"Cloud Computing in the European schools"

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"Cloud storage"

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Objective

According to Amazon (https://aws.amazon.com/en/what-is-cloud-storage/) "Cloud storage is a simple and scalable way to store, access and share data over the Internet. Cloud storage providers, such as Amazon Web Services, are the owners and responsible for the maintenance of network hardware and software, while you are dedicated to provisioning and using what you need through a web application. Cloud storage eliminates the acquisition and administration costs associated with the purchase and maintenance of your own storage infrastructure, increases agility, provides a global scale and allows access to data "from anywhere, at any time". In short, cloud storage is a more SaaS-type solution focused on the storage and access of data in a shared way.

In this activity we want to know the best market solutions and make a comparison of them, on the one hand, and learn to use some of them.

Exercise 1.- Solutions comparative

Make a study of the storage solutions SaaS most used today. The information we want to obtain is for each solution is:
1. Name of the company that offers the service.
2. Service name
3. Products that offer detailing their characteristics.
4. Type of license. Prices.
5. URL
6. Opinions and comparison with other solutions

Who carries out this exercise: the class will be distributed in groups and each group should investigate and document the work done.

You must prepare 4 multiple-choice test questions with one or more correct answers.

Exercise 2.- Practical use of solutions

In this exercise we want to approach the cloud storage services of:
1. Google
2. Amazon
3. Microsoft

The objective is to have accounts of these suppliers and to carry out practical

demonstrations on the solutions they offer.

Reference documentation for Google: http://blog.princippia.com/2017/06/curso-completo-gratuito-google-drive.html. Following this documentation you will learn to:

1. Basic operations with folders
   a. Create folders and subfolders, and delete them
   b. Move a folder
   c. Highlight a folder
   d. Download the contents of a folder
   e. Upload a folder to the cloud
   f. Upload a file
   g. Upload Microsoft Office files
   h. Highlight files
   i. Copy files
   j. Move files
   k. Create shortcuts to files
   l. Know the information in the archives
   m. Recover an erased file or folder
2. Copy folders
3. The different roles to share: with whom, how, when, special permissions for publishers, readers
4. Add to my unit
5. Transfer ownership of a file or folder
6. How to search files or folders
7. Work offline
8. Activate notifications
9. Distribute copies

Who does this exercise:
● the class will be distributed in groups and each group should investigate and document the work done.
● Students who move to Germany will work storage in Google.
● The rest of the students will have to document about the possible operations to be carried out.
● In the 3 providers should be accompanied by screenshots and written explanations. In class we will make a presentation in which practical demonstrations of what has been learned should be done.

You must prepare 4 multiple-choice test questions with one or more correct answers.

Work methodology

Collaborative team-work.

Documentation and exhibition

- Only delivery for each group.
- Make a presentation where you collect the study done in the previous exercises.
- Follow the guide on "Written Expression".
- Students who have been selected for mobility must submit the documentation in English.
- All the groups will present the activity in class making use of their document.

Mark

This activity is part of the Erasmus + project "Cloud Computing in the European schools". All students must complete it. An increase of up to 1 point will be applied in the final mark of the professional module where it is given, provided that the grade obtained in the evaluation of the associated learning results is equal to or greater than 5.