

# STUDENT VERSION (Week-5)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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- ▶ Icebreaking
- ▶ Questions
- ▶ Interview/Certification Questions
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

# Teamwork Schedule

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## Ice-breaking

10m

- Personal Questions (Stay at home & Corona, Study Environment, Kids etc.)
- Any challenges (Classes, Coding, AWS, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

## Team work

10m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

## Ask Questions

15m

1. What is the main use of AWS CLI? <https://docs.aws.amazon.com/cli/latest/userguide/cli-chap-welcome.html>

- A. Interact with AWS services
- B. Accessing OS that is not possible with AWS services
- C. To make only on-prem operations
- D. None of the above

2. What does the command `git branch` (without any options) do? <https://git-scm.com/docs/git-branch>

- A. Shows you a list of your local branches
- B. Creates a new branch
- C. Renames a branch
- D. Shows you a list of your remote branches

3. \_\_\_\_ shows the count of the arguments passed to the script? (Shell)

<https://missing-semester-tr.github.io/2020/shell-tools/>

- A. %\$
- B. \$\$
- C. \$#
- D. %#

4. Which command is find out how long the system has been running? <https://www.tecmint.com/linux-uptime-command-examples/>

- A. Continue
- B. Running
- C. Uptime
- D. Current

5. Given a file find the count of lines containing word "ABC".

- A. `grep c- "ABC" file1`
- B. `grep -c "ABC" file1`
- C. `grep c "ABC" file1`
- D. `grep "ABC" file1`

## Interview/Certification Questions

20m

1. Which of the following default settings are incorrect for a newly created S3 bucket? (choose 2 options)

- A. Encryption is not enabled.
- B. **Transfer Acceleration is enabled.**
- C. No bucket policy exists.
- D. **Versioning is enabled.**

2. In Amazon S3, what is the difference between lifecycle policies and intelligent tiering?  
<https://www.1strategy.com/blog/2019/09/25/s3-intelligent-tiering-vs-lifecycle-configuration/>

- A. **Lifecycle policies are not dependent on access patterns as is the case with intelligent tiering, instead they are pre-configured with a transition rule.**
- B. Intelligent tiering is an object storage class which is not dependent on access patterns, it uses a preconfigured transition rule
- C. When transitioning objects into different storage classes, intelligent tiering is automatic whilst lifecycle policies have to be manually triggered.
- D. Lifecycle policies cannot be configured to permanently delete objects from an S3 bucket whilst intelligent tiering can do so if versioning is turned on.

3. A company wants to utilize AWS storage. For them low storage cost is paramount, the data is rarely retrieved, and data retrieval times of **several hours** are acceptable for them. What is the best storage option to use?

- A. **AWS Glacier**
- B. AWS S3 Reduced Redundancy Storage
- C. EBS backed storage connected to EC2
- D. AWS CloudFront

4. Which of the following can be attached to EC2 Instances to store data?  
<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/Storage.html>

- A. Amazon Glacier
- B. **Amazon EBS Volumes**
- C. Amazon EBS Snapshots
- D. Amazon SQS

**5. Development teams in your organization use S3 buckets to store log files for various applications hosted in AWS development environments. The developers intend to keep the logs for a month for troubleshooting purposes, and subsequently purge the logs. Which feature should be used to enable this requirement?** <https://docs.aws.amazon.com/AmazonS3/latest/dev/object-lifecycle-mgmt.html>

- A. Adding a bucket policy on the S3 bucket.
- B. Configuring lifecycle configuration rules on the S3 bucket.
- C. Creating an IAM policy for the S3 bucket.
- D. Enabling CORS on the S3 bucket.

## Coding Challenge

5m

- Coding Challenge: Create Phonebook Application

## Video of the Week

15m

- Static Website on S3 Bucket / Clarusway

## Retro Meeting on a personal and team level

10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

## Case study/Project

10m

- Hands-on Flask-05 : Handling SQL with Flask Web Application

## Closing

5m

-Next week's plan

-QA Session

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