LINUX KURIOSITY

Ansible for Network Automation
(Interview QA Book)

Learn in a Simple & Smart way

1. Control node

a. We can run commands and playbooks by invoking /usr/bin/ansible or /usr/bin/ansible-playbooks from any control node.

Note: We cannot use a window machine as a control node.

Interview QA: Suppose you are going for the interview and interviewer ask you what is control node in ansible ? At this point of time above definition will help you.

2. Managed node

a. The network devices or servers we manage with ansible.

b. managed nodes are also called hosts.

c. Ansible is not installed on managed nodes.

Interview QA: Suppose you are going for the interview and interviewer ask you what is managed node in ansible ? At this point of time above definition will help you.

3. Inventory

a. A list of managed nodes.

b. Also known as hostfile.

c. We can specify information like IP address for each maanged node.

Interview QA: Suppose you are going for the interview and interviewer ask you what is inventory in ansible ? At this point of time above definition will help you.

4. Modules

a. Each module has a particular use.

b. We can invoke a single module with a task or invoke several different modules in a playbook.

Interview QA: Suppose you are going for the interview and interviewer ask you what is module in ansible ? At this point of time above definition will help you.

5. Tasks

a. It is a unit of action.

Interview QA: Suppose you are going for the interview and interviewer ask you what is task in ansible ? At this point of time above definition will help you.

6. Playbooks

a. It is ordered list of tasks.

b. It can include variables as well as tasks.

c. It is written in YAML

Interview QA: Suppose you are going for the interview and interviewer ask you what is playbooks in ansible ? At this point of time above definition will help you.

7. Network modules

a. It use the control node as a destination for backup files.

b. It write backup files on the control node, usually in the backup directory under the playbook root
directory.

Interview QA: Suppose you are going for the interview and interviewer ask you what is network modules in ansible ? At this point of time above definition will help you.

8. Multiple communication protocols

a. The communication protocol selected for each module network module depends on the platform

and purpose of the module.

Interview QA: Suppose you are going for the interview and interviewer ask you what are the two factors on which communication protocol depends in ansible? At this point of time above definition will help you.

9. Network platform

a A network platform is a set of network devices with a common operating system that can be managed by a collection of modules.

Interview QA: Suppose you are going for the interview and interviewer ask you what is control node in ansible ? At this point of time above definition will help you.

10. Privilege escalation

a. Several network platforms support privilege escalation where certain tasks must be done by a privileged user.

b. On network devices this is called enable mode.

11. Ansible version verification

a. Command: `ansible -version`

Interview QA: Suppose you are going for the interview and interviewer ask you how to verify the ansible version in ansible ? At this point of time above command will help you.

12. Establish a manual connection to a managed node

a. Command: ssh user@vo.example.net

b. Command: show config

c. Command: exit

Interview QA: Suppose you are going for the interview and interviewer ask you how to establish a manual connection to a managed node in ansible ? At this point of time above command will help you.

13. Network Ansible command

a Syntax: `ansible all -i device-name -c network_cli -u user-name -k -m ansible module`

-i device name
-c connection method
-u user-name
-k prompt for password
-m ansible module

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of -k option in ansible network command ? At this point of time above syntax will help you.

14. Basic Inventory

a. First group servers and network devices by their what (application, stack or microservice), where
(datacenter or region) and when (development stage).

1. what: web
2. where: floor
3. when: staging

b. Avoid spaces, hyphens and preceding numbers in your group names.

c. group names are case sensitive.

Interview QA: Suppose you are going for the interview and interviewer ask you how to prepare the basic inventory in ansible ? At this point of time above definition will help you.

15. Ansible vault

a. It is a command which provides encryption for files and or individual variables like passwords.

Interview QA: Suppose you are going for the interview and interviewer ask you what is ansible vault ? At this point of time above definition will help you.

16. Roles

a. Roles are sets of ansible defaults, files, tasks, templates, variables and other ansible components that work together.

Interview QA: Suppose you are going for the interview and interviewer ask you what is roles in ansible ? At this point of time above definition will help you.

17. Strategy Plugin

a. It tells ansible how to order multiple tasks on multiple hosts.

b. It is set at the playbook level.

c. Free strategy uses available forks more efficiently.

Interview QA: Suppose you are going for the interview and interviewer ask you what is strategy plugin ? At this point of time above definition will help you.

18. Show running

a. It is a command which is most resource-intensive command to execute on a network device, because of the way queries are handled by the network OS.

