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EX447: Ansible Certified Specialist in Advanced Automation: Ansible Best Practices

Practice Questions
First Edition

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Document Control

Proposal Name : Ansible Certified Specialist in Advanced Automation:
Ansible Best Practices
- Practice Questions

Document Edition : First Edition

Document Release : 7th February 2022

Date

Reference : EX447

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Company Registration No: 10883539

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About the Authors:

This book has been compiled with the help of multiple professional engineers who specialize in different fields, e.g., Networking, Security, Cloud, Big Data, IoT, etc. Each engineer develops content in his/her own specialized field, which is then compiled to form a comprehensive certification guide.

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Career Report: This report is a step-by-step guide for a novice who wants to develop his/her career in the field of computer networks. It answers the following queries:

- What are the current scenarios and future prospects?
- Is this industry moving towards saturation, or are new opportunities knocking at the door?
- What will the monetary benefits be?
- Why get certified?
- How to plan, and when will I complete the certifications if I start today?
- Is there any career track that I can follow to accomplish specialization level?

Furthermore, this guide provides a comprehensive career path towards being a specialist in networking and highlights the tracks needed to obtain certification.

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they are satisfied. Providing good service is one of the most important things that can set our business apart from the others of its kind.

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Study Guides

IPSpecialist Study Guides are the ideal guides to developing the hands-on skills necessary to pass the exam. Our Study Guides cover the official exam blueprint and explain the technology with real-life case study-based labs. The content covered in each Study Guide consists of individually focused technology topics presented in an easy-to-follow, goal-oriented, step-by-step approach. Every scenario features detailed breakdowns and thorough verifications to help you completely understand the task and associated technology.

We extensively used mind maps in our Study Guides to visually explain the technology. Our Study Guides have become a widely used tool to learn and remember information effectively.

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Our Exam Crams notes are a concise bundling of condensed notes of the complete exam blueprint. It is an ideal and handy document to help you remember the most important technology concepts related to the certification exam.

Practice Questions

IP Specialists' Practice Questions are dedicatedly designed from a certification exam perspective. The collection of these questions from our Study Guides is prepared keeping the exam blueprint in mind, covering not only important but necessary topics as well. It is an ideal document to practice and revise your certification.

About this Certifications

Anyone seeking to demonstrate a broader knowledge and understanding of Ansible best practices, applying Ansible in larger and more complex projects, and using Ansible Tower, including those in the following roles, should take the Red Hat Certified Specialist in Advanced Automation: Ansible Best Practices exam:

- Experienced Linux system administrators
- DevOps engineers
- Cloud administrators
- Other IT professionals

Prerequisites

- Be a Red Hat Certified System Administrator (RHCSA®) or have equivalent knowledge and experience with Red Hat Enterprise Linux.
- On Red Hat Enterprise Linux 8, be a Red Hat Certified Specialist in Ansible Automation or a Red Hat Certified Engineer (RHCE®), or demonstrate similar Ansible experience.

The Red Hat Certified Engineer Specialist in Advanced Automation: Ansible Best Practices exam (EX447) is a performance-based assessment of your ability to manage numerous systems using Red Hat® Ansible® Engine and Red Hat Ansible Tower.

You will become a Red Hat Certified Specialist in Advanced Automation: Ansible Best Practices if you pass this exam, and you will be on your way to becoming a Red Hat Certified Architect (RHCA®) if you pass it.

Candidates should achieve Red Hat Certified Engineer (RHCE®) or, at the at least, Red Hat Certified System Administrator (RHCSA®) certifications before taking this exam.

The exam objectives indicate the task areas you may expect to see addressed in the exam to help you prepare. Red Hat has the right to change, add, or eliminate exam objectives at any time. Such adjustments will be announced ahead of time.

The following skills and competencies are required of candidates:

- Ansible's main components are well-understood.
- Execute Ansible commands on the fly.
- To define groupings of hosts, use both static and dynamic inventories.

- Make Ansible scripts and playbooks.
- To build customized configuration files for hosts, develop and use templates.
- Work with variables and facts from Ansible.
- Create roles and work with them.
- Parallelism should be managed.
- Configure external authentication using Ansible Vault in playbooks to protect sensitive data.

About Red Hat Certified: Specialist in Advanced Automation – Ansible Best Practices

Exam Questions	Case study, short answer, repeated answer, MCQs
Number of Questions	80-100
Time to Complete	240 minutes
Exam Fee	400 USD

Recommended Knowledge

Without assistance, you should be able to complete the following grouped tasks:

- Understand and use Git
- Manage inventory variables
- Manage task execution
- Transform data with filters and plugins
- Delegate tasks
- Install Ansible Tower
- Manage access for Ansible Tower
- Manage inventories and credentials
- Manage projects
- Manage job workflows
- Work with the Ansible Tower API

All the required information is included in this course.

	Domain
Domain 1	Understand and use Git

Domain 2	Ansible Inventory Variable
Domain 3	Task Execution
Domain 4	Ansible Tower
Domain 5	Additional Tower Functions

Practice Questions

1. Which of the following is a collection of components that work together to provide an automation tool.
 - A. Chef
 - B. Git
 - C. Ansible
 - D. Terraform

Answer: C

Explanation: Ansible is an open-source tool that allows you to automate, configure and orchestrate your infrastructure. It allows you to automate the deployment of your applications that are on multi-server systems. When you make configuration changes, you can make them one time and apply them across your entire system, which in turn reduces the all-around complexity of your applications.

For more details, you can visit the given URL.

<https://www.ansible.com/>

2. Which of the following is introduced for Ansible?
 - A. Infrastructure as Code
 - B. Software as a Service
 - C. Database as a Service
 - D. Function as a Service

Answer: A

Explanation: Infrastructure as Code (IaC) is a descriptive approach for managing infrastructure (networks, virtual machines, load balancers, and connection architecture) that employs the same versioning as the DevOps team does for source code. An IaC model generates the same environment every time it is applied, similar to the principle that the same source code generates the same binary.

For more details, you can visit the given URL.

<https://www.ansible.com/>

3. Which of the following is true for Ansible?
 - A. Memoryless device

- 3. Programming Language
- 2. GUI Interface
- 1. Automation tool

Answer: D

Explanation: From the hybrid cloud to the edge, Ansible Automation Platform delivers an enterprise architecture for designing and operating IT automation at scale. From development and operations to security and network teams, the Ansible Automation Platform allows users across an organization to create, distribute, and manage automation.

