LINUX

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- Probleme d'acces ZABBIX/GLPI/ETC Ce site est inaccessible 192.168.1.0/24 n'autorise pas la connexion.

SSH

- Tunnel SSH:

```
# {PORT_LOCAL}:{SERVEUR_DESTINATION}:{PORT_DU_SERVEUR_DISTANT}
{IP_A_LAQUELLE_JACCEDE}
ssh -L 9999:172.16.0.3:80 192.168.1.210
```

INSTALLATION DE ZSH

- ZSH
  1. Installer zsh et curl

```
apt update && apt install zsh curl git
```

  2. Télécharger OhmyZSH et l'installer

```
root@adm-front-01:~# sh -c "$(curl -fsSL
https://raw.githubusercontent.com/ohmyzsh/ohmyzsh/master/tools/install.sh)"
Cloning Oh My Zsh...
remote: Enumerating objects: 1386, done.
remote: Counting objects: 100% (1386/1386), done.
remote: Compressing objects: 100% (1332/1332), done.
remote: Total 1386 (delta 31), reused 1142 (delta 26), pack-reused 0
Receiving objects: 100% (1386/1386), 3.19 MiB | 1.74 MiB/s, done.
Resolving deltas: 100% (31/31), done.
From https://github.com/ohmyzsh/ohmyzsh
 * [new branch]      master     -> origin/master
branch 'master' set up to track 'origin/master'.
Already on 'master'
/root


Looking for an existing zsh config...
Using the Oh My Zsh template file and adding it to /root/.zshrc.


Time to change your default shell to zsh:
Do you want to change your default shell to zsh? [Y/n] Y
Changing your shell to /usr/bin/zsh...
Shell successfully changed to '/usr/bin/zsh'.


         __                                     __
  ____  / /_     ____ ___  __  __   ____  _____/ /_
 / __ \/ __ \   / __ `__ \/ / / /  /_  / / ___/ __ \
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\____/_/ /_/  /_/ /_/ /_/\__, /    /___/____/_/ /_/
```

```
                        /____/                       ....is now installed!


Before you scream Oh My Zsh! look over the `.zshrc` file to select plugins,
themes, and options.

• Follow us on Twitter: https://twitter.com/ohmyzsh
• Join our Discord community: https://discord.gg/ohmyzsh
• Get stickers, t-shirts, coffee mugs and more:
https://shop.planetargon.com/collections/oh-my-zsh

➜  ~
```

3. Installer p10k

```
git clone --depth=1 https://github.com/romkatv/powerlevel10k.git ${ZSH_CUSTOM:-
$HOME/.oh-my-zsh/custom}/themes/powerlevel10k
#Set ZSH_THEME="powerlevel10k/powerlevel10k" in ~/.zshrc
source ~/.zshrc
```

POWERSHELL SUR LINUX

INSTALLATION

```
apt upgrade && apt full-upgrade && apt install curl apt-transport-https gnupg2 -y

curl https://packages.microsoft.com/keys/microsoft.asc | apt-key add -

sh -c 'echo "deb [arch=amd64] https://packages.microsoft.com/repos/microsoft-debian-bullseye-prod bullseye main" > /etc/apt/sources.list.d/microsoft.list'

apt update &&  apt install -y powershell gss-ntlmssp
```

SE CONNECTER À DISTANCE EN POWERSHELL

1. Installation des modules nécessaires en BASH

   ```
   pwsh -Command 'Install-Module -Name PSWSMan' --> Redémarrer une session
   ```

2. Installation des module nécessaire en POWERSHELL

   ```
   pwsh
   Install-Module -Name PowerShellGet
   Install-Module -Name PSWSMan -force
   Install-WSMan
   ```

3. Connexion sur un WINDOWS SERVER

   ```
   PS /root> Enter-PSSession -ComputerName 172.16.0.3 -Authentication Negotiate -Credential megaproduction\administrator

   PowerShell credential request
   Enter your credentials.
   Password for user megaproduction\administrator: ********

   [172.16.0.3]: PS C:\Users\Administrator\Documents>
   hostname
   ```

```
ads-front-01
```

> Il faudra au préalable avoir lancé ces commande sur le serveur distant:

```
Enable-PSRemoting -Force
```

DÉBUT D'AUTOMATISATION

1. Création de la commande à lancer

```
$creds = Get-Credential -UserName megaproduction\administrator
$block = {Get-WindowsFeature | Where { $_.Installed } | Select
Name,DisplayName,Description | select -First 4}

# Lancement du contenu de la variable $block sur le serveur distant
Invoke-Command -ComputerName RemotePC -Authentication Negotiate -Credential $creds -
ScriptBlock $block
# On peut aussi lancer un script local sur le serveur distant
Invoke-Command -ComputerName RemotePC -Authentication Negotiate -Credential $creds -
FilePath C:\Scripts\my_script.ps1
```

2. Résultat attendus

```
PS /root> Invoke-Command -ComputerName 172.16.0.3 -Authentication Negotiate -
Credential $creds `
>> -ScriptBlock $block -verbose


Name           : AD-Domain-Services
DisplayName    : Active Directory Domain Services
Description    : Active Directory Domain Services (AD DS) stores information about
objects on the network and makes this information available to users and network
administrators. AD DS uses domain controllers
                 to give network users access to permitted resources anywhere on the
network through a single logon process.
PSComputerName : 172.16.0.3
```

```
RunspaceId     : 553f7cb6-c422-4fa2-a93e-62525616f57a

Name           : DNS
DisplayName    : DNS Server
Description    : Domain Name System (DNS) Server provides name resolution for TCP/IP
networks. DNS Server is easier to manage when it is installed on the same server as
Active Directory Domain Services. If you
                  select the Active Directory Domain Services role, you can install
and configure DNS Server and Active Directory Domain Services to work together.
PSComputerName : 172.16.0.3
RunspaceId     : 553f7cb6-c422-4fa2-a93e-62525616f57a

Name           : FileAndStorage-Services
DisplayName    : File and Storage Services
Description    : File and Storage Services includes services that are always
installed, as well as functionality that you can install to help manage file servers
and storage.
PSComputerName : 172.16.0.3
RunspaceId     : 553f7cb6-c422-4fa2-a93e-62525616f57a

Name           : File-Services
DisplayName    : File and iSCSI Services
Description    : File and iSCSI Services provides technologies that help you manage
file servers and storage, reduce disk space utilization, replicate and cache files to
branch offices, move or fail over a fil
                 e share to another cluster node, and share files by using the NFS
protocol.
PSComputerName : 172.16.0.3
RunspaceId     : 553f7cb6-c422-4fa2-a93e-62525616f57a
```

SSH-AGENT

Mise en place du démarrage de ssh-agent automatiquement

ZSH

```
echo "eval $(ssh-agent -s)" >> ~/.zshrc
echo "ssh-add ~/.ssh/id_rsa" >> ~/.zshrc
source ~/.zshrc
```

BASH

```
echo "eval $(ssh-agent -s)" >> ~/.bashrc
echo "ssh-add ~/.ssh/id_rsa" >> ~/.bashrc
source ~/.bashrc
```

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