

# Certified IT Exam Material Authority



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**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.

The IT team must fine-tune the operations of databases and servers to match the geographical information systems' development.

The IT team must develop a system that uses databases, serverless technology, and machine learning algorithms for a proof of concept within a month.

Build

Buil

#### Answer:

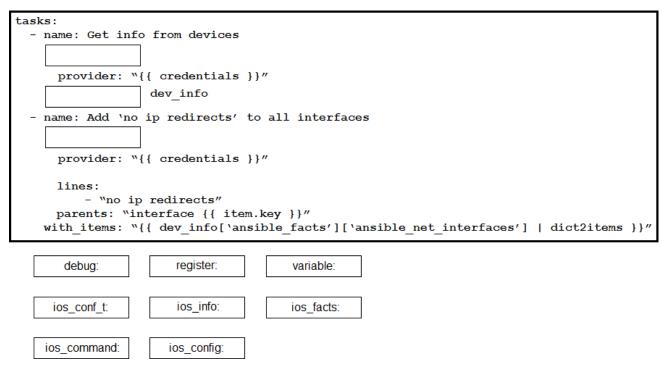
Build The company handles customer information in several geographies and must ensure that the information is stored in The company handles customer information in several specific countries. geographies and must ensure that the information is stored in specific countries. The IT team must provision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

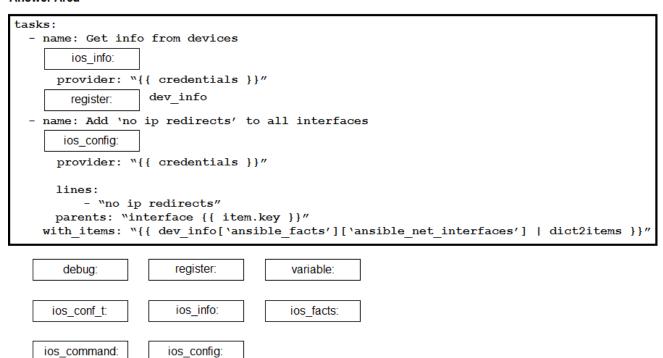
Drag and drop the code from the bottom onto the correct location in the exhibit to complete the tasks section of the Ansible playbook so that it accomplishes your goal.

#### **Answer Area**



## Answer:

#### **Answer Area**



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