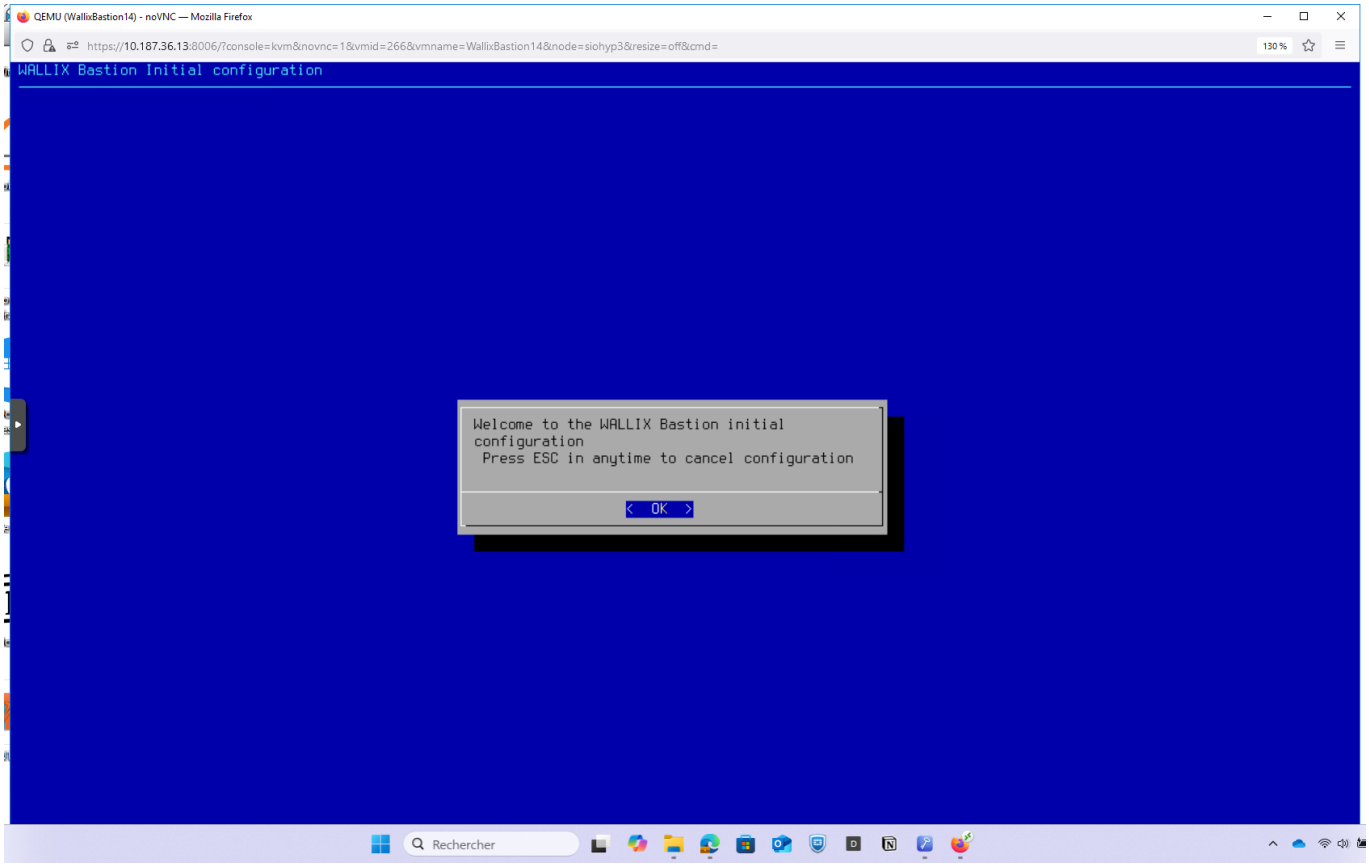
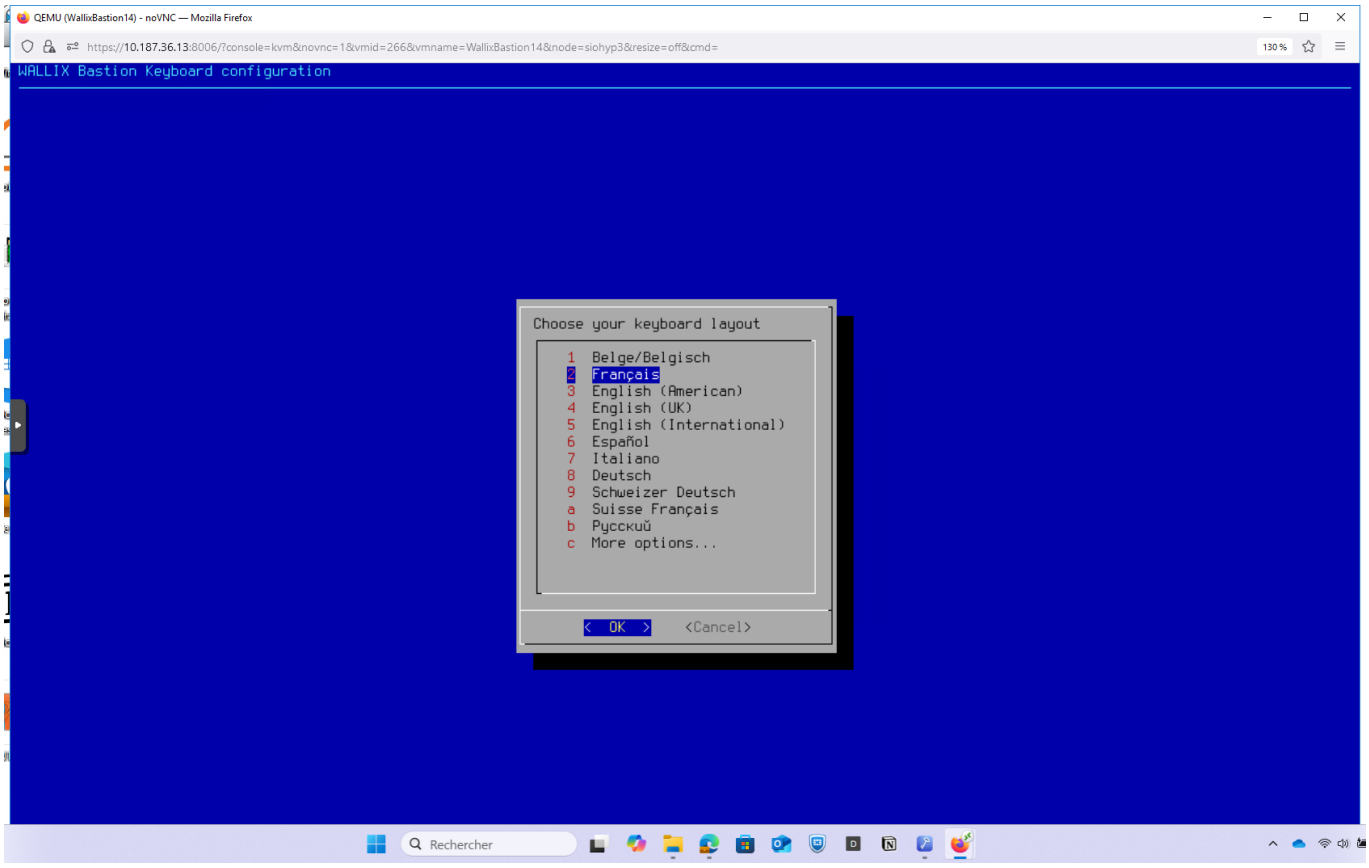
1. Installation du bastion Wallix

