**What is Ansible primarily used for?**

1. Data analysis
2. Network monitoring
3. Configuration management and automation
4. Web development

**Correct Answer:** 3

**Which protocol does Ansible use to communicate with remote hosts by default?**

1. FTP
2. SSH
3. HTTP
4. Telnet

**Correct Answer:** 2

**What makes Ansible agentless?**

1. It uses Docker
2. It does not require any software installed on the managed nodes
3. It runs in the cloud
4. It uses web sockets

**Correct Answer:** 2

**Which of the following is a valid use case for Ansible?**

1. Creating mobile apps
2. Building websites
3. Automating software provisioning
4. Designing UI

**Correct Answer:** 3

**Which of the following is a prerequisite to use Ansible effectively?**

1. Java knowledge
2. Understanding of Linux and networking
3. React framework experience
4. SQL database design

**Correct Answer:** 2

**Ansible works on the principle of?**

1. Client-server architecture
2. Push-based automation model
3. Pull-based model
4. Peer-to-peer

**Correct Answer:** 2

**In Ansible terminology, a 'playbook' is?**

1. Shell script
2. Log file
3. YAML file that defines automation tasks
4. Text-based configuration

**Correct Answer:** 3

**Which Ansible component defines the list of hosts to be managed?**

1. Inventory
2. Module
3. Role
4. Plugin

**Correct Answer:** 1

**What are the two main types of Ansible inventories?**

1. Permanent and temporary
2. Static and dynamic
3. Manual and automatic
4. Scripted and tabular

**Correct Answer:** 2

**What is the default Ansible hosts file location?**

1. /etc/ansible.cfg
2. /etc/ansible/hosts
3. ~/ansible/hosts
4. /var/ansible/hosts

**Correct Answer:** 2

**Which command validates and displays inventory structure in Ansible?**

1. ansible-inventory
2. ansible-hosts
3. ansible-validate
4. ansible-list

**Correct Answer:** 1

**How can you assign a variable to a group in an inventory file?**

1. Using a shell script
2. By defining it under [group:vars]
3. Using a JSON file
4. You can't assign variables to groups

**Correct Answer:** 2

**Which of these is NOT a core Ansible module type?**

1. File
2. User
3. Crontab++
4. Yum

**Correct Answer:** 3

**What are Ansible plugins used for?**

1. Writing playbooks
2. Storing variables
3. Extending Ansible’s core features
4. Hosting websites

**Correct Answer:** 3

**How do you access official Ansible module documentation?**

1. man ansible-docs
2. ansible-doc <module\_name>
3. ansible-help
4. From the inventory file

**Correct Answer:** 2

**What is the correct syntax to run an ad hoc command to ping all hosts?**

1. ping all
2. ansible -p all
3. ansible all -m ping
4. ansible all –ping

**Correct Answer:** 3

**Which language is used to write Ansible Playbooks?**

1. JSON
2. YAML
3. XML
4. Python

**Correct Answer:** 2

**Which of the following is a valid section in an Ansible Playbook?**

1. configs
2. tasks
3. runs
4. do

**Correct Answer:** 2

**What is the command to run an Ansible Playbook?**

1. ansible-run
2. run-playbook
3. ansible-playbook
4. ansible-exec

**Correct Answer:** 3

**What are magic variables in Ansible?**

1. Variables used in templates
2. Special predefined variables automatically created by Ansible
3. Environment variables in Linux
4. Secure vault variables

**Correct Answer:** 2

**What are facts in Ansible?**

1. Static values defined by users
2. Automatically collected information about managed nodes
3. External APIs
4. Reserved variables

**Correct Answer:** 2

**How do you gather facts in a playbook?**

1. Using collect\_facts
2. Using gather\_facts: yes
3. Using – include\_facts
4. Using import\_facts

**Correct Answer:** 2

**Which command shows all facts about a host?**

1. ansible-playbook show-facts.yml
2. ansible-facts all
3. ansible <host> -m setup
4. ansible inventory --facts

**Correct Answer:** 3

**How can you disable fact gathering in a playbook?**

1. collect\_facts: false
2. gather\_facts: no
3. disable\_facts: true
4. facts: disable

**Correct Answer:** 2

**Which syntax is used for conditionals in tasks?**

1. check:
2. when:
3. if:
4. condition:

**Correct Answer:** 2

**Which keyword triggers a handler in Ansible?**

1. trigger:
2. restart:
3. notify:
4. alert:

