QUESTION 29
Refer to the exhibit. How should the Jenkins job be troubleshooted based on the error provided?

```
#!/bin/bash                                              Build Command
# apt-get -y install python3-pip
# pip install --upgrade pip
rm -rf automationSandboxTest || true
git clone https://github.com/oborys/automationSanboxTest.git
export SEARCHPATH="$PWD/automationSanboxTest/"
for k in $(cat $SEARCHPATH/requriements.txt | cut -d '>' -f 1 | cut -d '<' -f 1
                                                          | cut -d '=' -f 1
do
    python -m pip install $k
done
echo
for k in $(find $SEARCHPATH -name *.py)
do
    echo > msg.txt
    python $k > /dev/null 2> msg.txt || true
    export CODE=$(grep -c ^ msg.txt)
    if [ $CODE != 0 ]
    then
        echo "File: $k" >> error.message.txt
        cat msg.txt >> error_message.txt
        echo >> error.message.txt
    fi
done
rm -rf msg.txt || true
cat error_message.txt
if [ $(cat error_message.txt| wc -1) != 0 ]
then
    exit 1
fi
```

```
++find /data/bms/webapps/jenkins/workspace/team_team_devnet-learning-labs-
automatiom/Always_On_Sandbox_testing/automationSandboxTest/ -name '*.py'
+ for k in '$(find $SEARCHPATH -name *.py)'
+ echo
+ python /data/bms/webapps/jenkins/workspace/team_team_devnet-learning-labs-
automatiom/Always_On_Sandbox_testing/automationSandboxTest/alwaysOnSandboxCh
eck.py
++ grep -c '^' msg.txt
+ export CODE=0
+ CODE=0                                        Part of Console Output
+ '[' 0 ' != ' 0 ']'
+ rm -rf msg.txt
+ cat error_message.txt
cat: error_message.txt: No such file or directory
Build step 'Virtualenv Builder' marked build as failure
Notifying upstream projects of job completion
Finished: FAILURE
```

A. Verify what the responding file created.
B. Update pip.
C. Install dependencies.
D. Place the code in a container and run the job again.

Answer: A

QUESTION 30
Configuration changes to the production network devices are performed by a CI/CD pipeline. The code repository and the CI tool are running on separate servers. Some configuration changes are pushed to the code repository, but the pipeline did not start.
Why did the pipeline fail to start?

A. The CI server was not configured as a Git remote for the repository.
B. The webhook call from the code repository did not reach the CI server.
C. Configuration changes must be sent to the pipeline, which then updates the repository.
D. The pipeline must be started manually after the code repository is updated.

Answer: C

QUESTION 31
A new version of an application is being released by creating a separate instance of the application that is running the new code. Only a small portion of the user base will be directed to the new instance until that version has been proven stable.
Which deployment strategy is this example of?

A. recreate
B. blue/green
C. rolling
D. canary

Answer: D

QUESTION 32
Which description of a canary deployment is true?

A. deployment by accident
B. deployment that is rolled back automatically after a configurable amount of minutes

C. deployment relating to data mining development
D. deployment to a limited set of servers or users

Answer: D

QUESTION 33
Which two options are advantages of an application layer firewall? (Choose two.)

A. provides high-performance filtering
B. makes DoS attacks difficult
C. supports a large number of applications
D. authenticates devices
E. authenticates individuals

Answer: BE

QUESTION 34
What is the best description of a docker file?

A. Text document used to build an image.
B. Message Daemon files.
C. Software used to manage containers.
D. Repository for docker images.

Answer: A

QUESTION 35
ConfigMap keys have been mapped to different file names using the volumes.configMap.items field. What is the result if a wrong ConfigMap key is specified?

A. The default path is not used.
B. The volume is not created.
C. The volume is created.
D. The volume is created with errors.

Answer: A

QUESTION 36
What are two benefits of Infrastructure as Code? (Choose two.)

A. It enables continuous integration.
B. It allows for management control.
C. It ensures consistency.
D. It improves application monitoring.
E. It reduces risk.

Answer: CE

QUESTION 37
Refer to the exhibit. What is the user doing with Drone in this automated test?

```
---
kind: pipeline
name: test1
platform:
  os: linux
  arch: amd64
steps:
- name: test
  image: postgres:9-alpine
  commands:
  - sleep 10
  - psql -U postgres -d test -h database -c "SELECT version();"
services:
- name: database
  image: postgres
  environment:
      POSTGRES_DB: test
      POSTGRES_USER: postgres
---
kind: pipeline
name: test2
platform:
  os: linux
  arch: amd64
steps:
- name: test
  image: postgres:9-alpine
  commands:
  - sleep 10
  - psql -U postgres -d test -h database -c "SELECT version();"
services:
- name: database
  image: postgres
  environment:
      POSTGRES_DB: test
      POSTGRES_USER: postgres
```

A. testing Alpine Linux versus Ubuntu Linux
B. testing a PostgreSQL DB against multiple architectures
C. testing only the amd64 architecture
D. testing PostgreSQL deployment in an Alpine Linux VM

Answer: D

QUESTION 38
An interface on a router as a Layer 3 link has been configured to another device by updating an Ansible playbook that is executed via a CI/CD pipeline. The Ansible playbook was written to push the configuration change using the ios_config module. Which automated test validates that the interface is functioning as it should?

A. Add a pipeline step that runs the playbook a second type. If it does not modify the device on the second run, then the interface is correctly configured.
B. Automated testing is already built in because the playbook execution is successful only after Ansible validates that it applied the change.

C. Add a pipeline step that captures and parses the packet flow for the interface.
D. Add a pipeline step that captures and parses the show ip interface output so that the operational state can be referenced.

Answer: B

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