For more details, you can visit the given URL.

<https://docs.ansible.com/>

4. Which of the following domain is true for Ansible?
- 1. Java
 - 3. DevOps
 - 2. Big data
 - 0. Blockchain

Answer: B

Explanation: For orchestration, automation, configuration, and management of IT infrastructure, Ansible is the most popular DevOps tool. Ansible's advantages in DevOps include responding and scaling in response to demand. For more details, you can visit the given URL.

<https://www.ansible.com/>

5. Which of the following is utilized to make the development and deployment process more efficient?
- A. Continuous Test
 - B. Continuous Delivery
 - C. Continuous Intervention
 - D. Continuous Integration

Answer: D

Explanation: Continuous Integration is a technique for speeding up the development and deployment of software. As a result, more cohesive software may be developed more quickly.

For more details, you can visit the given URL.

<https://www.guru99.com/ansible-interview-questions.html>

5. Your system architect has proposed a Tower architecture consisting of a single server connected to a centrally controlled Oracle Database cluster. Is this an acceptable setup?

- A. Tower does not support Oracle DB
- B. Required configuration is correct
- C. Configuration would be correct with clusters of Tower
- D. None of the above

Answer: A

Explanation: While Ansible Tower can connect to external databases, it cannot connect to Oracle.

For more details, you can visit the given URL.

https://docs.oracle.com/cd/E24693_01/server.11203/e10803/config_cw.htm

7. Which of the following language is used by Ansible?

- A. Python
- B. C#
- C. Java
- D. None of the above

Answer: A

Explanation: On many platforms that come with Python 3, Ansible will immediately recognize and use it.

For more details, you can visit the given URL.

<https://docs.ansible.com/>

3. Which of the following is the configuration management tool?

- A. Python
- B. C#
- C. Git
- D. Ansible

Answer: D

Explanation: Ansible is a configuration management tool that is supposed to be easy, dependable, and consistent. If you already work in IT, you will be able to get up and running quickly. Ansible configurations are simple infrastructure data descriptions that humans can read and parse by machines. To begin administering computers, you will only need a password or an SSH (Secure Socket Shell, a network protocol) key.

For more details, you can visit the given URL.

<https://www.netapp.com/knowledge-center/what-is-ansible-configuration-management/#:~:text=Ansible%20consolidates%20resources%20across%20n>

9. Which of the following format is used to represent Playbooks?

- A. YAML
- B. INI
- C. Both A and B
- D. None of the above

Answer: C

Explanation: Ansible playbooks are simply YAML or INI files with unique keywords that tell Ansible what to perform. Ansible anticipates working its way through a list of commands and parameters, as well as any necessary configuration settings. Tasks can run synchronously or asynchronously, depending on the playbook's requirements. All of this is defined using a very simple piece of syntax that both people and computers can understand.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_intro.html

10. Which of the following defines the hosts on which playbooks operate?

- A. Modules
- B. Inventory
- C. Galaxy
- D. Templates

Answer: B

Explanation: The tool you are using for configuration management needs to know which machines it should operate on. This is referred to as an inventory. You would have a set of playbooks that define your intended

system state without an inventory, but you would have no idea which computers to run them on. This information is saved on a central server with Puppet and Chef.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

11. Which of the following is the repository for Ansible Roles?

- A. Galaxy
- B. Inventory
- C. Playbook
- D. Templates

Answer: A

Explanation: Ansible Galaxy is a collection of Ansible Roles that can be dropped right into your Playbooks to speed up your automation efforts. With Ansible, getting up and running is a breeze. Even a new sysadmin might be automating with Ansible in just a few hours. Ansible uses the SSH protocol to automate tasks.

For more details, you can visit the given URL.

<https://galaxy.ansible.com/docs/>

12. How many Ansible Modules are there?

- A. Three
- B. Five
- C. Four
- D. Two

Answer: D

Explanation: Python is used to develop all of Ansible's main modules. They are divided into two groups:

- ansible-modules-core
- ansible-modules-extras

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/2.9/modules/list_of_all_modules.html

13. Which of the following is used in an Ansible ad-hoc command?

- 1. defaults/main.yml
- 3. sudo
- 2. /usr/bin/ansible
- 0. /etc/ansible/hosts

Answer: C

Explanation: An ad-hoc command is like a single command where you are provided one instruction executed on any target host or group.

The /usr/bin/ansible command-line tool is used in an Ansible ad-hoc command to automate a single task on one or more managed nodes. Ad-hoc commands are quick and simple, but they cannot be reused.

For more details, you can visit the given URL.

[https://www.redhat.com/sysadmin/ansible-ad-hoc-commands#:~:text=Ansible%20uses%20ad%20hoc%20commands,perform%](https://www.redhat.com/sysadmin/ansible-ad-hoc-commands#:~:text=Ansible%20uses%20ad%20hoc%20commands,perform%20)

14. Which of the following is an automation tool made up of numerous elements that function together?
- A. Chef
 - B. Git
 - C. Bugzilla
 - D. Ansible

Answer: D

Explanation: Ansible is a collection of components that work together to provide an automation tool. Modules, playbooks, and plugins are the most common examples.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/2.9/modules/list_of_all_modules.html

15. Which of the following core component of Ansible is used for security purposes?
- 1. Task
 - 3. Vault
 - 2. Variable
 - 0. Modules

Answer: B

Explanation: Ansible Vault encrypts variables and files to protect sensitive data like passwords and keys from being exposed in plaintext in playbooks and roles. To encrypt and decrypt content with Ansible Vault, you will need one or more passwords. You will need a script to access your vault passwords if you store them in a third-party application like a secret manager. For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/vault.html

16. _____ Ansible is owned by Red Hat. The Red Hat is owned by _____.

- A. IBM
- B. Docker
- C. Capita
- D. Accenture

Answer: A

Explanation: IBM paid around US\$34 billion for Red Hat, shattering the previous record for the largest software acquisition. IBM and Red Hat will collaborate on a next-generation hybrid multi-cloud platform with the goal of redefining the business cloud market.

For more details, you can visit the given URL.