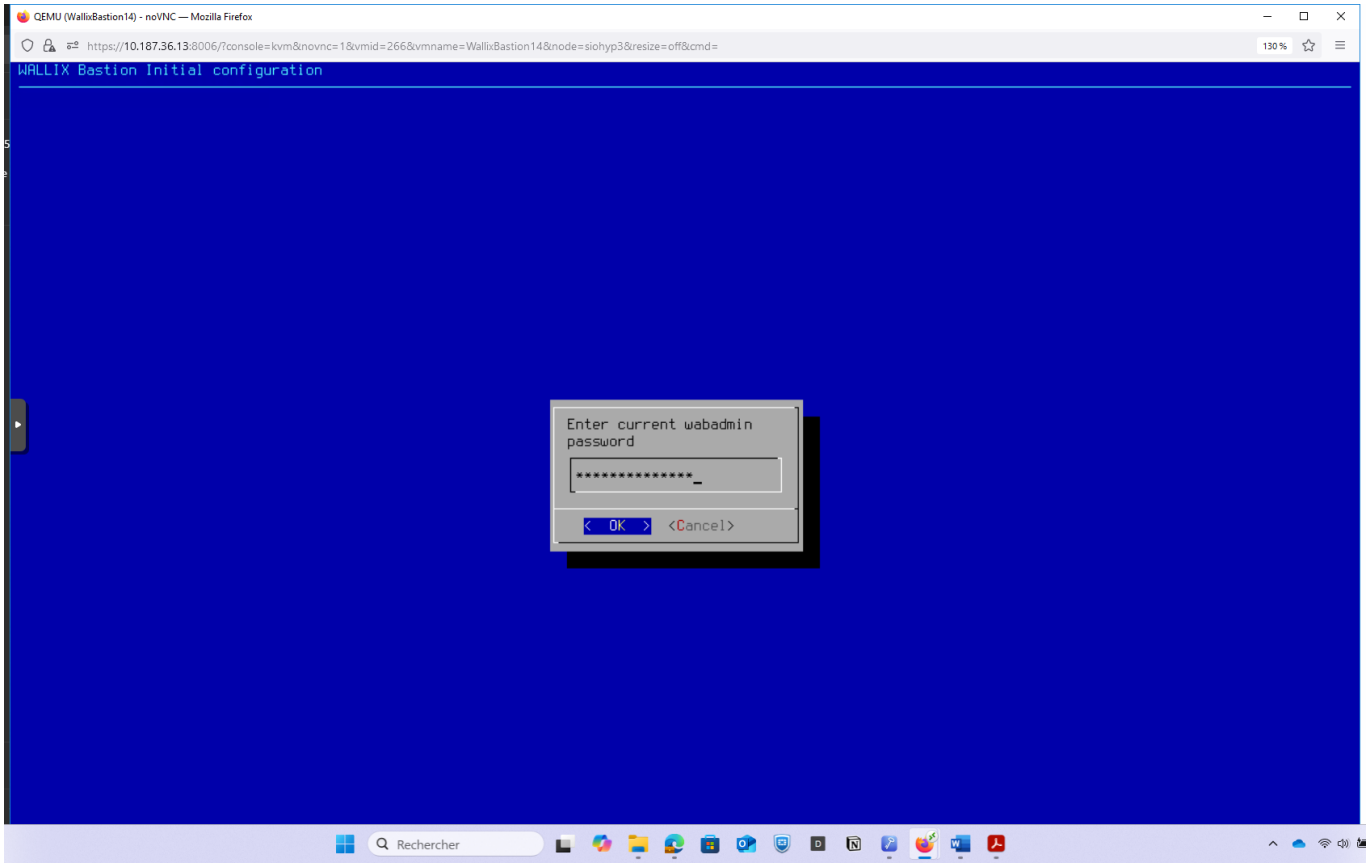
- Dans Proxmox, créer le bastion à partir du modèle de template
- Démarrer le Bastion

