Assessment 5 - SOI - CC- DevOps   Total points   48/50   ?

Week 5
09 June 2025 to 14 June 2025
Summer Online Internship - 2025-26

The respondent's email (**durgaganta83@gmail.com**) was recorded on submission of this form.

✓   7.How many types of storage classes does the S3 contain? *   1/1

○ 1

○ 2

○ 3

◉ 4   ✓

✓   31. What command is used to remove files? *   1/1

○ dm

◉ rm   ✓

○ delete

○ erase

✓ 42. How do you create a copy of a lab under your own GitHub account so *1/1
     that you can solve the lab?

  ◉ **Forking it via the GitHub interface**   ✓

  ○ git fork

  ○ git clone

  ○ git pull-request

College Registration Number *

S200818

✓ 11. Does s3 have unlimited data storage? *   1/1

  ◉ Yes   ✓

  ○ No

✓ 24. What is the recommended approach for backing up EBS volumes? *   1/1

  ○ Using Amazon S3 for backups

  ○ Storing EBS snapshots directly on the EC2 instance

  ◉ Using EBS snapshots as the primary backup method   ✓

  ○ Creating multiple copies of the EBS volume on separate servers

✓   **43.What's the opposite of git clone, instead of downloading your code from GitHub, uploads your changes and code back to GitHub?**   *1/1

- ⦿ git push   ✓
- ◯ git add
- ◯ git upload
- ◯ git status

✓   **1.Which instances are best used when you have compute-intensive needs?**   *1/1

- ◯ General Purpose Instance
- ⦿ Compute Optimized Instances   ✓
- ◯ Memory Optimized Instances
- ◯ Storage Optimized Instances

✓   **41.What's the git command that downloads your repository from GitHub to your computer?**   *1/1

- ◯ git push
- ◯ git fork
- ⦿ git clone   ✓
- ◯ git commit

✓   30. YUM stands for----------- *   1/1

○ Yellowdog Updater, Modified   ✓

○ Yellow unit modifier

○ Yellow universal modifier

○ None of the above

✗   20. What is the maximum number of NAT Gateways you can have per   *0/1
    VPC?

○ 1

◉ 5   ✗

○ 10

○ Unlimited

Correct answer

◉ 1

✓   48.How do you supply a commit message to a commit? *   1/1

○ git message 'I'm coding'

○ git add 'I'm coding'

○ git commit 'I'm coding'

◉ git commit -m 'I'm coding   ✓

College Name *

Rajiv Gandhi University of Knowledge Technologies

✓ 49.What is Git? *   1/1

⦿ A distributed version control system   ✓

◯ A centralized version control system

◯ A text editor

◯ A compiler

✓ 18. What is the primary purpose of an AWS NAT Gateway? *   1/1

⦿ To allow instances in a private subnet to access the internet.   ✓

◯ To provide a public IP address for instances in a VPC.

◯ To act as a firewall for all incoming and outgoing traffic.

◯ To monitor the performance of instances in a VPC.

✓   50.What is the primary purpose of GitHub? *   1/1

○ To host Git repositories   ✓

○ To write code

○ To debug programs

○ To compile code

✓   19. Which AWS service is used to create and manage NAT Gateway   *1/1
    instances?

○ Amazon EC2

● Amazon VPC   ✓

○ AWS Lambda

○ Amazon S3

✓   15. Which of the following statements is NOT true about Amazon EFS? *   1/1

○ It's a fully managed file system service in the AWS cloud.

○ It's designed for use with various AWS compute services like EC2, ECS, and EKS.

○ It can scale automatically to handle changing workloads.

● It's a block storage solution, similar to Amazon EBS.   ✓

✓ 8. Among the four s3 storage classes, which storage class stores the data redundantly across multiple devices?   *1/1

◉ S3 standard   ✓

○ S3 standard IA

○ S3 one zone-infrequent access

○ S3 glacier

✓ 17. Which of the following is NOT a benefit of using Amazon EFS? *   1/1

○ Scalability and elasticity.

○ High availability and durability.

○ Low cost and predictable pricing.

◉ Supports only Windows-based systems.   ✓

Please select the Internship Batch *

○ Batch 1 (RamaKrishna Sir, Lovababu Sir)

◉ Batch 2 (Sumana Mam, Anil Sir)

✓ 16. What is the primary use case for Amazon EFS? *   1/1

○ Storing static website content.

○ Hosting databases.

◉ Providing a shared file system for multiple EC2 instances.   ✓

○ Creating boot images for EC2 instances.

✓ 9. Which of the following is the cheapest s3 storage class? *   1/1

○ S3 standard

○ S3 standard IA

○ S3 one zone-infrequent access

◉ S3 glacier   ✓

✓ 37. To create multiple files, use touch command. Following is the basic   *1/1
   syntax.

○ touch file1 touch file2 touch file3

○ touch file1file2file3

◉ touch file1 file2 file3   ✓

○ None of the above

✓ 27. Amazon Elastic Compute Cloud (Amazon EC2) is a web service that   *1/1
provides resizable compute capacity in the cloud. It is designed to
make web-scale computing easier for developers.

◉ True   ✓

○ False

✓ 39. Which command is used to install and update packages? *   1/1

○ apc-get

○ pack-get

◉ apt-get   ✓

○ pct-get

✓ 44.How do you check the state of your local git repository since your   *1/1
last commit?

