

[December-2020300-910 VCE Dumps Free 300-910 65 Offered for Downloading in Braindump2go[Q39-Q59

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QUESTION 39 Which two characteristics of a build tool that is used in an automated build pipeline? (Choose two.)

A. It runs unit tests against code that is committed.

B. It builds your software on the production environment.

C. It builds your software when changes are committed.

D. It builds your software every 500 milliseconds.

E. It must have a plug-in for Puppet and Maven.

Answer: AC

QUESTION 40 When DevOps practices are integrated into an existing organization, which two characteristics are positive indicators of DevOps maturity? (Choose two.)

A. mean time between success

B. mean time to recover

C. cone testing

D. change lead time

E. age of codebase

Answer: BD

QUESTION 41 Which two statements about Infrastructure as Code are true? (Choose two.)

A. Test-driven development practices make use of Infrastructure as Code.

B. Infrastructure as Code refers to automated testing libraries.

C. DevOps builds upon Infrastructure as Code.

D. Infrastructure as Code is based on practices from software development.

E. Infrastructure as Code must use the same programming language as the application.

Answer: AD

QUESTION 42 Refer to the exhibit. The exhibit shows the output of an Ansible task that prints the contents of the `show_ip_int_brief` variable that was registered in a different task in the playbook.


TASK [Print the contents of the "show_ip_int_brief" variable]

```
*****
show_ip_int_brief:
  - interface: Ethernet1/1
    ip_address: 10.1.1.1
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/1
    status: up
  - interface: Ethernet1/2
    ip_address: 10.1.1.2
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/2
    status: up
  - interface: Ethernet1/3
    ip_address: 10.1.1.3
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/3
    status: up
  - interface: Ethernet1/4
    ip_address: 10.1.1.4
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/4
    status: up
  - interface: Ethernet1/5
    ip_address: 10.1.1.5
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/5
    status: up
  - interface: Ethernet1/6
    ip_address: 10.1.1.6
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/6
    status: up
  - interface: Ethernet1/7
    ip_address: 10.1.1.7
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/7
    status: up
  - interface: Ethernet1/8
    ip_address: 10.1.1.8
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/8
    status: up
  - interface: Ethernet1/9
    ip_address: 10.1.1.9
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/9
    status: up
  - interface: Ethernet1/10
    ip_address: 10.1.1.10
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/10
    status: up
  - interface: Ethernet1/11
    ip_address: 10.1.1.11
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/11
    status: up
  - interface: Ethernet1/12
    ip_address: 10.1.1.12
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/12
    status: up
  - interface: Ethernet1/13
    ip_address: 10.1.1.13
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/13
    status: up
  - interface: Ethernet1/14
    ip_address: 10.1.1.14
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/14
    status: up
  - interface: Ethernet1/15
    ip_address: 10.1.1.15
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/15
    status: up
  - interface: Ethernet1/16
    ip_address: 10.1.1.16
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/16
    status: up
  - interface: Ethernet1/17
    ip_address: 10.1.1.17
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/17
    status: up
  - interface: Ethernet1/18
    ip_address: 10.1.1.18
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/18
    status: up
  - interface: Ethernet1/19
    ip_address: 10.1.1.19
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/19
    status: up
  - interface: Ethernet1/20
    ip_address: 10.1.1.20
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/20
    status: up
  - interface: Ethernet1/21
    ip_address: 10.1.1.21
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/21
    status: up
  - interface: Ethernet1/22
    ip_address: 10.1.1.22
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/22
    status: up
  - interface: Ethernet1/23
    ip_address: 10.1.1.23
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/23
    status: up
  - interface: Ethernet1/24
    ip_address: 10.1.1.24
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/24
    status: up
  - interface: Ethernet1/25
    ip_address: 10.1.1.25
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/25
    status: up
  - interface: Ethernet1/26
    ip_address: 10.1.1.26
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/26
    status: up
  - interface: Ethernet1/27
    ip_address: 10.1.1.27
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/27
    status: up
  - interface: Ethernet1/28
    ip_address: 10.1.1.28
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/28
    status: up
  - interface: Ethernet1/29
    ip_address: 10.1.1.29
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/29
    status: up
  - interface: Ethernet1/30
    ip_address: 10.1.1.30
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/30
    status: up
  - interface: Ethernet1/31
    ip_address: 10.1.1.31
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/31
    status: up
  - interface: Ethernet1/32
    ip_address: 10.1.1.32
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/32
    status: up
  - interface: Ethernet1/33
    ip_address: 10.1.1.33
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/33
    status: up
  - interface: Ethernet1/34
    ip_address: 10.1.1.34
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/34
    status: up
  - interface: Ethernet1/35
    ip_address: 10.1.1.35
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/35
    status: up
  - interface: Ethernet1/36
    ip_address: 10.1.1.36
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/36
    status: up
  - interface: Ethernet1/37
    ip_address: 10.1.1.37
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/37
    status: up
  - interface: Ethernet1/38
    ip_address: 10.1.1.38
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/38
    status: up
  - interface: Ethernet1/39
    ip_address: 10.1.1.39
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/39
    status: up
  - interface: Ethernet1/40
    ip_address: 10.1.1.40
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans: false
    name: Ethernet1/40
    status: up
  - interface: Ethernet1/41
    ip_address: 10.1.1.41
    ip_netmask: 255.255.255.0
    ip_prefix_length: 24
    ip_vrf: default
    is_loopback: false
    is_vlans:
```