Interview QA: Suppose you are going for the interview and interviewer ask you what is Show running command ? At this point of time above definition will help you.

19. Proxy command

a. Network modules support the use of a proxy or jump host with the proxy command parameter.

Interview QA: Suppose you are going for the interview and interviewer ask you what is proxy command ? At this point of time above definition will help you.

20. Fork

a. Every time ansible runs a task, it forks its own process.

b. The --forks parameter defines the number of concurrent tasks.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of the fork ? At this point of time above definition will help you.

21. Inventory File

a. An inventory file is an INI-like configuration file that defines the mapping of hosts into groups.

Interview QA: Suppose you are going for the interview and interviewer ask you what is Inventory file ? At this point of time above definition will help you.

22. Jump hosts

a. If the ansible controller doesn't have a direct route to the remote device and you need to use a jump host.

Interview QA: Suppose you are going for the interview and interviewer ask you what is jump host ? At this point of time above definition will help you.

23. Ansible's Network fact modules

a. It gather information from the system and store the results in facts prefixed with ansible_net_.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of ansible' network fact modules ? At this point of time above definition will help you.

24. Ansible hostvars

a. It allows you to access variables from a named host.

Interview QA: Suppose you are going for the interview and interviewer ask you what is ansible hostvars ? At this point of time above definition will help you.

25. Conditional statements

a. There are seven conditional statements

1. eq (Equal)
2. neq (Not equal)
3. gt (greater than)
4. ge (greater than or equal)
5. lt (less than)
6. le (less than or equal)
7. contains

Interview QA: Suppose you are going for the interview and interviewer ask you what is conditional statements ? At this point of time above definition will help you.

26. Wait_for argument

a. It can be used to evaluate the results before running control to the ansible playbook.

Note:

a. Ssh does not support providing passwords via environment variables.

b. Ansible supports ssh-agent to manage your SSH keys.

Interview QA: Suppose you are going for the interview and interviewer ask you what is wait_for argument ? At this point of time above definition will help you.

LINUX KURIOSITY

Ansible for Vmware

Interview QA

Learn in a Simple & Smart way

1. Introduction

a. Ansible Vmware modules are written on top of pyVmomi.

b. pyVomi is the python SDK for the vsphere API that allows user to manage ESX, ESXi and Vcenter Infrastructure.

c. Installation

Command: pip install pyvomi

Interview QA: Suppose you are going for the interview and interviewer ask you what is pyvomi and how to install ? At this point of time above definition will help you.

2. Validate_certs parameter

a. It is used to disable validation of the certificates by using the validate_certs parameter.

b. To do this you need to set validate_certs=False in your playbook.

Interview QA: Suppose you are going for the interview and interviewer ask you what is Validate_certs parameter ? At this point of time above definition will help you.

3. Wait for ip address parameter

a. It will increase the clone time as it will wait until virtual machine boots into the OS and an IP address has been assigned to the given NIC.

Interview QA: Suppose you are going for the interview and interviewer ask you what is wait for ip
address parameter ? At this point of time above definition will help you.

4. Renaming Virtual machine

a. For renaming virtual machine, vmware_guest modules uses Vmware UUID which is unique across vcenter environment.

Interview QA: Suppose you are going for the interview and interviewer ask you how to rename virtual machine ? At this point of time above definition will help you.

5. Vmware guests facts

a. It is a module to find virtual machine and get information about VMWare UUID of the virtual machine.

Note: The removal Vmware virtual machine using Vmware_guest module is destructive operation. And cannot be reverted.

Interview QA: Suppose you are going for the interview and interviewer ask you what is vmware

guests facts ? At this point of time above definition will help you.

LINUX KURIOSITY

Ansible Galaxy (Practical Book)

Learn in a simple & smart way

1. Introduction

a. Ansible Galaxy refers to the galaxy website where users can share roles, and to a command line tool for installing, creating and managing roles.

Interview QA: Suppose you are going for the interview and interviewer ask you what is ansible galaxy ? At this point of time above definition will help you.

2. Roles

a. Installation

Command : `ansible-galaxy install username.role_name`

The ansible-galaxy command comes bundled with ansible and we can use it to install roles from galaxy or directly from a git based SCM.

Interview QA: Suppose you are going for the interview and interviewer ask you how to install specific roles ? At this point of time above command will help you.

3. Roles path

Command: `ansible-galaxy install --roles-path . Lina.apache`

The Above provides an example of using -roles-path to install the role into the current working directory.