<https://www.redhat.com/sysadmin/ansible-ad-hoc-commands#:~:text=Ansible%20uses%20ad%20hoc%20commands,perform%20ad%20hoc%20commands>

17. Which of the following work by using the AES256 algorithm?

- A. Firewall
- B. Galaxy
- C. Variable
- D. Vault

Answer: D

Explanation: Vault is set up with file-level granularity, which means that individual files can be encrypted or not. It provides a symmetric encryption key to a user-supplied password using the AES256 algorithm.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/vault.html

18. Which of the following uses TCP or UDP ports?

- A. Template
- B. Galaxy
- C. Firewall
- D. None of the Above

Answer: C

Explanation: Ansible firewalld module is used to update firewall rules on distant hosts. The Linux machines are the remote hosts in this case. TCP or UDP ports, which can be enabled or disabled, are available. Services, too, can be authorized or restricted.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/collections/ansible/posix/firewalld_module.html

19. Which of the following allows you to communicate through Git?

- A. Linux machine
- B. Virtual network
- C. Git Desktop
- D. Simulator

Answer: C

Explanation: GitHub Desktop is a program that lets you communicate with GitHub through a Graphical User Interface (GUI) rather than the command line or a web browser. GitHub Desktop empowers you and your team to collaborate with Git and GitHub utilizing best practices.

For more details, you can visit the given URL.

<https://desktop.github.com/>

20. Which of the following passwords are set in the pre-installation inventory file?

- A. cloud_user
- B. root_user
- C. MariaDB password

D. PostgreSQL password

Answer: D

Explanation: For the installation to succeed, the PostgreSQL passwords must be configured.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible-tower/3.1.1/html/installandreference/tower_install_wizard.html

21. What is the purpose of the Version Control system (VCS)?

A. Monitoring

B. Automatic deployments

C. Execution

D. Configuration

Answer: A

Explanation: When people and teams engage on projects together, a Version Control System, or VCS, monitors the history of modifications. Any previous version of the project can be restored at any moment as developers make modifications to it.

For more details, you can visit the given URL.

<https://subscription.packtpub.com/book/cloud-&-networking/9781786464231/1/ch01lvl1sec13/version-control-system>

22. Which of the following is an Ansible role repository that can be shared across users and inserted straight into playbooks for execution?

A. Functions

B. Galaxy

C. Standalone

D. Modules

Answer: B

Explanation: Galaxy is a repository for Ansible roles that users can share and execute straight from playbooks. It is also used for collection, distributing packages containing roles, plugins, and modules. The `ansible-galaxy-collection` command works similarly to the `ansible-galaxy` command

in terms of init, build, install, etc.

For more details, you can visit the given URL.

<https://galaxy.ansible.com/docs/>

23. Which of the following allowed by Git Desktop to work with it?

- A. Web browser
- B. CLI
- C. PowerShell
- D. GUI

Answer: D

Explanation: GitHub Desktop allows you to push to, pull from, and clone remote repositories, as well as use collaboration capabilities like crediting commits and issuing pull requests through Graphical User Interface (GUI) rather than the command line.

For more details, you can visit the given URL.

<https://desktop.github.com/>

24. Which of the following host Git repositories?

- A. Blockchain
- B. GitHub
- C. Terraform
- D. Ansible

Answer: B

Explanation: GitHub hosts Git repositories and gives developers the tools they need to ship better code via command-line features, issues (threaded discussions), pull requests, code review, and the GitHub Marketplace's library of free and paid apps.

For more details, you can visit the given URL.

<https://desktop.github.com/>

25. Which of the following git command generates a local copy of a remote project?

- A. git clone

- B. git commit
- C. git init
- D. git add

Answer: A

Explanation: The git clone is a command that generates a local copy of a remote project. All of the project's files, history, and branches are included in the clone.

For more details, you can visit the given URL.

26. Which of the following git command is used to define modifications?

- A. git clone
- B. git commit
- C. git add
- D. git pull

Answer: C

Explanation: The git add is a command that allows you to stage a change. Git logs changes to a developer's codebase, but it is necessary to stage and take a snapshot of the changes to include them in the project's history. This command executes the first phase of the two-step process, staging. Any staged modifications will be included in the next snapshot as well as the project's history. Developers can have complete control over the history of their project by staging and committing separately, without having to change how they code or operate.

For more details, you can visit the given URL.

<https://desktop.github.com/>

27. Which of the following could be used when having trouble cloning a repository?

- A. Use HTTPS
- B. Access the repository
- C. Check the availability of the default branch
- D. All options could be possible

Answer: D

Explanation: If you are having trouble cloning a repository, look into the

following:

- You can use HTTPS to connect.
- You have access to the repository you would like to clone.
- The default branch that you would like to clone is still available.

For more details, you can visit the given URL.

<https://desktop.github.com/>

28. Which of the following git command join two lines of code?

- A. git add
- B. git merge
- C. git pull
- D. git status

Answer: B

Explanation: The git merge joins two lines of code together. This command is usually used to merge changes from two different branches. For example, when a developer wants to integrate modifications from a feature branch into the main branch for deployment, they would merge.

For more details, you can visit the given URL.

<https://desktop.github.com/>

29. Which of the following git command is used to track a new file?

- A. git add
- B. git push
- C. git pull
- D. git config

Answer: A

Explanation: The command git add is used to start tracking a new file. You can use the following command to start tracking the README file:

\$ git add README

For more details, you can visit the given URL.

<https://desktop.github.com/>

30. Which of the following git command functions is similar to capturing a picture?

- 1. git status
- 3. git push
- 2. git commit
- 0. git config

Answer: C

Explanation: The change-tracking procedure is completed when the git commit saves the snapshot to the project history. In a nutshell, a commit is similar to capturing a picture. By git commit, anything that has been staged with git add will become part of the snapshot.

For more details, you can visit the given URL.

<https://desktop.github.com/>

31. Which of the script is used for restoring the tower?

- A. set.py
- B. set.sh
- C. restore.sh
- D. API

Answer: B

Explanation: The setup.sh script that was used to install it will be used. Ansible Tower is backed up and restored with it.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible-tower/3.8.5/html/administration/backup_restore.html

32. Which of the following is a web-based tool?

- A. Chef
- B. Git
- C. Ansible Tower
- D. Terraform

Answer: C

Explanation: Red Hat's commercial web-based Ansible management solution is called Ansible Tower. Its most well-known feature is an intuitive

user interface (UI) for managing setups and deployments, which is a substantial advance over the previous UI. The core features of Ansible are contained in Ansible Tower, particularly those that are simpler to see in a graphical style than a text-based approach. It is completely free for up to ten nodes.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

33. How many configuration options for Ansible Tower are there?

- A. Only one
- B. Four
- C. Two
- D. Three

Answer: D

Explanation: You need to decide on some different configuration options before installing Ansible Tower. There are three major considerations.