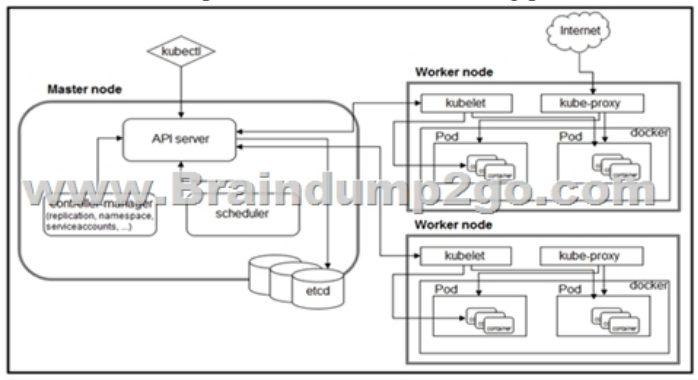
```
TASK [Print the contents of the "show_ip_int_brief" variable]
*****
ok: [ios-xe-mgmt.cisco.com] => {
  "show_ip_int_brief": {
    "changed": false,
    "failed": false,
    "stdout": [
      "Interface                IP-Address      OK?  Method Status
Protocol:GigabitEthernet1    10.10.20.48
VxgigabitEthernet2          10.10.18
13.13.13.13                YES  other  up      up
VxgigabitEthernet3          10.10.18
13.13.13.13                YES  other  up      up
"stdout_lines": [
    {
      "Interface                IP-Address      OK?  Method Status
      "GigabitEthernet1        10.10.20.48
      "GigabitEthernet2        10.10.10.18
      "GigabitEthernet3        13.13.13.13
    ]
  ]
}
```

Which expression is used to print the output of the command without its header row? A. `show_ip_int_brief[stdout_lines][0]` B. `show_ip_int_brief[stdout_lines][1:]` C. `show_ip_int_brief[stdout_lines][0][1:]` D. `show_ip_int_brief[stdout_lines]` Answer: B

QUESTION 43 Refer to the exhibit. A developer needs to scale the existing pods within the worked nodes. Which object should be edited to achieve this goal?



```
graph TD
    Internet((Internet))
    subgraph Worked1 [Worked]
        Pod1[Pod]
        Service1[Service]
    end
    subgraph Worked2 [Worked]
        Pod2[Pod]
        Service2[Service]
    end
    Internet --- Worked1
    Internet --- Worked2
```



A. ReplicaSetB. PriorityClassC. DeploymentD. PodAnswer: AQUESTION 44Which of the following is part of DevOps virtuous Cycle?A. Lower QualityB. Increased LatencyC. Slower ReleasesD. Improved ScalabilityAnswer: DQUESTION 45What is considered the foundation for DevOps success?A. sharingB. automationC. cultureD. measurementAnswer: CQUESTION 46Refer to the exhibit. What is causing the requests code to fail?

```
1 ...
2 >>> response = requests.get(
3 ...     f'http://mydnacenter.local/dna/intent/api/v1/network-device/ip-address/{device_id}'
4 ...     headers = {
5 ...         'Content-type': 'application/json'
6 ...     }
7 ... )
8
9 Traceback (most recent call last):
10 File "<stdin>", line 1, in <module>
11 NameError: name 'requests' is not defined
```