○ git check

◉ git status   ✓

○ git commit

○ git diff

✓ 38. BASH stands for what? *   1/1

○ Bash Again Shell

○ Bourne Shell

○ Bourne After Shell

● Bourne Again Shell   ✓

✓ 26. What command is used to change the working directory? *   1/1

○ cdir

○ chdir

○ changedir

● cd   ✓

✓ 12.If you want to launch Amazon Elastic Compute Cloud (EC2) Instances *1/1
   and assign each Instance a predetermined private IP address you
   should:

○ Assign a group or sequential Elastic IP address to the instances

○ Launch the instances in a Placement Group

○ Launch the Instance from a private Amazon Machine image (AMI)

● Launch the instances in the Amazon virtual Private Cloud (VPC)   ✓

✓ 13. Which of the following database engines is NOT supported by Amazon RDS?   *1/1

○ MySQL

○ PostgreSQL

○ MariaDB

◉ DynamoDB   ✓

✓ 23. What is the maximum size of an EBS volume? *   1/1

○ 16 TiB

○ 32 TiB

◉ 64 TiB   ✓

○ 128 TiB

✓ 32. Which command is used to edit the file? *   1/1

○ cat

○ echo

◉ nano   ✓

○ cd

✓ 45.How do you stage files for a commit? *   1/1

○ git stage

○ git commit

◉ git add   ✓

○ git reset

✓ 47.What's a shortcut to staging all the changes you have? *   1/1

○ git commit add

○ git commit

○ git push -am 'Message'

◉ git add   ✓

✓ 2.On Demand Instances are best used for? *   1/1

◉ Short-term workloads   ✓

○ Long-term workloads

○ Mid-term workloads

○ All of the above

✓ 29. Who has developed Linux? *   1/1

◯ Bob Young

◯ Mark Eving

◉ Linus Torvalds   ✓

◯ Richard Stallman

✓ 25. Which of the following is NOT a valid EBS volume type? *   1/1

◯ gp2 (General Purpose SSD)

◯ io1 (Provisioned IOPS SSD)

◯ st1 (Throughput Optimized HDD)

◉ rp1 (Resilient Provisioned HDD)   ✓

✓ 35. Which command is used to display the top 10 lines of the file? * 1/1

◯ top

◯ top 10

◉ head   ✓

◯ head -1

✓ 34. Which command is used to create multiple files? *   1/1

○ vi

○ ls

◉ touch   ✓

○ cat

✓ 4.Which AWS service provides managed file storage for EC2 instances? *   1/1

○ Amazon S3

○ AWS Lambda

◉ Amazon EFS   ✓

○ Amazon RDS

✓ 46.How do you save the current state of your code into the git version
control?   *1/1

◉ By committing the staged changes with git commit   ✓

○ By adding all changes and staging them with git stage

○ By adding all changes and staging them with git add

○ By creating a new commit with git init

✓ 28. Which of the following is not a filter command? *   1/1

○ sort

○ wc

○ grep

◉ cat   ✓

✓ 33. Which command is used to list the invisible files? *   1/1

○ ls

○ ls -l

◉ ls -a   ✓

○ ls -i

✓ 6. What does IA stand for in S3 standard IA? *   1/1

○ Identifier access

○ Identity Access

◉ Infrequent accessed   ✓

○ Identify access

✓ 3.Which instances are best used when you are working with large   *1/1
   datasets on local storage?

○ Reserved instances

○ Dedicated Hosts

○ Spot instances

◉ Storage optimized instances   ✓

✓ 14. What is Amazon RDS primarily used for? *   1/1

○ Hosting static websites

◉ Managing relational databases in the cloud   ✓

○ Running Docker containers

○ Load balancing web traffic

✓ 22. Which of the following is NOT a characteristic of Amazon EBS   *1/1
   volumes?

○ Persistent storage

○ Block-level storage

○ Attachable to EC2 instances

◉ Instance store-based storage   ✓

Full Name *

Ghanta Satya Durga Pavani

✓ 5. ____is recommended when you are not sure which instance type is   *1/1
     required for your performance needs.

🔘 On-Demand Instances   ✓

⚪ Reserved Instances

⚪ Spot Instances

⚪ Dedicated Hosts

✓ 40. Full form of CLI? *   1/1

⚪ control line interface

⚪ convert line interface

⚪ commands line interface

🔘 command line interface   ✓

✓ **36. Sudo stands for what? ***   1/1

○ SuperUser Done

◉ SuperUser Do   ✓

○ SuperUser Doing

○ SuperUser Doit

✗ **21. Which of the following is a limitation of a NAT Gateway? ***   0/1

○ NAT Gateway cannot handle a high volume of traffic.

○ NAT Gateway is not supported in all AWS regions.

◉ NAT Gateway requires a public IP address.   ✗

○ NAT Gateway cannot be used with EC2 instances.

Correct answer

◉ NAT Gateway is not supported in all AWS regions.

✓ **10. What capacity of files can you store in S3? ***   1/1

○ 0 bytes- 100 TB

○ 0 bytes -50 TB

◉ 0 bytes -5 TB   ✓

○ 0 bytes -25 TB

Google Forms