T5 - Systems and Networks Seminar

T-SRS-500

Day 08

myNAS

Task 01 - Space

In order to preserve your disk space make sure that the users, other than yourself, have a maximum space of 3 Go.
Define a dedicated group whose members will have a limit of 5 Go.

Task 02 - Gitlab

Install GitLab and configure it to function with the users of your machine.

Task 03 - FreeNAS

Install a FreeNAS server to share your files, with user rights management.

Task 04 - Create User

Create two users on freenas dashboard (marvin, gandalf) with a folder for both. You can choose the user's password.

Task 05 - Backup Day

Create a new virtual machine Centos with 20G hard drive.
it can be able to ping mysql server and Freenas server.

Task 06 - Save me

Create a script on centos for backup all databases of mysql-server and also all shared datas by freenas server
This script must be executed every six hours

Task 07 - Secure me

Allow only ssh access for mysql server and freenas. others devices are not able to access.

Task 08 - Get me

Install ftp server on the backup server and create an user backup (password : backup42)
This user is allowed to connect on the ftp server and get the last backup.

Task 09 - Iptables is life

For each others services on the backup server , the firewall must block. (only allow port 22 and 21)

{EPITECH.}