Interview QA: Suppose you are going for the interview and interviewer ask you how to change the roles path ? At this point of time above command will help you.

4. Mutiple roles

a. We can use below command to install roles in requirement.yml.

Command: `ansible-galaxy install -r requirements.yml`

Interview QA: Suppose you are going for the interview and interviewer ask you how to install multiple roles from the file ? At this point of time above command will help you.

5. Dependencies

a. Roles can also be dependent on other roles, and when you install a role that has dependencies, those dependencies will automatically be installed.

Interview QA: Suppose you are going for the interview and interviewer ask you what is

dependencies ? At this point of time above definition will help you.

6. Create roles

a. Init command is used to initialize the base structure of a new role, saving time on creating the various directories and main.yml files a role requires.

Command: `ansible-galaxy init role_name`

Interview QA: Suppose you are going for the interview and interviewer ask you what is init command ? At this point of time above command will help you.

7. Force option

a. Suppose if a directory matching the name of the role already exists in the current working directory, the init command will result in an error.To ignore the error we use the –force option.

8. Search for roles

a. Search the galaxy database by tags, platforms, author and multiple keywords.

Command: `ansible-galaxy search elasticsearch --author lina`

Interview QA: Suppose you are going for the interview and interviewer ask you how to search for roles by author keywords ? At this point of time above definition will help you.

9. Role information

a. We can use the info command to view more detail about a specific role.

Command: `ansible-galaxy info username.role_name`

Interview QA: Suppose you are going for the interview and interviewer ask you how to get the information about the specific role ? At this point of time above command will help you.

10. List installed roles

a. Use list to show the name and version of each role installed in the roles_path.

Command: `ansible-galaxy list`

Interview QA: Suppose you are going for the interview and interviewer ask you how to list installed roles ? At this point of time above command will help you.

11. Remove an installed role

a. Use remove to delete a role from roles_path

Command: `ansible-galaxy remove username.role_name`

Interview QA: Suppose you are going for the interview and interviewer ask you how to remove

an installed role ? At this point of time above definition will help you.

12. Authenticate with galaxy

Command: `ansible-galaxy login`

The above command authenticate with the galaxy website using a github username and password.

Interview QA: Suppose you are going for the interview and interviewer ask you how to authenticate with galaxy ? At this point of time above command will help you.

13. Import a role.

a. The import command requires that you first authenticate using the login command.Once authenticated you can import any github repository that you own or have been granted access.

Command: `ansible-galaxy import github_user github_repo`

Interview QA: Suppose you are going for the interview and interviewer ask you how to import a role ? At this point of time above command will help you.

14. Branch

a. We can use the -branch option to import a specific branch.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the name of option using which we can import the specific branch ? At this point of time above definition will help you.

15. Role name

a. We can rename the role name by using -role-name option.

Interview QA: Suppose you are going for the interview and interviewer ask you how to change the role name ? At this point of time above option will help you.

16. Delete a role

a. The delete command requires that you first authenticate using the login command.

Command: `ansible-galaxy delete github_user github_repo`

Interview QA: Suppose you are going for the interview and interviewer ask you how to delete a role ? At this point of time above definition will help you.

17. Travis integrations

a. We can create an integration or connection between a role in galaxy and travis.

b. once the connection is established, a build in travis will automatically trigger an import in galaxy , updating the search index with the latest information about the role.

Command: `ansible-galaxy setup travis github_user github_repo XXX-travis-token-xxx`

Interview QA: Suppose you are going for the interview and interviewer ask you how to establish a Travis integrations ? At this point of time above command will help you.

18. List Travis integrations

a. We can use the –list option to display your travis integrations.

Command: `ansible-galaxy setup –list`

Interview QA: Suppose you are going for the interview and interviewer ask you how to list travis integration? At this point of time above command will help you.

19. Remove Travis Integrations

a. We can use the -remove option to disable and remove a travis integration.

Command: `ansible-galaxy setup --remove ID`

Interview QA: Suppose you are going for the interview and interviewer ask you how to remove travis integration ? At this point of time above command will help you.

LINUX KURIOSITY

Ansible (Practical Book)

Playbook keywords

Learn in a Simple & Smart way

1. Introduction

a. There are four playbook objects

1. play
2. Role
3. Block
4. Task

2. Play

a. any_errors_fatal: Force any un-handled task errors on any host to propagate to all hosts and end the play.

b. debugger: Enable debugging tasks based on state of the task result.

c. port : It is used to replace the default port used in a connection.

d. environment: A dictionary that gets converted into environment vars to be provided for the task upon execution.

e. max_fail_percentage: can be used to abort the run after a given percentage of hosts in the current batch has failed.

