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QUESTION 1

What is a benefit of using edge computing in an IoT implementation?

A. high speed in data processing

B. low network design complexity

C. low cost in network design

D. high availability for network components

Correct Answer: A

QUESTION 2

DRAG DROP

Drag and drop the capabilities from the left onto the Cisco Network Management Platforms that support the capabilities on the right.

Select and Place:

receives AI/ML network performance insights, and uses guided issue remediation	Meraki
achieves automation through common policy for data center operations	Cisco DNA Center
establishes an overlay fabric to connect data centers, branches, and campuses through vManage	ACI
provisions and manages networks, networking devices, and clients through a fully managed cloud service	Cisco SD-WAN
supports multivendor networks through Network Element Drivers	NSO

Correct Answer:

	provisions and manages networks, networking devices, and clients through a fully managed cloud service
	receives AI/ML network performance insights, and uses guided issue remediation
	achieves automation through common policy for data center operations
	establishes an overlay fabric to connect data centers, branches, and campuses through vManage
	supports multivendor networks through Network Element Drivers

QUESTION 3

A development team needs to containerize an application named \\'custapp4o3p2r6d3s6w7x6t9\\'. A Dockerfile has been created and now the docker build command must be run using the current folder to find the Dockerfile, build the image and create a local repository named \\'custapp4d5c-repo\\' that points to that image. Which command must be used?

A. docker build custapp4d5c-repo Dockerfile.

B. docker build -t acustapp4d5c-repo Dockerfile.txt

C. docker build custapp4d5c-repo -f Dockerfile.txt

D. docker build -t custapp4d5c-repo -f Dockerfile.

Correct Answer: D

Tag an image (-t, --tag) Specify a Dockerfile (-f, --file)

Source: https://docs.docker.com/engine/reference/commandline/build/

QUESTION 4

DRAG DROP

Refer to the exhibit.

```
commit ac40974fe81b5cf2be9adadecca37d92159ca917 (HEAD ->
example_branch, origin/example_branch)
Author: John Smith <john.smith@example.com>
Date:    Mon Dec 16 09:00:00 2019

    commit message

commit 0b20aeb8940b845562ac7e291727155be2488cf4
Author: John Smith <john.smith@example.com>
Date:    Mon Dec 15 09:00:00 2019

    initial commit
```

Running the git merge example_branch command results in an error due to conflicts. The exhibit shows the output of the git log command on a branch named example_branch. Drag and drop the code from the bottom into the order to resolve the conflicts and merge example_branch into the remote master branch.

Select and Place:

step 1

step 2

step 3

step 4

step 5

```
git revert ac40974fe8 && git merge master
```

```
git push
```

```
git reset --hard && git checkout example_branch
```

```
Reapply the change and run "git add -A && git commit"
```

```
git checkout master && git merge example_branch
```

Correct Answer:

```
git revert ac40974fe8 && git merge master
```

```
git push
```

```
git reset --hard && git checkout example_branch
```

```
Reapply the change and run "git add -A && git commit"
```

```
git checkout master && git merge example_branch
```

QUESTION 5

What is a procedural component of CI/CD pipelines?

A. Bundled artifacts must be generated.

B. Every test must pass for the pipeline to continue its execution.

C. Some tests fall without stopping the pipeline execution.

D. The release label that identifies the build is optional.

Correct Answer: B

In a CI/CD (Continuous Integration/Continuous Deployment) pipeline, a procedural component is a specific step or action that is carried out in a specific order as part of the pipeline process. One of the procedural components of a CI/CD pipeline is that every test must pass in order for the pipeline to continue its execution. If any test fails, the pipeline will stop and the issue must be addressed before the pipeline can continue. This is an important procedural component of a CI/ CD pipeline because it ensures that the code being deployed is of high quality and meets the necessary standards before it is released.