Azure_Bootcampers_BC101

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1. You have an application that is comprised of an Azure web app that has a Service   1 / 1 point

    Level Agreement (SLA) of 99.95 percent and an Azure SQL Database that has an SLA of

    99.99 percent. The composite SLA for the application is

    Your Answer: ✔ **Correct**

    ✔ ⦿ the product of both SLAs, which equals to 99.94 percent

    ◯ the lowest SLA associated to the application, which is 99.95 percent

    ◯ the highest SLA associated to the application, which is 99.99 percent

    ◯ the difference between the two SLAs, which is 0.05 percent.

2. A company like Hysteresis Pvt Ltd has 10 department to handle their IT infrastructure.   0 / 1 point

    The company plans to implement an Azure environment.

    You need to ensure that each department can use a different payment option for the Azure

    services it consumes. What should you create for each department?

    Your Answer: ✖ **Incorrect**

    ◯ a reservation

    ✔ ◯ a subscription

    ✖ ⦿ a resource group

    ◯ a container group

3. An Azure service is available to all Azure customers when it is in   0 / 1 point

    Your Answer: ✖ **Incorrect**

    ✔ ◯ public preview

    ◯ private preview

    ◯ development

✖ ◉ an Enterprise Agreement (EA) subscription

4. Match the term to the correct definition   0 / 1 point

Your Answer: ✖ **Incorrect**

✖ `3 ⌄` → **1** Azure Government

✖ `4 ⌄` → **2** GDPR

✖ `1 ⌄` → **3** ISO

✖ `2 ⌄` → **4** NIST

1. A dedicated public cloud for federal and state agencies in the United States

2. A European policy that regulates data privacy and data protection

3. An organization that defines international standards across all industries

4. An organization that defines standards used by the United States government

5. What is the purpose of version control in devops   0 / 1 point

Your Answer: ✖ **Incorrect**

◯ Test all external packages for compatibility

✖ ◉ Track new and changed features of the product

◯ Limit the code to a particular programming language

✔ ◯ Archive code and ensure that the changes to the code can be tracked

6. Which one of the following statements about DevOps is incorrect   0 / 1 point

Your Answer: ✖ **Incorrect**

✔ ◯ DevOps is only suitable for startup companies

◯ DevOps is suitable for brownfield software products and services

◯ DevOps is suitable for greenfield software products and services

✖ ◉ Some of the most exemplary DevOps initiatives started in companies with giant and mature IT organizations

7. Which of the following statement best describes the goal of DevOps   1 / 1 point

     Your Answer: ✔ **Correct**

     ◯ Establish an environment where the release of applications is valued more than its quality

     ◯ Establish an environment where application development performs all the operation tasks

  ✔ ◉ Establish an environment to release more reliable applications faster

     ◯ All Of The Above

8. Can you remove paused container from Docker   1 / 1 point

     Your Answer: ✔ **Correct**

  ✔ ◉ No

     ◯ Yes

     ◯ Not Always

     ◯ Depends on what the container contains we are removing

9. Which of the following provides virtualized computing resources over the internet,   1 / 1 point
without worrying about underlying physical machines and abstracting the user from the
physical machine.

     Your Answer: ✔ **Correct**

  ✔ ◉ Infrastructure As A Service

     ◯ Software As A Service

     ◯ Platform As A Service

     ◯ None of the Above

10. Which of the following hosting relies on companies to underutilize the resources   1 / 1 point
meant to be used by its clients or customers?

     Your Answer: ✔ **Correct**

     ◯ VPS Hosting

  ✔ ◉ Shared Hosting

○ Dedicated Hosting

○ Cloud Services

11. What is the benefit for a developer using Docker?   1 / 1 point

Your Answer: ✔ **Correct**

○ Standardization & Productivity

○ CI Efficiency & Rapid Development

○ Compatibility and Maintainability

✔ ◉ All of these

12. Which of the following is a text document that contains all the commands a user could   1 / 1 point
call on the command line to assemble an image?

Your Answer: ✔ **Correct**

○ Docker Cloud

○ Docker Hub

○ Docker Kinematic

✔ ◉ Dockerfile

13. Which are the below cloud platforms that are not used for DevOps?   0 / 1 point

Your Answer: ✖ **Incorrect**

○ AWS (Amazon Web Services)

○ Microsoft Azure

✖ ◉ GCP (Google Cloud Platform)

✔ ○ IBM Cloud

14. _____ command is used for stopping a running container gracefully   1 / 1 point

Your Answer: ✔ **Correct**

✔ ◉ docker stop

○ docker kill

○ docker rm

○ docker start

15. How does DevOps impact security of an application or machine?   0 / 1 point

Your Answer: ✖ **Incorrect**

✖ ◉ Security is increased by including it earlier in the process

○ Security is increased because of the automation process

○ Security is reduced because of the automation process.

✔ ○ Both (A) and (B)

16. What is the use of GIT   1 / 1 point

Your Answer: ✔ **Correct**

○ Containerization Tool

○ Continuous Integration Tool

✔ ◉ Version Control System Tool

○ Continuous Monitoring Tool

17. DevOps is an extension of   1 / 1 point

Your Answer: ✔ **Correct**

○ Waterfall

○ Quality Assurance

✔ ◉ Agile

○ None of these

18. In Azure, you can associate network security group (NSG) to a virtual network subnet.   1 / 1 point

Your Answer: ✔ **Correct**

✔ ◉ True

○ False

19. Your Azure environment contains multiple Azure Virtual Machines.   0 / 1 point

You need to ensure that a virtual machine named in VM1 is accessible from the internet over HTTP.

Solution :- You modify an Azure Traffic Manager profile.

Does this meet the goal?

Your Answer: ✖ **Incorrect**

✖ ◉ True

✔ ○ False

20. If a resource group named RG1 has a delete lock,   1 / 1 point
_____ can delete RG1.

Your Answer: ✔ **Correct**

○ only a member of the global administrators group

✔ ◉ the delete lock must be removed before an administrator

○ an Azure policy must be modified before an administrator

○ an Azure tag must be added before an administrator

21. You plan to deploy several Azure virtual machines.   1 / 1 point

You need to control the ports that devices on the internet can use to access the virtual machines.

What should you use?

Your Answer: ✔ **Correct**

✔ ◉ a network security group (NSG)

○ an Azure Active Directory (Azure AD) role

○ an Azure Active Directory group

○ an Azure key vault

22. You cant create multiple containers from the same image in docker   1 / 1 point

Your Answer: ✔ Correct

○ not always

○ images are used to create docker

○ true

✔ ⦿ false

23. Azure Cosmos DB is an example of a _____ offering.   0 / 1 point

Your Answer: ✘ Incorrect

✘ ⦿ Platform As A Service (PAAS)

○ Software As A Service (SAAS)

✔ ○ Serverless

○ Infrastructure As A Service

24. You plan to deploy several Azure virtual machines   1 / 1 point

You need to ensure that the services running on the virtual machines are available if a single data center fails

Solution: You deploy the virtual machines to two or more availability zones

Does this meet your goal

Your Answer: ✔ Correct

○ No

✔ ⦿ Yes

25. You can create a resource group inside another resource group   1 / 1 point

Your Answer: ✔ **Correct**

✔ ◉ No

○ Yes