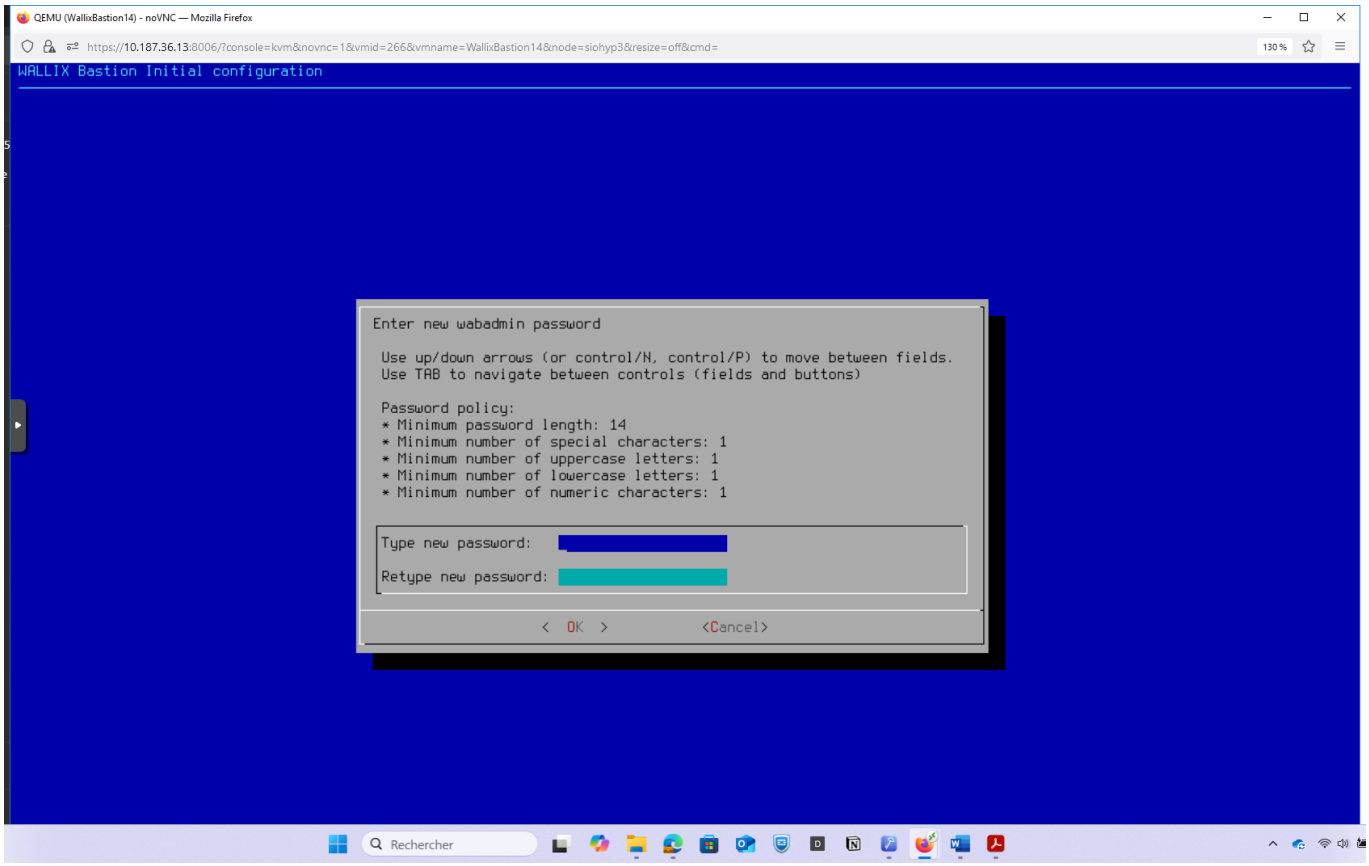


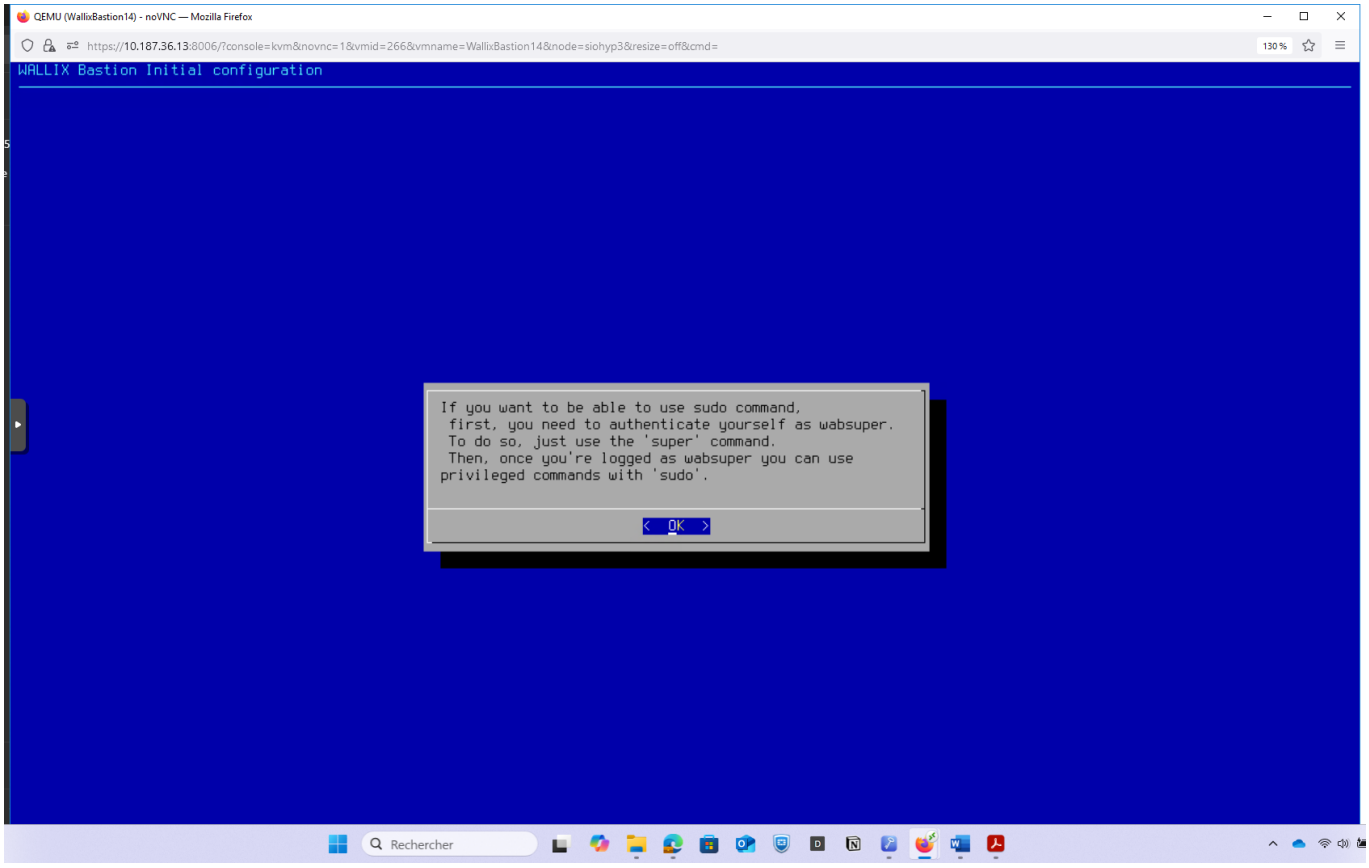