3. Role

a. become: Boolean that controls if privilege escalation is used or not on task execution.

b. no_log : Boolean that controls information disclosure.

Interview QA: Suppose you are going for the interview and interviewer ask you what is no_log module ? At this point of time above definition will help you.

c. remote_user: user used to log into the target via the connection plugin.

Interview QA: Suppose you are going for the interview and interviewer ask you what is remote_user module ? At this point of time above definition will help you.

d. check_mode: A boolean that controls if a task is executed in 'check' mode.

Interview QA: Suppose you are going for the interview and interviewer ask you what is check_mode module ? At this point of time above definition will help you.

e. module_defaults: Specifies default parameter values for modules.

Interview QA: Suppose you are going for the interview and interviewer ask you what is module_defaults ? At this point of time above definition will help you.

4. Block

a. delegate_facts: It is a boolean that allow you to apply facts to a delegated host instead of inventory_hostname.

Interview QA: Suppose you are going for the interview and interviewer ask you what is delegate_facts ? At this point of time above definition will help you.

b. rescue: list of tasks in a block that run if there is a task error in the main block list.

Interview QA: Suppose you are going for the interview and interviewer ask you what is rescue ? At this point of time above definition will help you.

c. check_mode: It is a boolean that controls if a task is executed in check mode.

Interview QA: Suppose you are going for the interview and interviewer ask you what is check mode ? At this point of time above definition will help you.

d. ignore_unreachable: Boolean that allows you to ignore unreachable hosts and continue with play.

Interview QA: Suppose you are going for the interview and interviewer ask you what is ignore_unreachable module ? At this point of time above definition will help you.

e. run_once: Boolean that will bypass the host loop, forcing the task to attempt to execute on the first host available and afterwards apply any results and facts to all active hosts in the same batch.

Interview QA: Suppose you are going for the interview and interviewer ask you what is run_once ? At this point of time above definition will help you.

f. Task:

a. action: The action to execute for a task, it normally translates into a C(module) or action plugin.

Interview QA: Suppose you are going for the interview and interviewer ask you what is action ? At this point of time above definition will help you.

b. delay: Number of seconds to delay between retries.It is used in combination with until.

Interview QA: Suppose you are going for the interview and interviewer ask you what is delay ? At this point of time above definition will help you.

c. loop_control: several keys here allow you to modify/set loop behaviour in a task.

Interview QA: Suppose you are going for the interview and interviewer ask you what is loop_control module ? At this point of time above definition will help you.

d. register: It is name of variable that will contain task status and module return data.

Interview QA: Suppose you are going for the interview and interviewer ask you what is register ? At this point of time above definition will help you.

e. poll: sets the polling interval in seconds for async tasks (default 10s)

Interview QA: Suppose you are going for the interview and interviewer ask you what is poll ? At this point of time above definition will help you.

LINUX KURIOSITY

Ansible Configuration (Practical Book)

Learn in a Simple & Smart way

1. Introduction

a. Ansible supports a few ways of providing configuration variables, mainly through environment variables, command line switches and an ini file named ansible.cfg

Interview QA: Suppose you are going for the interview and interviewer ask you what is the importance of ansible configuration file? At this point of time above definition will help you.

2. Action_warnings

a. By default ansible will issue a warning when received from a task action (module or action plugin). These warnings can be silenced by adjusting this setting to false.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of action_warnings ? At this point of time above definition will help you.

3. Allow_world_readable_tmpfiles

a. This option makes the temporary files created on the machine to be world readable and will issue
a warning instead of failing the task.It is useful when becoming an unprivileged user.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the importance of allow_world_readable_tmpfiles ? At this point of time above definition will help you.

4. Ansible_nocolor

a. This setting allows suppressing colorizing output, which is used to give a better indication of failure and status information.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of ansible_nocolor ? At this point of time above definition will help you.

5. Ansible_ssh_retries

a. Number of attempts to establish a connection before we give up and report the host as unreachable.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of the ansible_ssh_retries? At this point of time above definition will help you.

6. cache_plugin_connection

a. Defines connection or path information for the cache plugin.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of

cache_plugin_connection ? At this point of time above definition will help you.

7. cache_plugin_timeout

a. expiration timeout for the cache plugin data

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of cache_plugin_timeout ? At this point of time above definition will help you.

8. color_changed

a. defines the color to use on changed task status

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of color_changed ? At this point of time above definition will help you.