A. Rython3 is not compatible with requests.B. The requests library is not imported.C. The requests library is not installed.D. The requests coming into stdin fail because device_ip cannot be parsed.
Answer: BQUESTION 47A DevOps engineering wants to

build an application implementation based on the CI/CD pipeline model. Which service should be used to provide hosted continuous service for open and private projects?A. AnsibleB. pyATSC. Genie CLID. Travis CIAAnswer: DQUESTION 48A DevOps engineer has built a new container and must open port 8080 for intercontainer communication. Which command must be added in a Dockerfile to accomplish this goal?A. EXPOSE 8080B. FIREWALL ADD-PORT 8080C. PORT 8080D. OPEN PORT 8080Answer: AQUESTION 49Which two actions help limit the attack surface of your Docker container? (Choose two.)A. Run only a single service in each container.B. Run all services in a single image.C. Use version tags for base images and dependencies.D. Use Kali Linux as a base image.E. Download images over HTTPS supporting sites.Answer: CEQUESTION 50A DevOps engineer has built a container to host a web-server and it must run as an executable. Which command must be configured in a Dockerfile to accomplish this goal?A. ENTRYPOINT <usr/sbin/apache2ctl>B. ENTRYPOINT ["/usr/sbin/apache2ctl", "-D", "FOREGROUND"]C. ENTRYPOINT ["BACKGROUND", "-D", "/usr/sbin/apache2ctl"]D. ENTRYPOINT {usr/sbin/apache2ctl}Answer: BQUESTION 51Which two statements about the various types of DevOps tools are true? (Choose two.)A. Puppet requires the installation of a master (server) and agents (clients) architecture for configuring systems.B. Salt cannot communicate with clients through general SSH, it use minions client agents only.C. Puppet and chef are written in Python. Python skills are a must to operate these two.D. Ansible does not require agent node installation and uses SSH for performing all tasks.E. Chef and Puppet are much more attuned to the needs of system administrators.Answer: ADQUESTION 52Your IT company has been tasked to automate their view of the environment. The CTO has instructed you to use Ansible to focus on value-added tasks.Which four integrations do you use to achieve this outcome? (Choose four.)A. networksB. infrastructureC. KubernetesD. management applicationsE. virtualizationF. containersG. DevOps toolsAnswer: ABFGQUESTION 53Which method is a safe way to provide a username/password combination to an application running as a service in a Docker container?A. encode the value with base64 in a secure DNS CTEXT entryB. as an environment variable in the DockerfileC. Docker environment variableD. Docker secretsAnswer: DQUESTION 54How does eliminating hardcoded or default passwords help to secure an environment?A. helps by enforcing your password in a repository and storing it in a secure vaultB. helps to manage passwords centrallyC. helps penetration testing team to focus on other issues more efficientlyD. helps by removing back doors in your environmentsAnswer: AQUESTION 55What is as responsibility for teams running private cloud servers that is less of a concern when running in the public cloud?A. costB. metrics and monitoringC. hardware maintenanceD. credentials managementAnswer: DQUESTION 56Which two elements help to secure your API keys? (Choose two.)A. randomnessB. SHA1C. triple AESD. rotationE. dictionaryAnswer: ACQUESTION 57Drag and Drop QuestionThe IaC configuration for an application is being deployed using a CI/CD pipeline. Drag and drop the steps for this pipeline from the left into the correct order that they would be executed on the right. Not all options are used.

Answer Area

| | |
|--|------------------|
| Integration test of the most recent configurations is performed. | step 1 |
| The CI tool is notified of an update. The code repository is updated by a user. | step 2 step 3 |
| The pipeline notifies the repository to run tests. | step 4 |
| The configuration changes are pushed to devices. | |

Answer:

Answer Area

| | |
|---|---|
| Integration test of the most recent configurations is performed. | The code repository is updated by a user. |
| The CI tool is notified of an update. The pipeline notifies the repository to run tests. | |
| The configuration changes are pushed to devices. | |

QUESTION 58Drag and Drop QuestionDrag and drop the operations from the left into the correct order on the right when using

CI/CD, assuming that there are no failures or conflicts.

Answer Area

| | |
|---------------------------------|--------|
| generating deliverables | step 1 |
| starting of rolling deployment | step 2 |
| developer commits | step 3 |
| integration testing | step 4 |
| unit testing | step 5 |
| merging of commit into mainline | step 6 |

Answer: Answer Area

| |
|---------------------------------|
| generating deliverables |
| merging of commit into mainline |
| starting of rolling deployment |
| unit testing |
| integration testing |
| developer commits |

QUESTION 59 Which options lists cloud deployment modes?

A. Private, public, hydrid, community

B. Private, public, hydrid, shared

C. IaaS, PaaS, SaaS

D. Private, public, hydrid

Answer: A

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