

Practical Work 03

Users, Groups, Permissions & Ownership

Lab: Your Work (1)

1. Access to remote server “`ssh your_student_id@os.cammob.ovh`”
2. Change the file permission “`public_html/your.full.name/hello.txt`”
 - **User** owner: **CAN** read, write and **execute**
 - **Group**: **CAN** read and **execute**, and **CANNOT** write
 - **Others**: **CAN** read, but **CANNOT** write and **execute**
3. Go to browser enter
 - `http://your_student_id.os.cammob.ovh/your.full.name/hello.txt`
4. **Question:** What you notice in your browser? Why is that?

Lab: Your Work (2)

1. Access to remote server “`ssh your_student_id@os.cammob.ovh`”
2. Copy your “`hello.txt`” file to “`halo.txt`”
3. Change the file permission “`halo.txt`”
 - **User** owner: CANNOT read, write and execute
 - **Group**: CANNOT read, write and execute
 - **Others**: CAN read, write and execute
4. Go to browser enter
 - `http://your_student_id.os.cammob.ovh/your.full.name/halo.txt`
5. **Question:** What you notice in your browser? Why is that?

Lab: Your Work (3)

1. Access to remote server “`ssh your_student_id@os.cammob.ovh`”
2. Create new directory “`pms`” inside “`public_html/your.full.name/lab03/`”
3. Copy your file “`hello.txt`” to another file located at “`lab03/pms/bonjour.txt`”
4. Change the directory permission of “`lab03/pms/`” to
 - **User** owner: **CANNOT** **read**, **write** and **execute**
 - **Group**: **CANNOT** **read**, **write** and **execute**
 - **Others**: **CANNOT** **read**, **write** and **execute**
5. Change the file permission of “`lab03/pms/bonjour.txt`” to
 - **User** owner: **CAN** **read**, **write** and **execute**
 - **Group**: **CAN** **read**, **write** and **execute**
 - **Others**: **CAN** **read**, **write** and **execute**
6. Go to browser enter
 - `http://your_student_id.os.cammob.ovh/your.full.name/lab03/pms/bonjour.txt`
7. **Question:** What you notice in your browser? Why is that?

Assignment W03-1

1. Access to your account in remote server “`ssh your_student_id@os.cammob.ovh`”
2. Create new directory “`a01`”, “`a02`”, “`a03`”, “`a04`”, “`a05`”, “`a06`”, “`a07`”, “`a08`”, “`a09`”, “`a10`” inside directory “`public_html/your.full.name/lab03/`”
3. Create new files “`all.txt`”, “`user.txt`”, “`group.txt`” and “`other.txt`” inside each directory you just created above (`a01`, `a02`, ..., `a10`)

Assignment W03-1 (continue)

1. Write command to change file permission of “**all.txt**” by using “**Symbolic Mode**”
 - a. **User owner, group, and others CAN** read, write and execute
2. Write command to change file permission of “**user.txt**” by using “**Numeric Mode**”
 - a. **User owner CAN** read, write and execute
 - b. **Group, and others CANNOT** read, write and execute
3. Write command to change file permission of “**group.txt**” by using “**Numeric Mode**”
 - a. **User owner and others CANNOT** read, write and execute
 - b. **Group CAN** read, write and execute
4. Write command to change file permission of “**other.txt**” by using “**Symbolic Mode**”
 - a. **User owner and group CANNOT** read, write and execute
 - b. **Others CAN** read, write and execute

Submit Your Assignment W03-1

1. The screenshot of your typing commands
2. The screenshot of your browser result including address bar each file (**all.txt**, **user.txt**, **group.txt** and **other.txt**) inside “**a10**” directory
3. Submit your work to eLearning

BONUS W03

1. Write minimal command lines to work on “**Assignment W03-1**” again but with directory “**b01**”, “**b02**”, ..., “**b10**” instead of “**a01**”, ...
2. Submit your list of command lines you entered to get this results in another “bonus.pdf” file with writing comment in each command line
(NOTE: comment is start with #)
 - o For example:

```
# change my current directory to my working space of lab03
cd public_html/kannika.kong/lab03/
```

```
# create directory "dir01" inside "lab03" directory
mkdir dir01
```