9. color_debug

a. defines the color to use when emitting debug messages.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of color_debug ? At this point of time above definition will help you.

10. color_deprecate

a. defines the color to use when emitting deprecation messages.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of the color_deprecate? At this point of time above definition will help you.

11. color_error

a. defines the color to use when emitting error messages.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of the color_error? At this point of time above definition will help you.

12. color_highlight

a. defines the color to use for highlighting.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of color_highlight ? At this point of time above definition will help you.

13. color_ok

a. defines the color to use when showing 'OK' task status

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of the color_ok ? At this point of time above definition will help you.

14. default_ask_su_pass

a. This controls whether an ansible playbook should prompt for a su password.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of the default_ask_su_pass ? At this point of time above definition will help you.

15. default forks

a. maximum number of forks ansible will use to execute tasks on target hosts.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of the ansible configuration file? At this point of time above definition will help you.

16. default_keep_remote_files

a. enables/disables the cleaning up of the temporary files ansible used to execute the tasks on the remote.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of the default_keep_remote_files? At this point of time above definition will help you.

17. default_local_tmp

a. temporary directory for ansible to use on the controller.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the importance of the default_local_tmp ? At this point of time above definition will help you.

18. default_log_filter

a. list of logger names to filter out of the log file.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the use of default_log_filter? At this point of time above definition will help you.

19. default_module_compression

a. compression scheme to use when transferring python modules to the target.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the importance of default_module_compression? At this point of time above definition will help you.

20. default_strategy

a. set the default strategy used for plays.

Interview QA: Suppose you are going for the interview and interviewer ask you what is the importance of default strategy ? At this point of time above definition will help you.

LINUX KURIOSITY

Cloud Modules (Ansible)

Learn in a Simple & Smart way

1. aws_acm_facts (amazon)

a. It is used to retrieve certificate facts from AWS certificate manager service.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the aws_acm_facts ? At this point of time above definition will help you.

2. atomic_container (atomic)

a. It is used to manage the containers on the atomic host platform.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the atomic_container ? At this point of time above definition will help you.

3. azure (Azure)

a. It is used to create or terminate a virtual machine in azure.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the azure ? At this point of time above definition will help you.

4. clc_server (Centurylink)

a. It is used to create, delete, start and stop servers in centurylink cloud.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the clc_server ? At this point of time above definition will help you.

5. cloudscale_server (cloudscale)

a. It is used to manages floating Ips on the cloudscale.ch laas service.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the cloudscale_server ? At this point of time above definition will help you.

6. cs_account (Cloudstack)

a. It is used to manage account on apache cloudstack based clouds.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the cs_account ? At this point of time above definition will help you.

7. digital_ocean (Digital_Ocean)

a. It is used to create or delete a droplet or ssh_key in digitalocean.

8. dimensiondata_vlan (Dimensiondata)

a. It is used to manage a VLAN in a cloud control network domain.

9. docker_container (Docker)

a. It is used to manage docker containers.

10. gc_storage (Google)

a. It is used to manages objects/buckets in google cloud storage.

11. linode (Linode)

a. It is used to manage instances on the linode public cloud.

12. memset_zone (Memset)

a. It is used to creates and deletes memset DNS zones.

13. oneandone_public_ip (Oneandone)

a. It is used to configure 1&1 public Ips.

14. online_user_facts (Online)

a. It is used to gather facts about online user.

15. one_host (Opennebula)

a. Manages opennebula hosts.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the one_host ? At this point of time above definition will help you.

16. os_image (Openstack)

a. It is used to add or delete images from openstack cloud.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the os_image ? At this point of time above definition will help you.

17. packet_device (Packet)

a. It is used to manage a bare metal server in the packet host.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the packet_device ? At this point of time above definition will help you.

18. rax (Rackspace)

a. It is used to create or delete an instance in rackspace public cloud.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the rax ? At this point of time above definition will help you.

19. scaleway_volume _facts (Scaleway)

a. Gather facts about the scaleway volumes avaiable.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the scaleway_volume_facts ? At this point of time above definition will help you.

20. vca_fw (Vmware)

a. It is used to add remove firewall rules in a gateway in a vca.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the vca_fw ? At this point of time above definition will help you.

LINUX KURIOSITY

Clustering & Command modules (Ansible)

Learn in a Simple & Smart way

1. consul

a. It will add , modify or delete services within a consul cluster.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the consul ? At this point of time above definition will help you.