- Single
- Remote
- Cluster

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

34. It is possible to install both Ansible Tower and Private Automation Hub on the same node?

- A. Yes
- B. No

Answer: B

Explanation: Ansible Tower and a Private Automation Hub instance cannot be installed on the same node. Both Ansible Tower and Automation Hub can be installed using the inventory file. These instructions are only for putting Automation Hub together.

For more details, you can visit the given URL.

<https://access.redhat.com/documentation/en->

[us/red_hat_ansible_automation_platform/1.2/html/installing_and_upgrading_](https://www.redhat.com/en/topics/automation/platform/1.2/html/installing_and_upgrading_)

35. How Ansible is different from Puppet?

- A. Puppet is difficult to understand
- B. Ansible uses Ruby language
- C. Provide good GUI
- D. Visualization and Reporting

Answer: A

Explanation: Both Ansible and Puppet are automated configuration management tools. The main basic difference between them is that Ansible is designed to make complicated orchestration and configuration management chores easier to manage whereas, Puppet can be challenging for new users who need to learn the Puppet DSL or Ruby, because advanced jobs almost always require CLI input.

For more details, you can visit the given URL.

<https://www.zeolearn.com/interview-questions/ansible>

36. Which of the following uses a version control system?

- A. Continuous Test
- B. Continuous Delivery
- C. Continuous Intervention
- D. Continuous Integration

Answer: B

Explanation: Continuous delivery refers to the practice of releasing software as soon as it is completed. This strategy necessitates the usage of a versioning control system. In real production systems, the software is updated on a regular basis.

For more details, you can visit the given URL.

<https://www.guru99.com/ansible-interview-questions.html>

37. Which of the following option is suitable for a large environment?

- A. Remote
- B. Single

- C. Cluster
- D. None of the above

Answer: A

Explanation: If your environment is large enough, you might have to do something like have a remote database. You have a single tower UI server that you log into and manage everything in this option. However, the database is kept on a remote system that can be shared. Therefore, if you already have a large PostgreSQL cluster that your database admins maintain the database on, you can use that for Tower.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

38. The open-source version of Ansible is _____.

- A. Follows Pay-As-You-Go
- B. Free
- C. Very expensive
- D. Follows flat-rate pricing

Answer: B

Explanation: The open-source version of Ansible is free, but the Red Hat-supported version — Ansible Engine, which Red Hat merged with Red Hat Ansible Tower in June 2019 to form a unified solution — is paid per node.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

39. YAML or files are similar to JSON or XML in that they are formatted text files with a few rules.

- A. True
- B. False

Answer: A

Explanation: YAML or files are similar to JSON or XML in that they are formatted text files with a few rules. Ansible uses this syntax for playbooks since it is more readable than other forms.

For more details, you can visit the given URL.

[https://docs.ansible.com/ansible/latest/reference_appendices/YAMLSyntax.ht](https://docs.ansible.com/ansible/latest/reference_appendices/YAMLSyntax.html)

10. What server does the Ansible fact inventory hostname refer to when a playbook is run?

- A. localhost
- B. All host
- C. The server running the task
- D. All of the above

Answer: C

Explanation: The server running the tasks in the playbook is referred to in all Ansible facts.

For more details, you can visit the given URL.

https://www.middlewareinventory.com/blog/ansible-inventory_hostname-ansible_hostname-variables/

11. Which of the following feature allows businesses to automate higher levels of DSC?

- A. Source Control
- B. Dynamic Inventory Source
- C. Scheduling and REST API
- D. None of the above

Answer: C

Explanation: Tower also has a REST API that allows programmers to interact with the Tower setup and inject commands. This feature allows businesses to automate higher Desired State Configuration (DSC) levels while lowering the risk of human mistakes in infrastructure management. This capability also allows administrators to integrate additional tools with Tower, such as a configuration management database, which is particularly useful in large organizations.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

12. Which of the following formats are used for the inventory file?

- A. INI
- B. TXT
- C. TF
- D. C++
- E. YAML
- F. JSON

Answer: A and E

Explanation: The hosts and groups of hosts on which commands, modules, and tasks in a playbook run are defined in the Ansible inventory file. Depending on your Ansible environment and plugins, the file can be in a variety of forms. INI and YAML are two popular formats. /etc/ansible/hosts is the default location for the inventory file. In addition, project-specific inventory files can be created in several locations.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.htm

13. Which of the following command is used to list information?

- A. sudo -i
- B. ssh
- C. tar -xzf
- D. ls

Answer: D

Explanation: To list files, use the ls command. Except for hidden files, "ls" lists all files in the current directory.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/collections/ansible/builtin/shell_module

14. Which of the following command(s) are used to save and quit the inventory?

- A. exit
- B. quit
- C. :wq
- D. # \$ close
- E. Shift+Z+Z

Answer: C and E

Explanation: To save and quit the inventory after adding code, you need to press **esp** and then **:wq** command. It is the same as you used **Shift+Z+Z** for closing the inventory.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_intro.html

15. Which of the following command is used to open inventory file?

- 1. sudo <inventory_name>
- 3. vim <inventory_name>
- 2. <inventory_name>-cd
- 0. # \$ clone git <file_path>

Answer: B

Explanation: The vim is a sophisticated command-line interface (CLI) text editor. The command mode allows you to choose the working mode you want to use. Save, stop, copy, paste, and other options are available, but you cannot edit the file directly in command mode.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

16. Which of the following define configuration management?

- A. Monitoring
- B. Deploying
- C. Tracking
- D. Activating

Answer: C

Explanation: Configuration management is a good practice to stick to if we want to keep track of all the updates that come into the system over time. This is especially useful in situations where a large bug has been introduced into the system as a result of recent changes, and we need to address it quickly. We can roll back the new changes (which produced this bug) instead of fixing the bug because we have been tracking them.

For more details, you can visit the given URL.