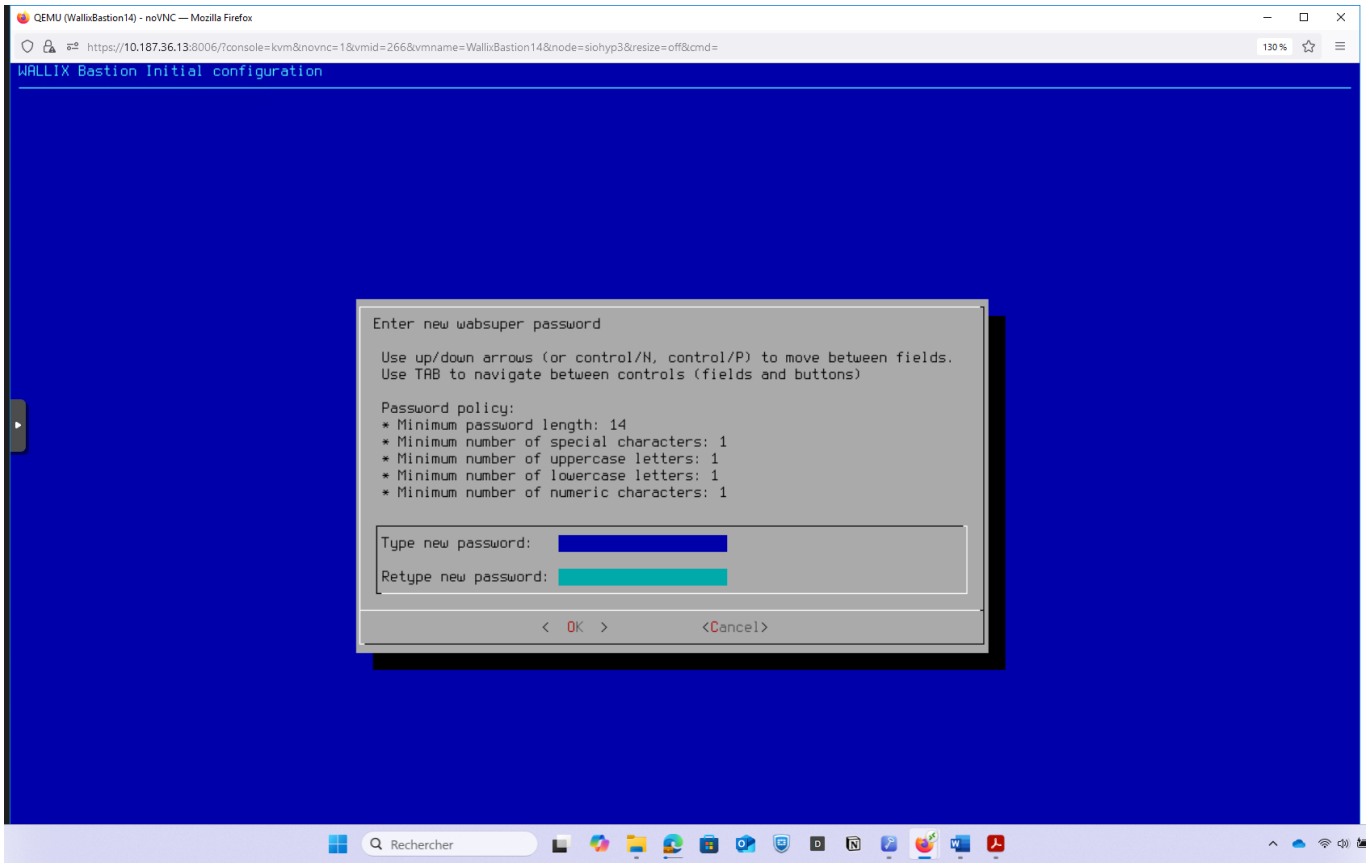


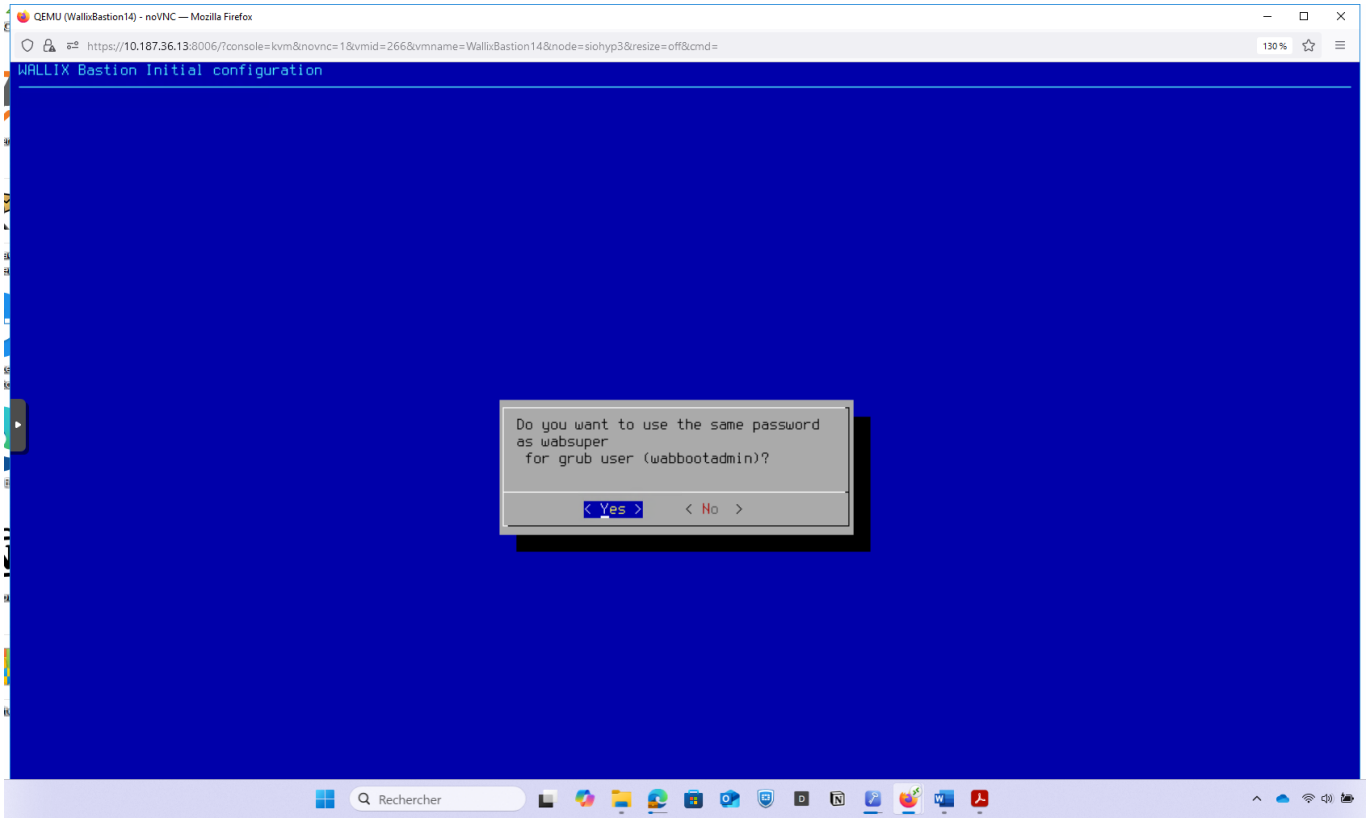
Le mot de passe initial du compte **wabadmin** est **SecureWabAdmin**. Il est nécessaire de le changer par un mot de passe fort.