2. consul_acl

a. It will manipulate consul ACL keys and rules.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the vca_fw ? At this point of time above definition will help you.

3. consul_kv

a. It will manipulate entries in the key/value store of a consult cluster.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the consul_kv ? At this point of time above definition will help you.

4. consul_session

a. It is used to manipulate consul sessions.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the consul_session ? At this point of time above definition will help you.

5. etcd3

a. It is used to set or delete key value pairs from an etcd3 cluster.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the etcd3 ? At this point of time above definition will help you.

6. pacemaker_cluster

a. It is used to manage pacemaker clusters.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the pacemaker_cluster ? At this point of time above definition will help you.

7. znode

a. It is used to create, delete, retrieve and update znodes using zookeeper.

8. k8s

a. It is used to manage kubernetes objects.

9. k8s_scale

a. It is used to set a new size for a deployment, replicaset,replication controller or job.

10. k8s_facts

a. Above module describe kubernetes (k8s) objects.

11. kubernetes

a. It is used to manage kubernetes resources.

12. oc

a. It is used to manage openshift resources.

13. command:

a. It is used to executes a command on a remote node.

14. expect

a. It is used to executes a command and responds to prompts.

of the expect ? At this point of time above definition will help you.

15. psexec

a. It is used to run commands on a remote windows host based on the psexec model.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the psexec ? At this point of time above definition will help you.

16. raw

a. It is used to executes a low-down and dirty ssh command.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the raw ? At this point of time above definition will help you.

17. script

a. run a local script on a remote node after transferring it.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the script ? At this point of time above definition will help you.

18. shell

a. execute commands in nodes.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the shell ? At this point of time above definition will help you.

19. telnet

a. executes a low down and dirty telnet command.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the telnet ? At this point of time above definition will help you.

LINUX KURIOSITY

Database & File Modules (Ansible)

Learn in a Simple & Smart way

1. influxdb_database

a. It is used to manage influxdb databases.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the influxdb_database ? At this point of time above definition will help you.

2. kibana_plugin

a. It is used to manage kibana plugins

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the kibana_plugin ? At this point of time above definition will help you.

3. mongodb_user

a. It is used to add or removes a user from a mongodb database.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the mongodb_user ? At this point of time above definition will help you.

4. mssql_db

a. It is used to add or remove MSSQL databases from a remote host.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the mssql_db ? At this point of time above definition will help you.

5. mysql_db

a. It is used to add or remove mysql databases from a remote host.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the mysql_db ? At this point of time above definition will help you.

6. postgresql_db

a. It is used to add or remove postgresql databases from a remote host.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the postgresql_db ? At this point of time above definition will help you.

7. proxysql_global_variables

a. It is used to gets or sets the proxysql global variables

8. vertica_facts

a. It is used to gathers vertica database facts.

9. vertica_user

a. It is used to adds or removes vertica database users and assign roles.

10. acl

a. It is a file module which is used to set and retrieves file ACL information.

11. archive

a. It is used to creates a compressed archive of one or more files or trees.

12. copy

a. Copies files to remote locations.

13. fetch

a. It is used to fetches a file from remote nodes.

14. iso_extract

a. It is used to extract files from an ISO image.

of the iso_extract ? At this point of time above definition will help you.

15. lineinfile

a. Manage lines in text files.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the lineinfile ? At this point of time above definition will help you.

16. stat

a. retrieve file or file system status

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the stat ? At this point of time above definition will help you.

17. tempfile

a. creates temporary files and directories.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the tempfile ? At this point of time above definition will help you.

18. unarchive

a. Unpacks an archive after copying it from the local machine.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the unarchive ? At this point of time above definition will help you.

19. xattr

a. It is used to manage user defined extended attributes.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the xattr ? At this point of time above definition will help you.

20. xml

a. It is used to manage bits and pieces of XML files or strings.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the xml ? At this point of time above definition will help you.

LINUX KURIOSITY

Identity & Messaging modules (Ansible)

Learn in a Simple & Smart way

1. onepassword_facts

a. It is a module which is used to fetch facts from 1password items.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the onepassword_facts? At this point of time above definition will help you.

2. cyberark_authentication

a. It is a module for cyberark vault authentication using PAS web services SDK.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the cyberark_authentication? At this point of time above definition will help you.

3. ipa_config

a. It is a module which is used to manage global freeIPA configuration settings.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the ipa_config? At this point of time above definition will help you.

4. ipa_user

a. It is a module which is used to manage FreeIPA users.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the ipa_user ? At this point of time above definition will help you.