<https://www.softwaretestinghelp.com/top-5-software-configuration->

[management-tools/](#)

17. Which of the following command is used to run the setup script?

- A. ./setup.sh
- B. vim <inventory_name>
- C. <inventory_name>-cd
- D. /tmp

Answer: A

Explanation: The ./setup.sh is a shortcut for source./setup.sh, and it runs the script in the current shell rather than launching a new one. This means the script can change the current shell's behavior by setting new environment variables.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

18. Which of the following component of Ansible allows you to work with several nodes (hosts)?

- A. Modules
- B. Vault
- C. Inventory
- D. Galaxy

Answer: C

Explanation: Ansible works with several managed nodes or "hosts" in your infrastructure at the same time using an inventory. You can use patterns to specify which hosts or groups you want Ansible to run against after you have defined your inventory.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

19. How many default groups are there?

- A. Two
- B. Three

- C. Four
- D. Five

Answer: A

Explanation: All and ungrouped are the two default groups. Every host is included in the all group. The ungrouped group is made up of all hosts who do not belong to any other group. Every host will be a part of at least two groups (all and ungrouped or all and some other group).

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html#:~:tex

50. Which of the following file format uses key-value pair?

- A. TXT
- B. TF
- C. INI
- D. YAML

Answer: D

Explanation: YAML is a data serialization language that is commonly used to build configuration files and may be used with any computer language. To make the code more clear, the file employs a key-value pair.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_advanced_synta

51. What is the name of the Ansible Tower systemd service after installation?

- A. ansible-tower-service
- B. automation-platform
- C. Ansible
- D. All of the above

Answer: A

Explanation: Ansible Tower has an admin utility script, ansible-tower-service, that allows you to start, stop, and restart all Tower services on a single Tower node (including the message queue components and the database if it is an integrated installation). The administrator must explicitly

manage external databases. The services script is located in /usr/bin/ansible-tower-service and may be accessed with the following command:

root@localhost:~\$ ansible-tower-service restart

For more details, you can visit the given URL.

https://docs.ansible.com/ansible-tower/latest/html/administration/init_script.html

52. What is the starting point of YAML?

- A. Single hyphen
- B. Three dashes
- C. Semicolon
- D. Exclamation mark

Answer: B

Explanation: Three dashes mark the beginning of the file. The dashes mark the beginning of a new YAML document. Multiple documents are supported by YAML, and complying parsers will detect each set of dashes as the start of a new one.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_advanced_syntax.html

53. Which configuration option allows you to refer hosts by different names?

- A. ansible_port
- B. ansible_user
- C. ansible_host
- D. None of the above

Answer: C

Explanation: This enables you to refer to a host by a different name in the inventory file and in your playbooks than its actual hostname.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

54. Which of the following defines variable hierarchy?

- 1. All group ◇ Parent group ◇ Child group ◇ Host
- 3. All group ◇ Parent group ◇ Host
- 2. Parent group ◇ Child group ◇ Host
- 0. Parent group ◇ All group ◇ Child group ◇ Host

Answer: A

Explanation: There is a hierarchy of variables. Every host is a member of all groups. It is the default group provided by Ansible. There is no need to specify that any individual host is a member of it; it already is. This means that all group is the parent of all other groups. If you apply the variable to all groups, it will get a set of every host.

If you set a variable on a parent group and the variable has identical names with one set in all groups. The one set on the parent group will overwrite whatever is set on the all group.

A child group inside the parent group has a variable with an identical name. It will overwrite the variables that is set either in the parent group or all group.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_variables.html

55. Which of the following contains information about the current host?

- 1. Variable
- 3. User
- 2. Group
- 0. Fact

Answer: D

Explanation: Ansible has the concept of a "fact," which is information about the current host that is available. There are facts accessible for a wide range of information, including the operating system that the computer is running, its IP address, and even how much memory it is using. This information is available as variables for you to use in your playbooks and templates during an Ansible run.

For more details, you can visit the given URL.

<https://www.redhat.com/sysadmin/playing-ansible-facts#:~:text=Ansible%20facts%20are%20data%20gathered,is%20managed%20>

56. Is it possible to manage Windows Nano Server using Ansible?

- A. No
- B. Yes

Answer: A

Explanation: Ansible does not presently support Windows Nano Server since it lacks access to the full.NET Framework required by the bulk of modules and internal components.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/windows_faq.html#:~:text=

57. Which of the following component of Ansible allows you to work with several nodes (hosts)?

- A. Modules
- B. Vault
- C. Inventory
- D. Galaxy

Answer: C

Explanation: Ansible works with several managed nodes or "hosts" in your infrastructure at the same time using an inventory. You can use patterns to specify which hosts or groups you want Ansible to run against after you have defined your inventory.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

58. What is the format of dynamic inventory?

- 1. INI
- 3. JSON
- 2. TXT
- 0. HTM

Answer: B

Explanation: Ansible recognizes the concept of a dynamic inventory, which is a JSON file containing all of the information needed about your machines.

It is mostly intended to be read by machines. Ansible has its own thoughts on the subject, and when it accesses the inventory file you give, it runs certain tests. Ansible will check if the file handed in as the inventory file is executable when you call it. If it is, the file will be executed, and Ansible will begin parsing the incoming data using its JSON parser. If it is not executable, Ansible will read it as an INI file, and if it is a static JSON file, it will fail to parse.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

59. Which of the following provide the characteristics of both static and dynamic inventory?

- A. Hard disk
- B. Virtual disk
- C. Directory
- D. None of the above

Answer: C

Explanation: If you give Ansible a directory as an inventory path, Ansible will read every file in that directory as an inventory and merge them together. This allows you to have both a static inventory file that you control manually and a dynamic Amazon EC2 inventory generated by something like ec2.py.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

50. Which of the following is controlled by callback plugins?

- A. Output
- B. Input

Answer: A

Explanation: Most of the output we see while executing the cmd command is controlled by callback plugins. It can, however, be utilized to generate more output. The log plays callback, for example, is used for logging playbook events to a log file, while the mail callback is used to send an email when a playbook fails. Custom callback plugins can also be added by putting them in a callback plugins directory adjacent to play, inside a role, or in one

of the callback directory sources provided in `ansible.cfg`.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_reuse_roles.html

51. You have been given the responsibility of designing a script that will remove a server from the load balancer, update the server's software, and then return the server to the load balancer.

What directive should you think about utilizing for load balancing tasks?

