansible'. But, in some cases, where you required to execute multiple commands for a deployment. here we can build platybooks.

Playbooks are bunch of commands which can perform multiple tasks and each playbooks are in YAML file format.