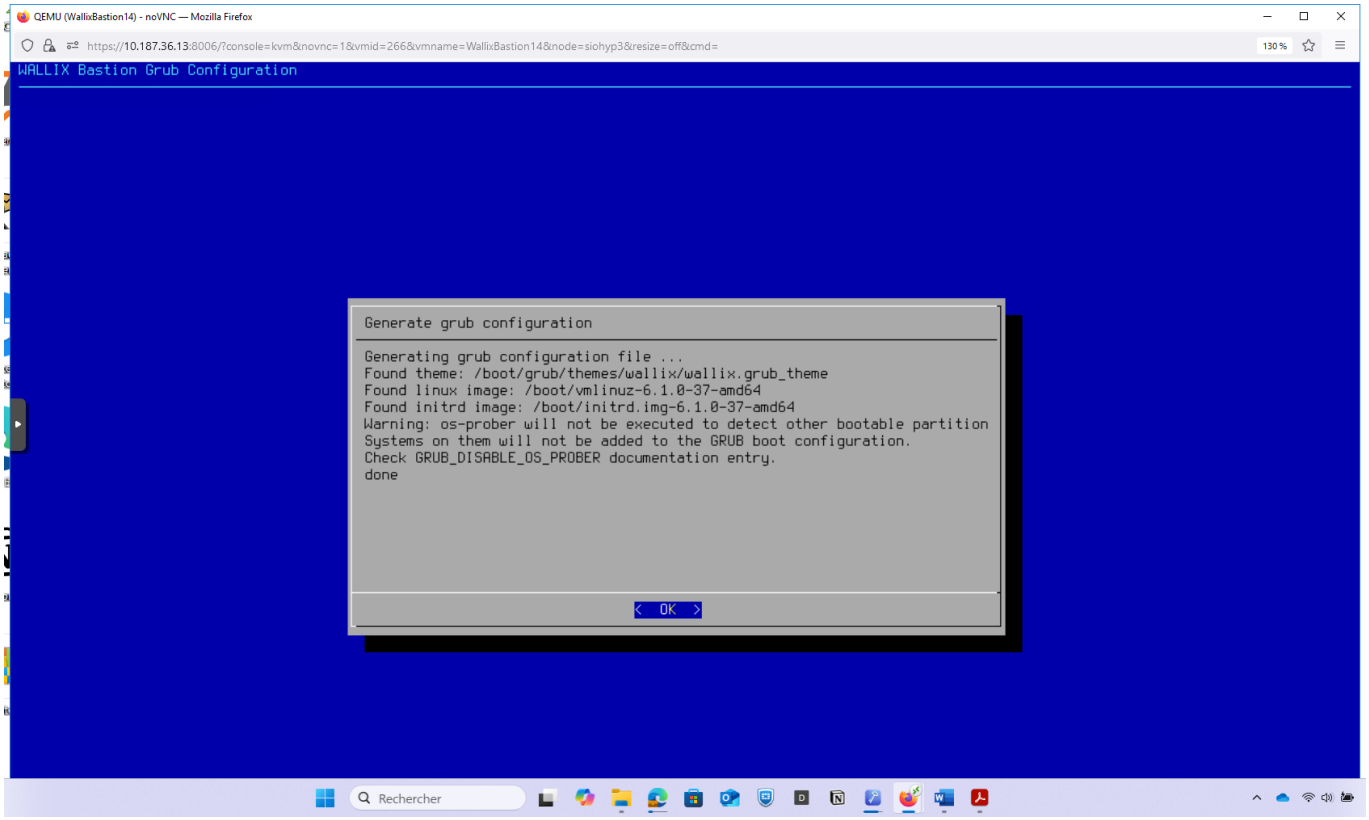

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Initial configuration
Enter current wabadmin password
**********_
< OK >
<Cancel>
Rechercher

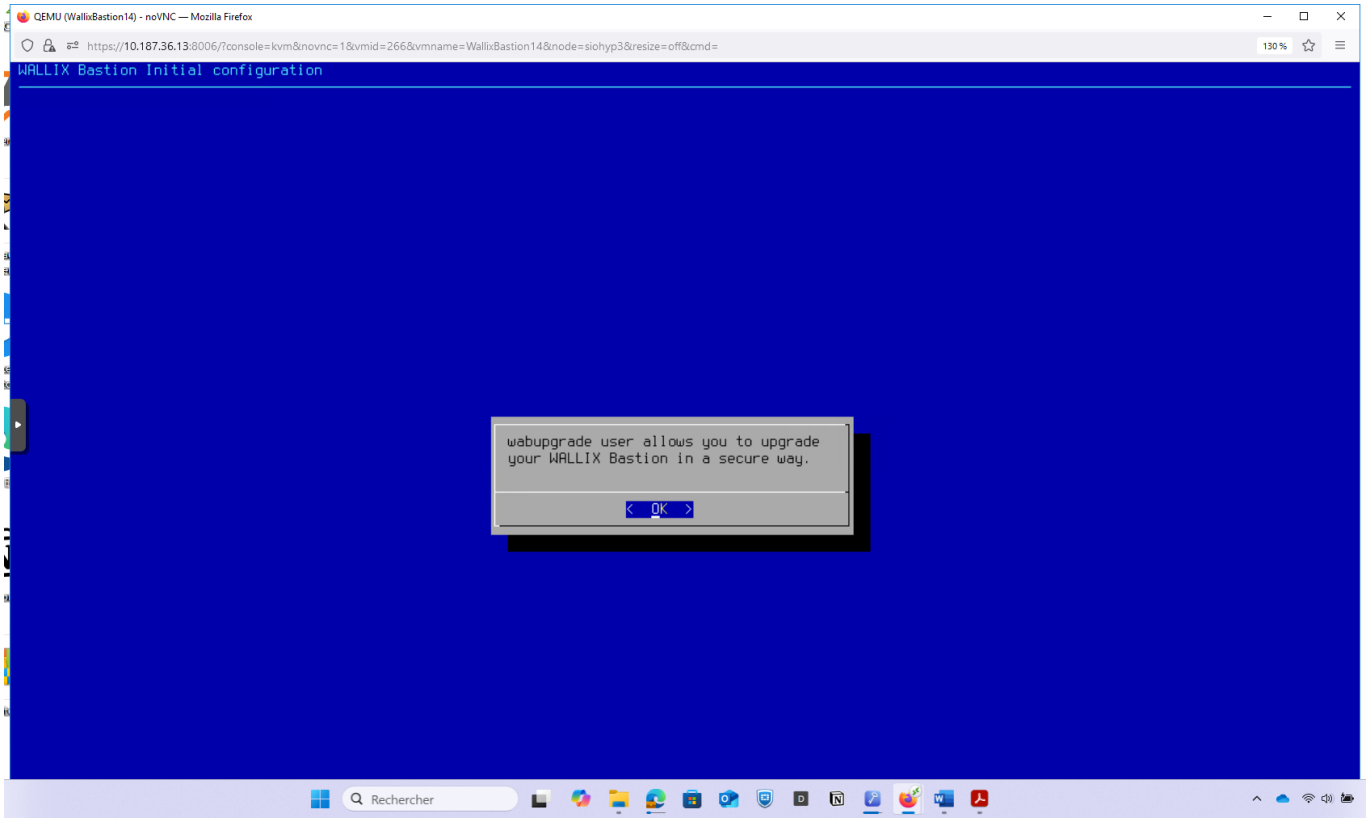

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Initial configuration
Enter new wabadmin password
Use up/down arrows (or control/N, control/P) to move between fields.
Use TAB to navigate between controls (fields and buttons)
Password policy:
* Minimum password length: 14
* Minimum number of special characters: 1
* Minimum number of uppercase letters: 1
* Minimum number of lowercase letters: 1
* Minimum number of numeric characters: 1
Type new password:
Retype new password:
< OK >
<Cancel>
Rechercher