- A. `register`
- B. `delegate_to`
- C. `when`
- D. `run_load_balancer`

Answer: B

Explanation: This directive permits tasks to be run on a server other than the one running the playbook right now.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/2.9/user_guide/playbooks_delegation.html

52. Which of the following can be used as a configuration option?

- A. SSH private key file
- B. SSH public key file
- C. Both A and B
- D. None of the above

Answer: A

Explanation: To configure an inventory, you can use an ssh private key file.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

53. Which of the following core component of Ansible is like a blueprint of automation tasks?

- A. Galaxy

- B. Template
- C. Playbook
- D. Modules

Answer: C

Explanation: Ansible Playbooks provide simple configuration management and multi-machine deployment method that is repeatable, reusable, and well-suited to deploying complicated applications. If you need to run an Ansible job many times, create a playbook and keep it under source control. The playbook can then be used to push out fresh configuration or confirm remote system configuration. Many relevant strategies are demonstrated in the playbooks in the ansible-examples repository.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_intro.html

34. How many plays exist in the playbook?

- A. Two
- B. Three
- C. Four
- D. Five

Answer: A

Explanation: There are two plays in the playbook:

- The first examines whether the webserver software is up to date and, if necessary, updates it.
- The second verify whether database server software is up to date and, if necessary, installs the update.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_intro.html

35. Which of the following command is used to run the playbook?

- A. sudo ansible-playbook <file_name>.yaml
- B. cli-ansible-playbook <file_name>.yaml
- C. playbook-ansible <file_name>.yaml

D. ansible-playbook <file_name>.yaml

Answer: D

Explanation: To run Ansible playbook using the terminal, you should use the following command.

ansible-playbook <file_name>.yaml

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks.html

56. Which of the following is made up of modules?

A. Vault

B. Playbook

C. Role

D. Variable

Answer: B

Explanation: The playbook is made up of plays, which are made up of modules. When an administrator runs the ansible-playbook command against target machines, it executes. To specify the hosts under the playbook's management, the administrator must utilize an inventory file. The inventory file contains a list of all Ansible-managed hosts and the ability to organize hosts based on their functionality. For example, in the playbook, an administrator can apply one play to a group of web servers and another to a group of database servers.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/2.9/modules/list_of_all_modules.html

57. Ansible playbooks serve as the foundation for a new type of configuration management and multi-machine deployment solution, one that is more suited to deploying complicated applications than any other now available.

A. True

B. False

Answer: A

Explanation: Unlike any other configuration management and multi-

machine deployment technology currently available, and one that is well suited to deploying complicated applications.

For more details, you can visit the given URL.

<https://searchitoperations.techtarget.com/definition/configuration-management-CM>

38. Which of the following protocols does Ansible use to communicate with Linux and Windows?

- A. SSH
- 3. TCP
- C. SNMP
- D. WinRM

Answer: A and D

Explanation: Ansible uses SSH protocol to communicate with Linux and WinRM protocol to communicate with Windows.

For more details, you can visit the given URL.

<https://www.zeolearn.com/interview-questions/ansible>

39. Which of the following ansible tag instructs Ansible to run the tasks listed on the host?

- A. tasks
- B. vars
- C. hosts
- D. names

Answer: C

Explanation: The hosts' tag defines the hosts or host groups we want to perform the task against. The hosts' tag/field is required. It instructs Ansible to run the tasks listed on which hosts. The tasks might be carried out on the same machine or on a different one. Tasks can be run on several machines. Hence the hosts' tag can also have a group of hosts entry.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_tags.html

70. Which of the following allows you to use alternative goals in the playbooks?

- A. Tags
- B. Conditionals
- C. Hosts
- D. Variable

Answer: B

Explanation: Depending on the value of a fact (info about the distant system), a variable, or the result of prior activity, you may want to run multiple activities or have alternative goals in a playbook. You could want the values of some variables to be influenced by the values of others. Alternatively, you may choose to divide your hosts into different groups based on whether they meet certain requirements. All of these things are possible with conditionals. The conditionals are simple if-then statements.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_conditionals.html

71. Which of the following refers to Ansible facts?

- A. Information about the remote system
- B. Configuration details of the terminal
- C. No of the existing hosts
- D. Alert the provisioning of the playbook

Answer: A

Explanation: Data about your remote systems, including operating systems, IP addresses, associated filesystems, and more, is known as ansible facts. The Ansible facts variable contains this information.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/collections/ansible/builtin/set_fact_module.html

72. How many types of Ansible Inventory are there?

- A. Only one
- B. Three
- C. Two
- D. Four

Answer: C

Explanation: There are two sorts of inventory files in Ansible: static and dynamic.

Static Inventory - A static inventory file is a plain text file that contains a list of managed hosts declared under a host group using either hostnames or IP addresses. In each line, the managed host entries are listed below the group name.

Dynamic Inventory - A script built-in Python or another computer language, or the use of plugins, generates dynamic inventory (preferable). Static inventory file setting will fail in a cloud environment because IP addresses change when a virtual server is stopped and restarted.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

73. Which of the following is similar in concept to arrays?

- A. Ansible facts
- B. Directories
- C. Tags
- D. List variables

Answer: D

Explanation: List variables are similar in concept to arrays in other programming/scripting languages. You can use these list variables in the playbook by using the reference of how the array would work in any programming language.

For more details, you can visit the given URL.

<https://www.interviewbit.com/ansible-interview-questions/>

74. Which of the following can be used to remove servers from the load balancer?

- A. Ansible facts
- B. Ansible Tower
- C. Host delegation
- D. List variables

Answer: C

Explanation: Host delegation is used when a task should be run on HostA with information from HostB. For example, suppose you are trying to verify that Apache configuration is correct. In that case, HostA can check and essentially curl HostB to verify that your firewall is set up correctly that your index.html is coming correctly.

Host delegation is also used when you remove the servers from a load balancer, sync files between 2 remote servers, verify a webserver is returning data from outside a firewall, and many more tasks.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/collections/ansible/posix/firewalld_module.html

75. Which of the following can be used to upgrade the Private Automation Hub to the latest version?

- A. Ansible Tower
- B. Inventory
- C. Module
- D. Galaxy

Answer: B

Explanation: Using the Ansible Automation Platform setup bundle installer, you may update your Private Automation Hub to the newest version. Use the inventory file you created when you installed Private Automation Hub to complete this upgrade.

For more details, you can visit the given URL.

https://access.redhat.com/documentation/en-us/red_hat_ansible_automation_platform/1.2/html/installing_and_upgrading_

76. How many scopes are there in Ansible?

- A. Only one
- B. Three
- C. Two
- D. Four

Answer: B

Explanation: You can select where to set a variable based on the scope you

want a variable to have. There are three main scopes in Ansible:

- Global
- Play
- Host

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/2.3/playbooks_variables.html

77. Which of the following is used to allow/block service using Ansible?

- A. Module
- B. Directories
- C. Vault
- D. firewalld

Answer: D

Explanation: On host machines, Ansible firewalld is used to handle firewall rules. This functions similarly to the Linux firewalld daemon in terms of allowing and banning services on the port. It is divided into two major ideas.