5. ipa_vault

a. It is module which is used to manage FreeIPA vaults.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the ipa_vault? At this point of time above definition will help you.

6. keycloak_client

a. It is a module which allow administration of keycloak clients via keycloak API.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the keycloak_client ? At this point of time above definition will help you.

7. group_by

a. It is a inventory modules which is used to create ansible groups based on facts.

8.rabbitmq_binding

a. It is a module which manages rabbitMQ bindings.

9. rabbitmq_exchange

a. It is a module which manages rabbitMQ exchanges.

10. rabbitmq_user

a. It is a module which is used to add or removes users to RabbitMQ.

LINUX KURIOSITY

Monitoring & Network Modules (Ansible)

Learn in a Simple & Smart way

1. logicmonitor

a. It is a module which is used to manage your logicmonitor account through ansible playbooks.

2. logicmonitor_facts

a. It is a module which is used to collect facts about logicmonitor objects.

3. monit

a. It is a module which is used to manage the state of a program monitored via monit.

4. pagerduty

a. It is a module which is used to create pagerduty maintenance windows.

5. uptimerrobot

a. It is a module which is used to pause and start uptime robot monitoring.

6. zabbix_host_facts

a. It is a module which is used to gather facts about zabbix host.

7. zabbix_group_facts

a. It is a module which is used to gather facts about zabbix hostgroup.

8. net_banner

a. It is a network module which is used to manage multline banners on network devices.

9. net_logging

a. It is a network module which is used to manage logging on network devices.

10. net_ping

a. It is a network module which is used to tests reachability using ping from a network device.

LINUX KURIOSITY

Notification & packaging modules (Ansible)

Learn in a Simple & Smart way

1. Jabber

a. It is a module which is used to send a message to jabber user or chatroom.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the jabber ? At this point of time above definition will help you.

2. twilio

a. It is a module which is used to send text message to a mobile phone through twilio.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the twilio ? At this point of time above definition will help you.

3. say

a. It is a module which makes computer to speak.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the say ? At this point of time above definition will help you.

4. hipchat

a. It is a module which send a message to hipchat.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the hipchat ? At this point of time above definition will help you.

5. slack

a. It is a module which send slack notifications.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the slack ? At this point of time above definition will help you.

6. bower

a. It is a module which manages bower packages with bower

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the bower ? At this point of time above definition will help you.

7. npm

a. It is a module which manages node.js packages with npm.

8. pip

a. It is a module which manages python library dependencies.

9. rhn_channel

a. It is a module which adds or removes redhat software channels.

10. apk

a. It is a module which manages packages with the dnf package manager.

LINUX KURIOSITY

Remote Management & Source code modules (Ansible)

Learn in a Simple & Smart way

1. wakeonlan

a. It is a module which send a magic wake on lan broadcast packet.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the wakeonlan ? At this point of time above definition will help you.

2. hpilo_boot

a. It is a module which boot system using specific media through HP iLO interface.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the hpilo_boot ? At this point of time above definition will help you.

3. ipmi_boot

a. It is a module which is used to manage the order of boot devices.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the ipmi_boot ? At this point of time above definition will help you.

4. ipmi_power

a. It is a module which manages the power of the machine.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the ipmi_power ? At this point of time above definition will help you.

