

AWS MODULE 6

Module 6 Knowledge Check

Google

which aws services manages appli

awsacademy.instructure.com/courses/47457/assignments/432818?module_item_id=4078455

aws academy

Account

Dashboard

Courses

Calendar

Inbox

History

Help

ACFv2EN-47457 > Assignments > Module 6 Knowledge Check

Home

Announcements

Modules

Discussions

Grades

Module 6 Knowledge Check

Due No Due Date Points 100 Submitting an external tool

1. Why is AWS more economical than traditional data centers for applications with varying compute workloads? (Select the best answer)

Amazon EC2 costs are billed on a monthly basis.

Custom

Custom

Amazon

Correct

AWS is more economical than traditional data centers with varying compute workloads because Amazon EC2 instances can be launched on-demand.

Continue

Previous

Next

Module 6 Knowledge Check

ACFv2EN-47457 > Assignments > Module 6 Knowledge Check

Home Announcements Modules Discussions Grades

Due No Due Date Points 100 Submitting an external tool

2. If your project requires monthly reports that iterate through very large amounts of data, which Amazon Elastic Compute Cloud (Amazon EC2) purchasing option should you consider? (Select the best answer)

☐ Spot Instance

☒ Scheduled Reserved Instance

☐ Dedicated Host

☐ On-Demand Instance

Correct

If your project requires you to run monthly reports that iterate through very large amounts of data, you should consider purchasing Scheduled Reserved Instances.

Continue

Previous Next

Module 6 Knowledge Check

ACFv2EN-47457 > Assignments > Module 6 Knowledge Check

Home Announcements Modules Discussions Grades

Due No Due Date Points 100 Submitting an external tool

3. What is included in an Amazon Machine Image (AMI)? (Select the best answer)

☐ A template for the root volume for the instance

☐ Launch template

☐ A block device mapping

☒ All of the above

Correct

An Amazon Machine Image (AMI) includes all of these.

Continue

Number correct: 3 out of 3

Previous Next

Module 6 Knowledge Check

ACFv2EN-47457 > Assignments > Module 6 Knowledge Check

Home Announcements Modules Discussions Grades

Due No Due Date Points 100 Submitting an external tool

4. Which Amazon Elastic Compute Cloud (Amazon EC2) feature ensures your instances will not share a physical host with instances from any other AWS customer? (Select the best answer)

- ☐ Amazon EC2
- ☐ Placement Groups
- ☒ Dedicated Hosts
- ☐ Reserved Instances

Correct

Dedicated Instances ensure your instances will not share a physical host with instances from any other AWS customer.

Continue

Previous Next

Module 6 Knowledge Check

ACFv2EN-47457 > Assignments > Module 6 Knowledge Check

Home Announcements Modules Discussions Grades

Due No Due Date Points 100 Submitting an external tool

5. Which of the following services is a serverless compute service in AWS? (Select the best answer)

- ☐ AWS Config
- ☒ AWS Lambda
- ☐ AWS CloudFormation
- ☐ Amazon S3

Correct

AWS Lambda is a compute service that lets you run code without provisioning or managing servers.

Continue

Previous Next

Module 6 Knowledge Check

ACFv2EN-47457 > Assignments > Module 6 Knowledge Check

Home Announcements Modules Discussions Grades

Due No Due Date Points 100 Submitting an external tool

6. What is the service provided by AWS that enables developers to easily deploy and manage applications in the cloud? (Select the best answer)

- ☐ Amazon Elastic Container Service
- ☒ AWS Elastic Beanstalk
- ☐ AWS CloudFormation
- ☐ AWS CodeDeploy

Correct

Elastic Beanstalk is an AWS compute service option. It is a Platform as a Service (or PaaS) that facilitates quick deployment, scaling and managing of your web applications and services.

Continue

Previous Next

Module 6 Knowledge Check

ACFv2EN-47457 > Assignments > Module 6 Knowledge Check

Home Announcements Modules Discussions Grades

Due No Due Date Points 100 Submitting an external tool

8. True or False? Containers contain an entire operating system.

- ☐ True
- ☒ False

Correct

Containers are smaller than virtual machines, and do not contain an entire operating system.

Continue

Previous Next

Module 6 Knowledge Check

ACFv2EN-47457 > Assignments > Module 6 Knowledge Check

Home Announcements Modules Discussions Grades

Due No Due Date Points 100 Submitting an external tool

9. Which Amazon EC2 option is best for long-term workloads with predictable usage patterns? (Select the best answer)

- ☐ Spot Instances
- ☐ On-Demand Instances
- ☒ Reserved Instances

Correct

Reserved instances would be the best EC2 option for long-term workloads with predictable usage patterns.

Continue

Previous Next

Module 6 Knowledge Check

ACFv2EN-47457 > Assignments > Module 6 Knowledge Check

Home Announcements Modules Discussions Grades

Due No Due Date Points 100 Submitting an external tool

10. Which of the following must be specified when launching a new Amazon Elastic Compute Cloud (Amazon EC2) Windows instance? (Choose two)

- ☐ Password for the administrator account
- ☒ Amazon Machine Image (AMI)
- ☒ Amazon EC2 Instance Profile
- ☐ The Amazon S3 bucket for the instance

Correct

AWS assigns the EC2 instance ID as part of the launch process and the administrator password, which is encrypted via the public key. The instance type defines the virtual hardware and the AMI defines the initial software state. Both must be specified on launch.

Continue

Previous Next