



CertiProf

DEPC

DevOps Essentials Professional Certificate

QUESTION & ANSWERS

Question: 1

DevOps is automation.

- A. REAL
- B. FAKE

Answer: B

Explanation/Reference:

DevOps implies automation. DevOps is more than automation.

Question: 2

In DevOps you should not place a WIP (work in progress) limit.

- A. REAL
- B. FAKE

Answer: B

Explanation/Reference:

A WIP (work in progress) limit is a strategy to avoid bottlenecks in software development. It is agreed upon before the start of the project by the development team and is executed by the team facilitator.

Question: 3

The word DevOps is a contraction of "Development" and "Operations".

- A. REAL
- B. FAKE

Answer: A

Explanation/Reference:

The word DevOps is a contraction of "Development" and "Operations".

DevOps is a new trend in the IT industry aimed at improving the agility of the IT Delivery Service. The movement emphasizes transparent communication, collaboration along with integration between Developer software and IT operations.

Question: 4

DevOps focuses its attention on filling the communication gaps between the Development and Operations teams.

- A. REAL
- B. FAKE

Answer: A

Question: 5

Docker is not considered DevOps software and its focus is on porting applications through container technology,

- A. FAKE
- B. REAL

Answer: A

Explanation/Reference:

Docker has been a vital part of the next generation of Yelp testing and infrastructure for service management.

Dependent isolation and quick start-up of containers allow for a shorter development cycle and increase testing speeds by over 400%.

Some environments may run the Docker host inside another Docker host (Docker-in-Docker) in build environments.

Docker can speed up a pipe IC using Union-FileSystems and Copy-on-Write (COW).

To get faster speeds to deliver Continuous Delivery (CD) software, many Docker techniques can be used.

Question: 6

One of the benefits of continuous integration is: Automating deployment.

- A. REAL

B. FAKE

Answer: A

Explanation/Reference:

Benefits of Continuous Integration

- Keep the repository from a single source.
- Automate.
- Have each structure evaluated automatically.
- Tests in parallel production.
- Automate deployment.

Question: 7

The DevOps Culture is based on People, Processes and Technology.

- A. REAL
- B. FAKE

Answer: A

Explanation/Reference:

True, according to the gartner DevOps model.

Question: 8

Gene Kim's "Two Paths" essentially establish different forms of incremental DevOps adoption:

A. The first way: Systems thinking.

B. The second way: Amplifying feedback loops.

- A. REAL
- B. FAKE

Answer: B

Explanation/Reference:

Gene Kim's "Three Paths" essentially establish different forms of incremental DevOps adoption:

- The first way: Systems thinking.