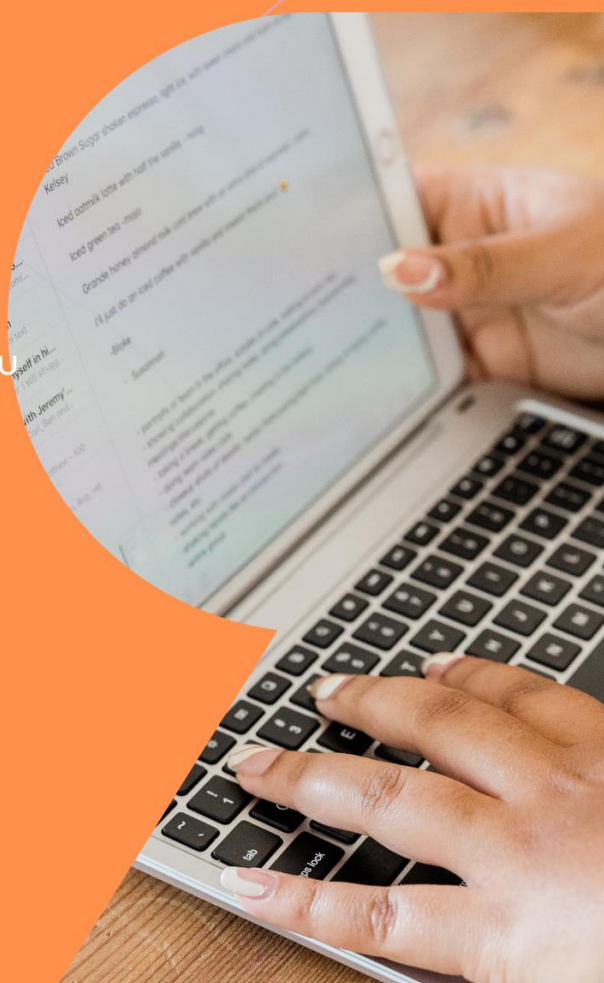# Projet professionnelle

BTS SIO Session 2022

parcour SISR

Ractivation de ssh sous ubuntu

PRÉSENTÉ PAR

Sandy Cerrato

2022

Le projet dirigé activation de SSH sous Ubuntu

Lignes de commandes sur une Virtual Machine Ubuntu :

1- Installation du service open ssh.

```
glpi@glpi-Virtual-Machine:~$ sudo apt-get install openssh-server
```

2- Mise à jour du service.

```
glpi@glpi-Virtual-Machine:~$ sudo apt-get update
```

3- A. Génération d'une clé RSA.

B. Génération de la clé privée et publique dans le dossier indiqué ainsi que la phrase

secrète.

C. Visualisation de la clé d'empreinte digitale crypté à l'aide de la méthode de hachage « SHA256 ».

```
glpi@glpi-Virtual-Machine:~$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/home/glpi/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/glpi/.ssh/id_rsa
Your public key has been saved in /home/glpi/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:Hf/iJTstvX4DG93wl8tmQSrIv4WS+S6bEvcxW3X7op0 glpi@glpi-Virtual-Machine
The key's randomart image is:
+---[RSA 3072]----+
|                 |
|                 |
|      .          |
|     . o  .o.    |
|    S o . =o=    |
|   . +o+.* =+    |
|    o+o.O+B =    |
|   . .+=+B+Bo    |
|     .o++==E+.   |
+----[SHA256]-----+
```

4- Installation de la clé sur une autre machine.

```
glpi@glpi-Virtual-Machine:~$ ssh-copy-id glpi@10.0.6.53
The authenticity of host '10.0.6.53 (10.0.6.53)' can't be established.
ECDSA key fingerprint is SHA256:oJj+FislHfTN434CJVtc/PdwdB6VbKi2L02rpC/dx0Y.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter
out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompt
ed now it is to install the new keys
glpi@10.0.6.53's password:
Permission denied, please try again.
glpi@10.0.6.53's password:

Number of key(s) added: 1

Now try logging into the machine, with:   "ssh 'glpi@10.0.6.53'"
and check to make sure that only the key(s) you wanted were added.
```

Projet

5- Connexion au serveur Ubuntu depuis un système d'exploitation Windows.

```
Microsoft Windows [version 10.0.17763.2237]
(c) 2018 Microsoft Corporation. Tous droits réservés.

:\Users\Administrateur>ssh glpi@10.0.6.53
The authenticity of host '10.0.6.53 (10.0.6.53)' can't be established.
ECDSA key fingerprint is SHA256:oJj+FislHfTN434CJVtc/PdwdB6VbKi2L02rpC/dx0Y.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '10.0.6.53' (ECDSA) to the list of known hosts.
glpi@10.0.6.53's password:
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.11.0-27-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

107 mises à jour peuvent être appliquées immédiatement.
53 de ces mises à jour sont des mises à jour de sécurité.
Pour afficher ces mises à jour supplémentaires, exécuter : apt list --upgradable

Your Hardware Enablement Stack (HWE) is supported until April 2025.
glpi@glpi-Virtual-Machine:~$
glpi@glpi-Virtual-Machine:~$
glpi@glpi-Virtual-Machine:~$
glpi@glpi-Virtual-Machine:~$
```
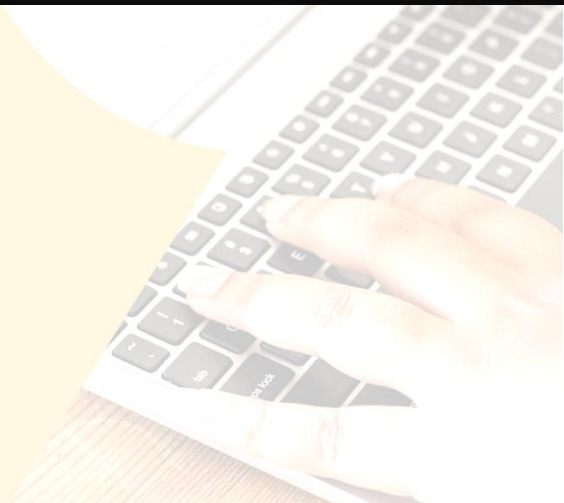
PRÉSENTÉ PAR
Sandy Cerrato

2022

6- Connexion au serveur Ubuntu depuis PuTTY.