- **Zones:** A zone is a location where we can manage which services are available or where the local network interface is connected.
- **Services:** These are often a set of port/protocol combinations (sockets) that your host listens to and can be assigned to one or more zones.

For more details, you can visit the given URLs.

https://docs.ansible.com/ansible/latest/collections/ansible/posix/firewalld_modules.html
<https://www.interviewbit.com/ansible-interview-questions/>

78. What is the main benefit of using variables in Ansible?

- A. Security for sensitive information
- B. Provides free access
- C. Broadcast management
- D. Easy deployment

Answer: A

Explanation: The method of using the variables in the file allows you to work with sensitive information securely outside of a playbook. Therefore, you can easily share playbooks without necessarily sending your password

along with them.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/2.3/playbooks_variables.html

79. Which of the following scope in Ansible is controlled by configuration management and control line?

- A. Host
- B. Global
- C. Play
- D. All of the above

Answer: B

Explanation: Global scope is controlled by configuration, environment variables, and the command line.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/2.3/playbooks_variables.html

30. Which of the following refers to priority?

- A. Playbooks
- B. Tags
- C. Conditionals
- D. Precedence

Answer: D

Explanation: Variables that are defined more recently, more actively, and with a more specific scope are given priority by Ansible. Variables in a role's defaults folder can be readily overridden. Anything in the role's vars directory overrides prior namespace versions of that variable.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_intro.html

31. Which of the following indicate variable?

- A. -f
- B. -v
- C. -e
- D. -h

Answer: C

Explanation: The --extra-vars (or -e) argument can be used to set variables on the command line. Variables can be specified using the formats below, with a single-quoted string containing one or more variables.

ansible-playbook release1.yml -e "latest-version=1.4.5"

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_intro.html

32. Which of the following contains the configuration settings of the file in Ansible Tower?

- A. Ubuntu version 18.04
- B. Playbook
- C. Template
- D. Inventory

Answer: C

Explanation: A template is a file that contains all of your configuration settings.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

33. Which of the following is an automation tool?

- A. Ansible
- B. Virtual Machine
- C. EC2 instance
- D. Compute Engine

Answer: A

Explanation: Ansible is a basic IT automation tool that automates monotonous operations and allows DevOps teams to focus on more important duties.

For more details, you can visit the given URL.

<https://www.ansible.com/overview/how-ansible-works>

34. Which of the following can be used for integration purposes?

- A. Inventory file
- B. Ansible Galaxy
- C. GUI Interface
- D. RBAC

Answer: B

Explanation: You may apply that principle to your playbooks by using centralized copies of Ansible roles, such as those found in Ansible Galaxy. Tower automatically retrieves the roles your playbook requires from Galaxy, GitHub, or your local source control system when you include an Ansible Galaxy requirements.yml file in your project directory.

For more details, you can visit the given URL.

<https://galaxy.ansible.com/docs/>

35. Which of the following can be used to better model the complicated processes?

- A. Workflow Nesting
- B. Pause and Approval
- C. Convergence node for workflow
- D. Inventory overrides for workflow
- E. All of the above

Answer: E

Explanation: To better model the complicated processes, we may refer to the following.

- **Inventory Overrides for Workflow** - You can now override an inventory across a process at workflow definition time or even at launch time. Define your application deployment workflow and reuse it across numerous environments with ease.
- **Convergence nodes for Workflow** - When modeling complex processes, you may need to wait for several phases to complete before moving on. Workflow steps in Ansible Tower may now easily imitate this; workflow steps can now wait for any number of previous workflow steps to complete properly before advancing.
- **Workflow Nesting** - Individual processes can be reused as parts of a

bigger workflow. Combining provisioning and application deployment operations into a single master workflow is a good example.

- **Workflow Pause and Approval** - You can create workflows that include user-interactive approval nodes. This enables users to halt workflows in between playbooks so that they can approve (or deny) moving on to the next stage in the process.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html

36. Which of the following uses Automation Controller Collection?

- A. Playbook
- B. C#
- C. Modules
- D. Job Template

Answer: A

Explanation: Ansible Playbooks can use the Automation Controller Collection to automate interactions with automation controllers. Manual interaction via the Web-based UI or API, for example, can now be automated, like the targets it monitors.

This collection allows you to build, update, and delete automation controller objects programmatically and conduct actions like running jobs, changing configurations, and more.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_intro.html

37. Which of the following defines the Ansible register?

- A. Controlled the output
- B. Encrypt the input and output
- C. Stores output from task execution
- D. Prevent attacks

Answer: C

Explanation: The output from task execution is stored in a variable using the Ansible register. When we have various outputs from each remote host, this

is handy. We can use set facts to change the data and provide input to other activities because the register value is valid throughout the playbook execution.

For more details, you can visit the given URL.

<https://www.guru99.com/ansible-interview-questions.html>

38. Which of the following is used for the repetitive tasks?

- A. Workflow template
- B. C#
- C. Java
- D. Job Template

Answer: D

Explanation: A job template is a set of parameters and a definition for performing an Ansible job. Job templates are in handy when you need to repeat a task several times. Job templates also promote the reuse of Ansible playbook content and cross-team collaboration. While the REST API allows you to run tasks straight from the command line, Tower requires you to first construct a job template.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

39. Which of the following is used to track the job set?

- A. Node
- B. C#
- C. Workflow template
- D. Job Template

Answer: C

Explanation: A workflow job template connects diverse resources to track the entire set of jobs involved in the release process as a unified entity.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible-tower/latest/html/userguide/job_templates.html


40. When you log in to Ansible Tower, the main page will appear in

_____?

- 1. Compact
- 3. Launch
- 2. Preview
- 0. None of the above

Answer: A



Explanation: After logging in to the Tower, the () menu displays a list of presently available workflow and job templates. The default view (Compact) shows the template name, template type, and the statuses of the jobs that used that template, but you may expand the view by clicking Expanded to see more information.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

Q1. Which of the following option is used to see the workflow result?

