review

Learning by Quizzes

AWS OpsWorks

V1.00

Course title

**BackSpace Academy
AWS Certified Cloud Practitioner**

PLEASE READ THIS

The purpose of Learning by Quizzes

Preparation for the AWS certification exams will require understanding of the AWS documentation. Unfortunately, this documentation is massive in size and, it is completely impractical to attempt to present this with video lectures. The "learning by quizzes" exercises select key points from the AWS documentation that you should know in the format of a question and an answer. We have found that this is the most effective way to get a large amount of information into memory.

How to use the Learning by Quizzes

1. Read the question and select the correct answer.
2. Check if your answer is correct.
3. If you don't know why the answer is correct read the explanation.
4. If you still don't understand why it is correct then read the link to the page in the AWS documentation.

Please note: Although it is requirement of AWS certification to have read and understood the AWS documentation, "learning by quizzes' is designed to significantly reduce that requirement.

What is AWS OpsWorks?

This "learning by quizzes" exercise will be based upon the videos and the following reference material:

Section: ***What is AWS OpsWorks?***

Reference: AWS OpsWorks User Guide

https://docs.aws.amazon.com/opsworks/latest/userguide/welcome.html

Question

An OpsWorks _____represents a single computing resource.

Answers

    A. Core
    B. Stack
    C. Instance
    D. Layer
    E. None of the above

C
Cloud-based computing usually involves groups of AWS resources, such as EC2 instances and Amazon Relational Database Service (RDS) instances. For example, a web application typically requires application servers, database servers, load balancers, and other resources.
https://docs.aws.amazon.com/opsworks/latest/userguide/welcome.html

Question

An OpsWorks _____ is basically a blueprint that specifies how to configure a set of Amazon EC2 instances for a particular purpose, such as serving applications or hosting a database server.

Answers

 A. Instance
 B. Stack
 C. layer
 D. None of the above

C
AWS OpsWorks Stacks, the original service, provides a simple and flexible way to create and manage stacks and applications. AWS OpsWorks Stacks lets you deploy and monitor applications in your stacks. You can create stacks that help you manage cloud resources in specialized groups called layers. A layer represents a set of EC2 instances that serve a particular purpose, such as serving applications or hosting a database server.
https://docs.aws.amazon.com/opsworks/latest/userguide/welcome.html

Question

The _____ is the core AWS OpsWorks component. It is basically a container for AWS resources—Amazon EC2 instances, Amazon EBS volumes, Elastic IP addresses, and so on—that have a common purpose and would be logically managed together.

Answers

    A. Instance
    B. Stack
    C. layer
    D. None of the above

B
Cloud-based computing usually involves groups of AWS resources, such as EC2 instances and Amazon Relational Database Service (RDS) instances. For example, a web application typically requires application servers, database servers, load balancers, and other resources. This group of instances is typically called a stack.
https://docs.aws.amazon.com/opsworks/latest/userguide/welcome.html

Question

An OpsWorks instance can belong to multiple layers.

Answers

A. True
B. False

A
Every stack contains one or more layers, each of which represents a stack component, such as a load balancer or a set of application servers. Each layer in a stack must have at least one instance and can optionally have multiple instances. Each instance in a stack must be a member of at least one layer, except for registered instances. Amazon EC2 instances can optionally be a member of multiple OpsWorks layers.
https://docs.aws.amazon.com/opsworks/latest/userguide/workinglayers.html