**Correct Answer:** 3

**Which command is used to create a role structure?**

1. ansible-galaxy init <role\_name>
2. ansible-role create
3. ansible-role init
4. init-role <name>

**Correct Answer:** 1

**What is the default folder for handlers in a role?**

1. /default
2. /actions
3. /handlers
4. /tasks

**Correct Answer:** 3

**Which directive includes a role inside a playbook?**

1. run\_role:
2. require\_role:
3. roles:
4. execute:

**Correct Answer:** 3

**Which is true about import\_role vs include\_role?**

1. import\_role is dynamic
2. "import\_role is static, include\_role is dynamic"
3. Both are dynamic
4. Both are static

**Correct Answer:** 2

**Where do you define dependencies between roles?**

1. In vars/main.yml
2. In meta/main.yml
3. In defaults/main.yml
4. In requirements.yml

**Correct Answer:** 2

**Where are default variables for a role defined?**

1. Vars/
2. group\_vars/
3. Defaults/main.yml
4. Inventory/

**Correct Answer:** 3

**What is a Collection in Ansible?**

1. A playbook group
2. "A distribution format for roles, modules, and plugins"
3. A facts archive
4. An encrypted role

**Correct Answer:** 2

**How do you install a collection from Ansible Galaxy?**

1. ansible-collection download
2. galaxy install
3. ansible install collection <name>
4. ansible-galaxy collection install <name>

**Correct Answer:** 4

**What is Ansible Galaxy primarily used for?**

1. Sharing and downloading roles and collections
2. Cloud deployment
3. Managing inventories
4. Encrypting secrets

**Correct Answer:** 1

**Which command encrypts a file using Ansible Vault?**

1. vault encrypt <file>
2. ansible-vault secure <file>
3. encrypt-file –vault
4. ansible-vault encrypt <file>

**Correct Answer:** 4

**Which command checks for syntax errors in a playbook without executing it?**

1. ansible-playbook validate.yml
2. ansible-playbook playbook.yml --syntax-check
3. ansible syntax-check
4. ansible-lint –check

**Correct Answer:** 2

**What happens if a required module parameter is missing in a playbook?**

1. The playbook continues with default values
2. The parameter is ignored
3. It auto-generates the parameter
4. An error is thrown and the task fails

**Correct Answer:** 4

**Which flag can be used to show detailed execution of a playbook step-by-step?**

1. #NAME?
2. #NAME?
3. use -v or -vvv for more verbosity
4. #NAME?

**Correct Answer:** 3

**What is the main use of the tags feature in Ansible Playbooks?**

1. To install dependencies
2. To run specific tasks selectively
3. To version control tasks
4. To create backup

**Correct Answer:** 2

**How can you run only tasks tagged with “install”?**

1. ansible-playbook playbook.yml --include install
2. ansible-playbook --run install
3. ansible-run playbook.yml --install
4. ansible-playbook playbook.yml --tags install

**Correct Answer:** 4

**What does the register keyword do in a playbook?**

1. Captures the output of a task
2. Creates an environment variable
3. Marks a variable as global
4. Declares a static role

**Correct Answer:** 1

**Which module is often used with register to debug output values?**

1. ping
2. copy
3. include\_rule
4. debug

**Correct Answer:** 4

**What does the ansible-lint utility help with?**

1. Encrypting files
2. Running playbooks
3. Checking for playbook best practices and common errors
4. Validating inventory

**Correct Answer:** 3

**What is AWX in the context of Ansible?**

1. A web-based UI for managing Ansible automation
2. A database tool
3. A container runtime
4. A backup manager

**Correct Answer:** 1

**Which platform is used to deploy AWX in production environments?**

1. cri-o
2. Vagrant
3. Podman
4. Kubernetes

**Correct Answer:** 4

**What is the default method to access AWX after installation?**

1. CLI only
2. Web-based user interface (Web UI)
3. Mobile app
4. VS Code plugin

**Correct Answer:** 2

**Which of these AWX features allows centralized credential management?**

1. Jobs
2. Credentials tab
3. Templates
4. Schedules

**Correct Answer:** 2

**What must be created in AWX before running a Playbook?**

1. Galaxy Account
2. Static Inventory
3. Kubernetes secret
4. Job Template

**Correct Answer:** 4

**"In AWX, which component holds the playbook source (like github)?"**

1. Project
2. Credential
3. Inventory
4. Job

**Correct Answer:** 1