- 1. Compact
- 3. Launch
- 2. Copy
- 0. None of the above

Answer: B

Explanation: To see the configuration results of template (either workflow or job), the Launch option is used.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible-tower/latest/html/userguide/job_templates.html

Q2. Which of the following CLI command is used for Ansible collection?

- 1. ansible.controller
- 3. ansible.controller.collection
- 2. collection.ansible
- 0. ansible.collection

Answer: D

Explanation: The ansible.controller is a command-line interface for Ansible. Ansible Collection is a Red Hat Ansible Automation Platform 2 downstream supported distribution available on the Ansible automation hub.

For more details, you can visit the given URL.

<https://www.redhat.com/rhdc/managed-files/ma-ansible-automation-platform-2-ebook-f30107-202109-en.pdf>

3. Which of the following is used to deal with Ansible Tower simply?

- A. Portal
- B. Templates
- C. CLI
- D. PowerShell

Answer: C

Explanation: Ansible Tower has a command-line tool called tower-cli. It makes it simple to run Tower instructions from the UNIX command line. It can also be used as a client library for other Python projects or as a reference for those working with Tower's REST API.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

4. Which of the following command is used for configuration in CLI?

- A. tower-cli
- B. tower-cli config
- C. cli.cfg
- D. ansible-tower-cli config

Answer: B

Explanation: The tower-cli config command is the primary method of setting configuration.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

15. Which of the following is the configuration file?

- A. tower.cfg
- B. ansible-tower.txt
- C. tower-ansible-cli.cfg
- D. tower-cli.cfg

Answer: D

Explanation: You may see a full list of configuration parameters and where they are set by running the tower-cli config command without any arguments. The environment variables can override your tower-cli.cfg settings by default, but they cannot override configuration values put in on the command line at runtime.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

16. Which of the following flag define certificate information?

- A. k
- B. H
- C. b
- D. g

Answer: A

Explanation: For using Tower API, the “k” flag is used because of the self-signed certificate.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

17. Which of the following command is used for code editor?

- A. sudo
- B. vim
- C. cat
- D. None of the above

Answer: B

Explanation: When using the Linux terminal, you can deal with multiple core components of Ansible. To write a code in the editor, you will be

required to open the code editor by using the “vim <file-name>” command.
For more details, you can visit the given URL.

<https://www.tecmint.com/understand-core-components-of-ansible/>

98. Which of the following path is used to access the instance's REST API?

- A. [http://ansible-tower<server name>/api/v2](#)
- B. [http://Tower-<server name>/api/v4](#)
- C. [http://Tower <server name>/api/v2](#)
- D. [https://Tower <server name>/api/v2](#)

Answer: C

Explanation: The API for Ansible Tower is fully browsable. You can access your instance's REST API by typing [http://Tower <server name>/api/v2](#) into your browser. After that, you can click any of the provided links to see the current objects loaded in Ansible Tower for that attribute.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

99. Which of the following is the instruction manual used to handle setup and deployment?

- A. Modules
- B. Templates
- C. Roles
- D. Playbooks

Answer: D

Explanation: Playbooks are your instruction manuals, and your inventory of hosts is your raw material if Ansible modules are the tools in your workshop. Playbooks can be used to handle remote machine setups and deployments at a basic level. They can sequence multi-tier rollouts involving rolling updates and delegate operations to other hosts at a higher level, all while interfacing with monitoring servers and load balancers.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_intro.html

100. Which of the following is an Ansible's attribute?

- A. Tags
- B. Playbook
- C. Module
- D. Inventory

Answer: A

Explanation: An attribute that defines the structure, plays, tasks, and roles of Ansible is called a tag. When a large playbook is required, it is preferable to run only a portion of it rather than the full thing.

For more details, you can visit the given URL.

<https://www.redhat.com/en/topics/automation/what-is-an-ansible-playbook#:~:text=An%20Ansible%C2%AE%20playbook%20is,make%20up>

101. Which of the following command is used to check the status of Ansible Tower?

- A. cat status ansible-tower
- B. sudo systemctl status ansible-tower
- C. sudo si – ansible.tower
- D. sudo si - ansible

Answer: B

Explanation: Before going to do any work in Ansible tower, you should check the status of Ansible Tower by using the following command.

sudo systemctl status ansible-tower

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/basic_concepts.html

102. What is the purpose of Ansible-Doc?

- A. Convert information in encrypted form
- B. Process the information
- C. Allocate firewall rules
- D. Display information

Answer: D

Explanation: Ansible-Doc is a tool that displays information about modules in Ansible libraries. It generates a short "snippet" that can be inserted into a playbook and displays a succinct listing of plugins and their short descriptions, as well as a printout of their DOCUMENTATION strings.

For more details, you can visit the given URL.

<https://docs.ansible.com/ansible/latest/cli/ansible-doc.html>

103. Which of the following defines block?

- A. Logical grouping
- B. Encryption
- C. Template
- D. Firewall

Answer: A

Explanation: Blocks enable logical job organization and in-game error management. The majority of what you can do with a single job can be done at the block level, making it easier to define data or directives shared between tasks. This does not imply that the directive has any effect on the block itself but rather that it is inherited by the tasks contained within the block. i.e., the when will be applied to the tasks rather than the block.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/user_guide/playbooks_blocks.html

104. Which of the following does Ansible use the most common communication protocol?

- A. XML over HTTPS
- B. API over SSH
- C. CLI over SSH
- D. All of the above

Answer: C

Explanation: They can handle different communication protocols because they are nodes. The platform and the module's function determine the communication mechanism for each network module (XML over SSH, CLI

over SSH, API over HTTPS). Some network modules only support one protocol, while others provide a choice. CLI over SSH is the most prevalent protocol.

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/network/getting_started/network_differ

105. Does Ansible support Amazon Web Service (AWS)?

A. No

B. Yes

Answer: B

Explanation: There are several modules available in Ansible that can support AWS. Some of the most commonly used modules include:

- Autoscaling groups
- EC2 instances
- Virtual Private Cloud
- Security Groups
- CloudTrail
- Relational Database Service

For more details, you can visit the given URL.

https://docs.ansible.com/ansible/latest/dev_guide/platforms/aws_guidelines.ht

106. Which of the following can be used to trigger the status of a service?

A. Handlers

B. Task

C. Module

D. Fact

Answer: A

Explanation: Handlers are used to change a service's status, such as restarting or stopping it.

For more details, you can visit the given URL.

<https://www.javatpoint.com/ansible-interview-questions>

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