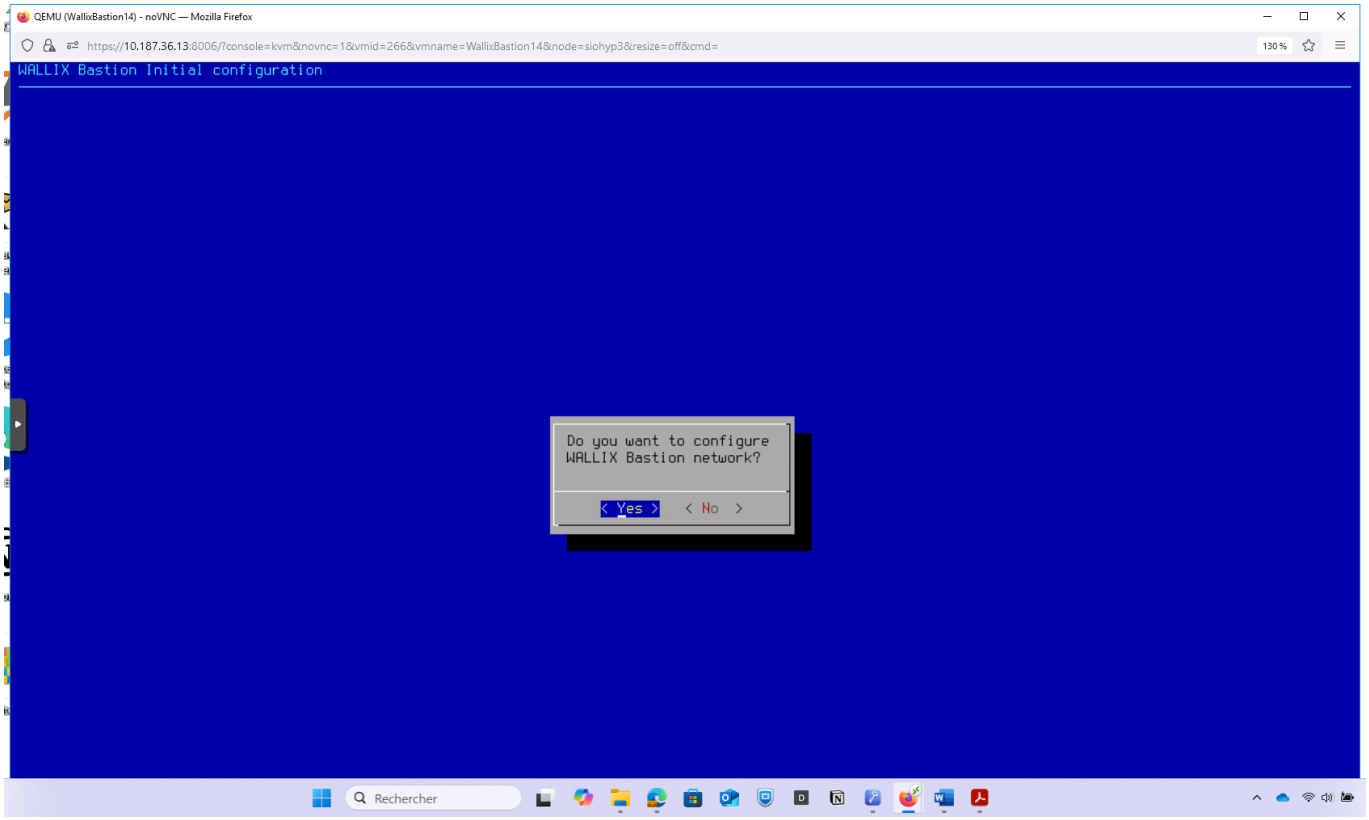

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Initial configuration
If you want to be able to use sudo command,
first, you need to authenticate yourself as wabsuper.
To do so, just use the 'super' command.
Then, once you're logged as wabsuper you can use
privileged commands with 'sudo'.
< OK >
Rechercher

