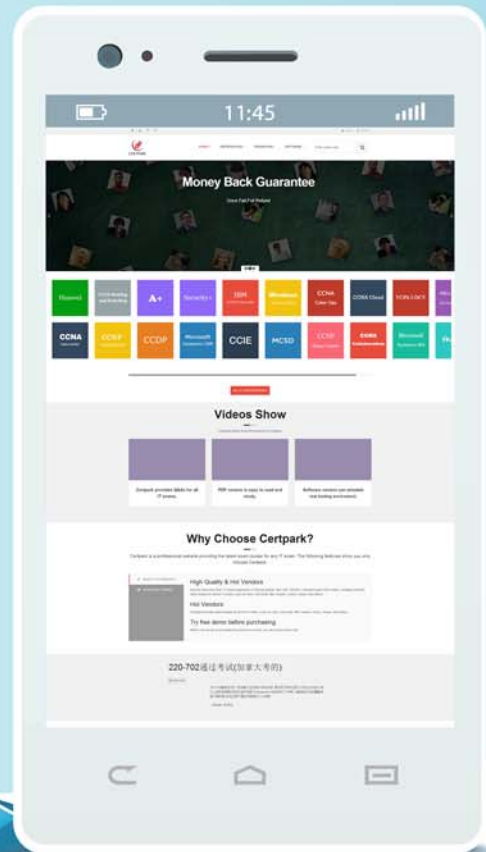# CERTPARK

QUESTION & ANSWER

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Exam   :   **300-910**

Title   :   Implementing DevOps
            Solutions and Practices
            using Cisco Platforms v1.0

Version   :   DEMO

1.DRAG DROP

Drag and drop the scenarios from the left onto the cloud strategy categories on the right.

	Build
The company handles customer information in several geographies and must ensure that the information is stored in specific countries.	
The IT team must provision and scale a database that hosts customer information by using APIs, without having to worry about security patching.	
The IT team must fine-tune the operations of databases and servers to match the geographical information systems' development.	Buy
The IT team must develop a system that uses databases, serverless technology, and machine learning algorithms for a proof of concept within a month.	

Answer:

	Build
The company handles customer information in several geographies and must ensure that the information is stored in specific countries.	The company handles customer information in several geographies and must ensure that the information is stored in specific countries.
The IT team must provision and scale a database that hosts customer information by using APIs, without having to worry about security patching.	The IT team must fine-tune the operations of databases and servers to match the geographical information systems' development.
The IT team must fine-tune the operations of databases and servers to match the geographical information systems' development.	Buy
The IT team must develop a system that uses databases, serverless technology, and machine learning algorithms for a proof of concept within a month.	The IT team must provision and scale a database that hosts customer information by using APIs, without having to worry about security patching.
	The IT team must develop a system that uses databases, serverless technology, and machine learning algorithms for a proof of concept within a month.

2.DRAG DROP

Construct an Ansible script to gather information about target routers and then use it to apply no ip redirects to every interface on each device.

Drag and drop the code from the bottom onto the correct location in the exhibit to complete the tasks section of the Ansible playbook so that it accomplishes your goal.

Answer Area

```
tasks:
  - name: Get info from devices
    ┌──────────────┐
    │              │
    └──────────────┘
      provider: "{{ credentials }}"
    ┌──────────────┐
    │              │ dev_info
    └──────────────┘
  - name: Add 'no ip redirects' to all interfaces
    ┌──────────────┐
    │              │
    └──────────────┘
      provider: "{{ credentials }}"

      lines:
        - "no ip redirects"
      parents: "interface {{ item.key }}"
    with_items: "{{ dev_info['ansible_facts']['ansible_net_interfaces'] | dict2items }}"
```

debug:	register:	variable:

ios_conf_t:	ios_info:	ios_facts:

ios_command:	ios_config:

Answer:

Answer Area

```
tasks:
  - name: Get info from devices
    ┌──────────────┐
    │   ios_info:  │
    └──────────────┘
      provider: "{{ credentials }}"
    ┌──────────────┐
    │   register:  │ dev_info
    └──────────────┘
  - name: Add 'no ip redirects' to all interfaces
    ┌──────────────┐
    │  ios_config: │
    └──────────────┘
      provider: "{{ credentials }}"

      lines:
        - "no ip redirects"
      parents: "interface {{ item.key }}"
    with_items: "{{ dev_info['ansible_facts']['ansible_net_interfaces'] | dict2items }}"
```

debug:	register:	variable:

ios_conf_t:	ios_info:	ios_facts:

ios_command:	ios_config:

3.Which Dockerfile produces an efficient image rebuild when the exposed port Python dependency, or MyApp source code is modified?

A)

```
FROM python

EXPOSE 8082

WORKDIR /home/app
COPY ./my-app/requirements.txt /home/app/requirements.txt
RUN pip install -r requirements.txt
COPY ./my-app/ /home/app
```

B)

```
FROM python:3.7.4-buster

EXPOSE 8082

WORKDIR /home/app
COPY ./my-app/ /home/app
RUN pip install -r requirements.txt
```

C)

```
FROM python:latest

WORKDIR /home/app
RUN pip install -r requirements.txt
COPY ./my-app/ /home/app

EXPOSE 8082
```

D)

```
FROM python:3.7.4-buster

WORKDIR /home/app
COPY ./my-app/requirements.txt /home/app/requirements.txt
RUN pip install -r requirements.txt
COPY ./my-app/ /home/app

EXPOSE 8082
```

A. Option A
B. Option B
C. Option C
D. Option D
Answer: B

4.What is an advantage of using configuration management tools to automate infrastructure services?

A. eliminates the need to run integration tests within the CI/CD pipeline

B. provides high native monitoring of services

C. eliminates the need for CI/CD tools

D. integrates with container orchestration

Answer: C

5.Which two elements help to secure your API keys? (Choose two.)

A. ramdomness

B. SHA1

C. triple AES

D. rotation

E. dictionary

Answer: A,C