5. ucs_ip_pool

a. It is a module which configures IP address pools on cisco UCS manager.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the ucs_ip_pool ? At this point of time above definition will help you.
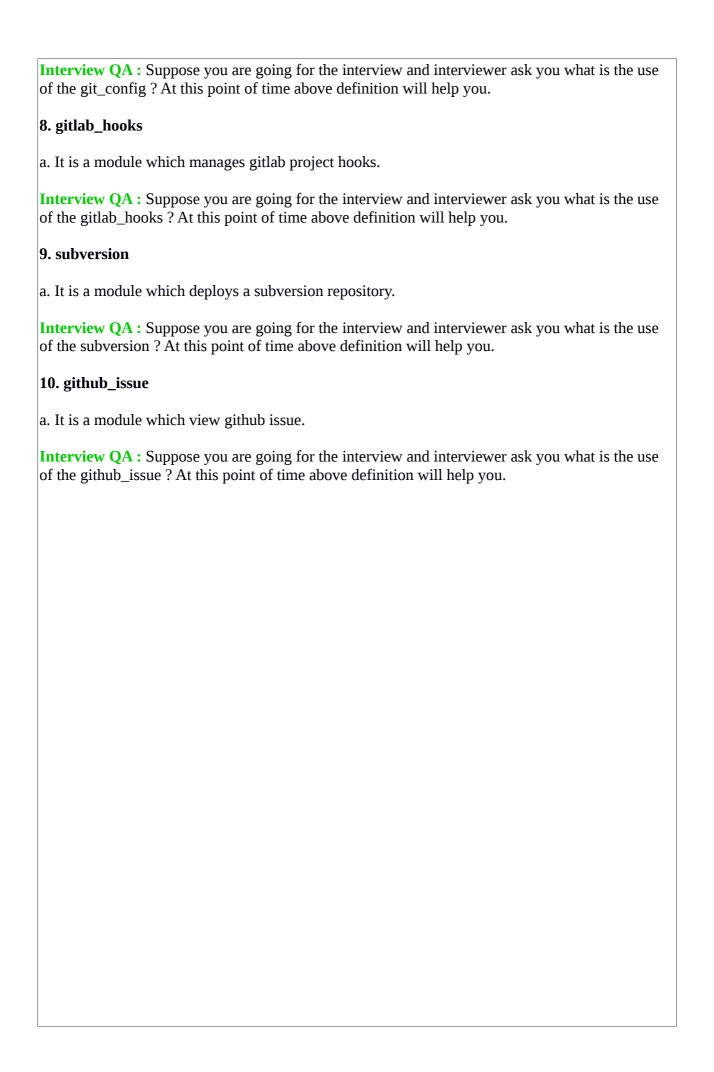
6. git

a. It is a module which deploy software from git checkouts.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the git ? At this point of time above definition will help you.

7. git_config

a. It is a module which read and write git configuration.

8. gitlab_hooks

a. It is a module which manages gitlab project hooks.

9. subversion

a. It is a module which deploys a subversion repository.

10. github_issue

a. It is a module which view github issue.

LINUX KURIOSITY

Storage & System Modules (Ansible)

Learn in a Simple & Smart way

1. emc_vnx_sg_member

a. It is a module which manage storage group member on EMC VNX.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the emc_vnx_sg_member ? At this point of time above definition will help you.

2. gluster_volume

a. It is a module which manage glusterfs volumes.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the gluster_volume ? At this point of time above definition will help you.

3. ibm_sa_vol

a. It is a module which manages volumes on an IBM spectrum acclerate storage array.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the ibm_sa_vol ? At this point of time above definition will help you.

4. infini_vol

a. It is a module which is used to create, delete or modify volumes on infinibox.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the infini_vol ? At this point of time above definition will help you.

5. purefa_ds

a. It is a module which is used to configure flasharray directory service.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the purefa_ds ? At this point of time above definition will help you.

6. at

a. It is a module which schedule the execution of a command or script file via the at command.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the at ? At this point of time above definition will help you.

7. known_hosts

a. It is a module which add or remove a host from the known_hosts file.

8. setup

a. It is a module which gathers fact about remote hosts.

9. ufw

a. It is a module which manage firewall with UFW.

10. vdo

a. It is a module which control VDO.

LINUX KURIOSITY

Utilities & Web Infrastructure Modules (Ansible)

Learn in a Simple & Smart way

1. pause

a. It is a module which pause playbook execution.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the pause ? At this point of time above definition will help you.

2. set_fact

a. It is a module which set host facts from a task.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the set_fact ? At this point of time above definition will help you.

3. set_stats

a. It is a module which set stats for the current ansible run.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the set_stats ? At this point of time above definition will help you.

4. wait_for

a. It is a module which waits for a condition before continuing.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the wait_for? At this point of time above definition will help you.

5. wait_for_connection

a. It is a module which waits until remote system is unreachable /usable.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the wait_for_connection ? At this point of time above definition will help you.

6. htpasswd

a. It is a web infrastructure module which manages user files for basic authentication.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the htpasswd ? At this point of time above definition will help you.

7. jenkins_plugin

a. It is a web infrastructure module which add or remove jenkins plugin.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the jenkins_plugin ? At this point of time above definition will help you.

8. nginx_status_facts

a. It is a web infrastructure module which retrieve nginx status facts.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the nginx_status_facts ? At this point of time above definition will help you.

9. jira

a. It is web infrastructure module which create and modify issues in a JIRA instance.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the jira ? At this point of time above definition will help you.

10. django_manage

a. It is a web infrastructure module which manages a django application.

Interview QA : Suppose you are going for the interview and interviewer ask you what is the use of the django_manage ? At this point of time above definition will help you.