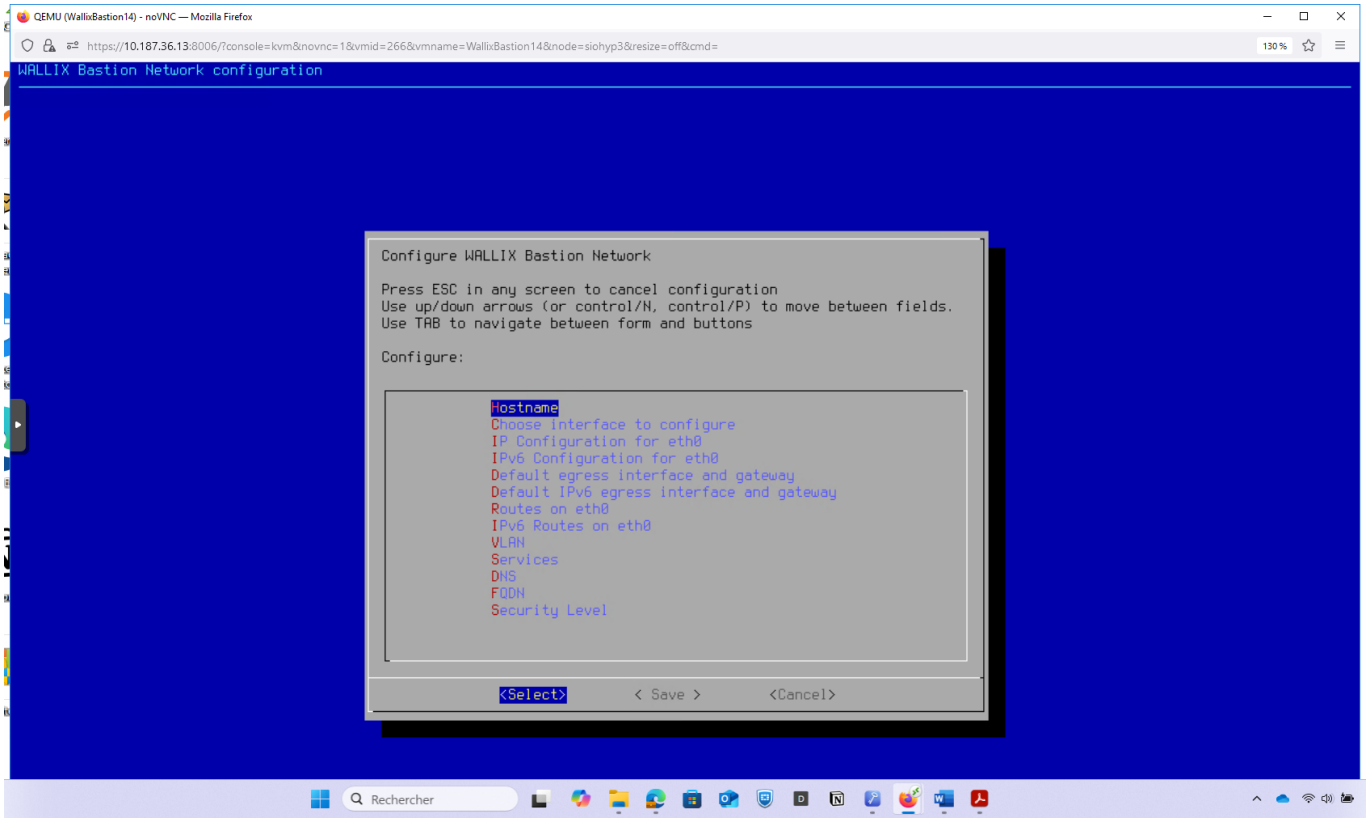

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Initial configuration
Enter new wabsuper password
Use up/down arrows (or control/N, control/P) to move between fields.
Use TAB to navigate between controls (fields and buttons)
Password policy:
* Minimum password length: 14
* Minimum number of special characters: 1
* Minimum number of uppercase letters: 1
* Minimum number of lowercase letters: 1
* Minimum number of numeric characters: 1
Type new password:
Retype new password:
< OK >
<Cancel>
Rechercher

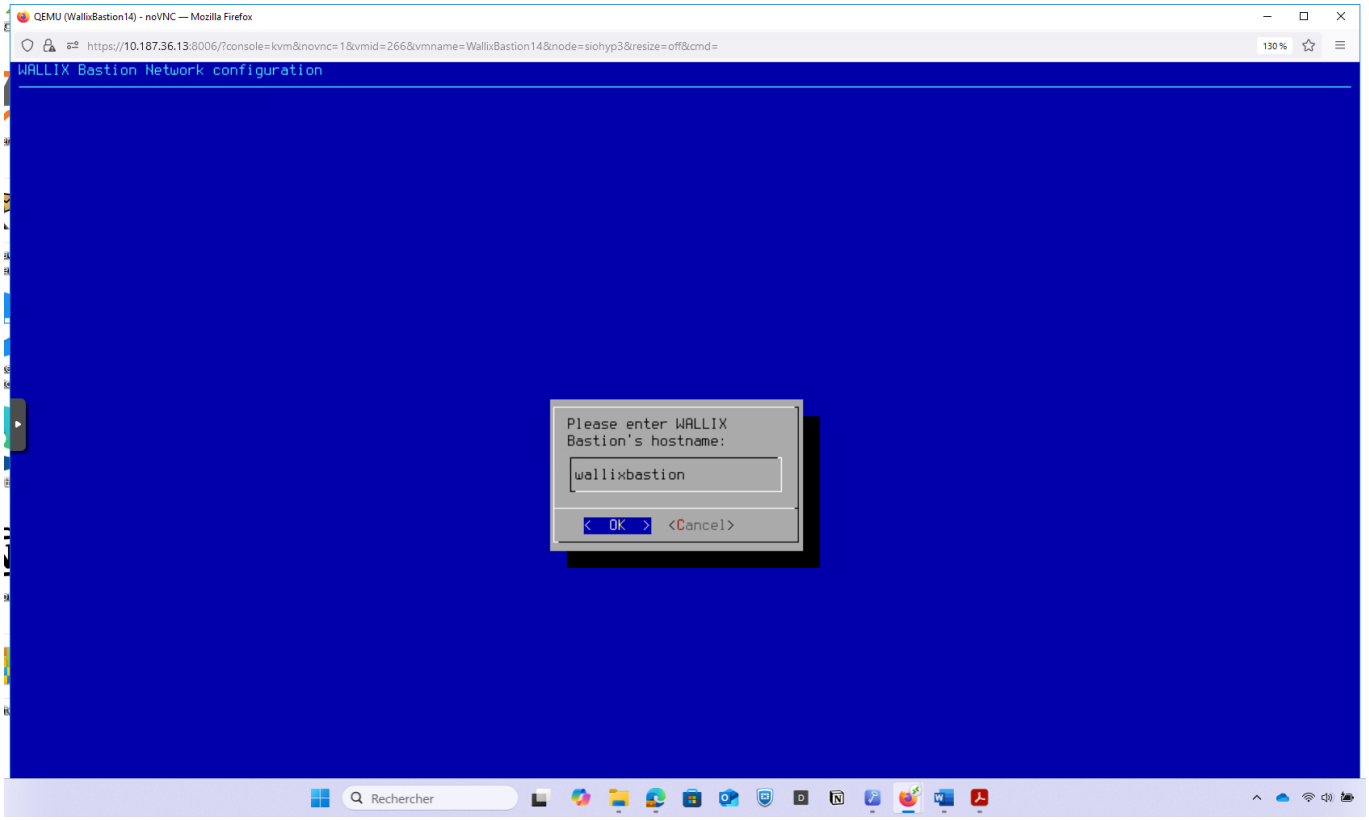

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Initial configuration
Do you want to use the same password
as wabsuper
for grub user (wabbootadmin)?
< Yes >
< No >
Rechercher

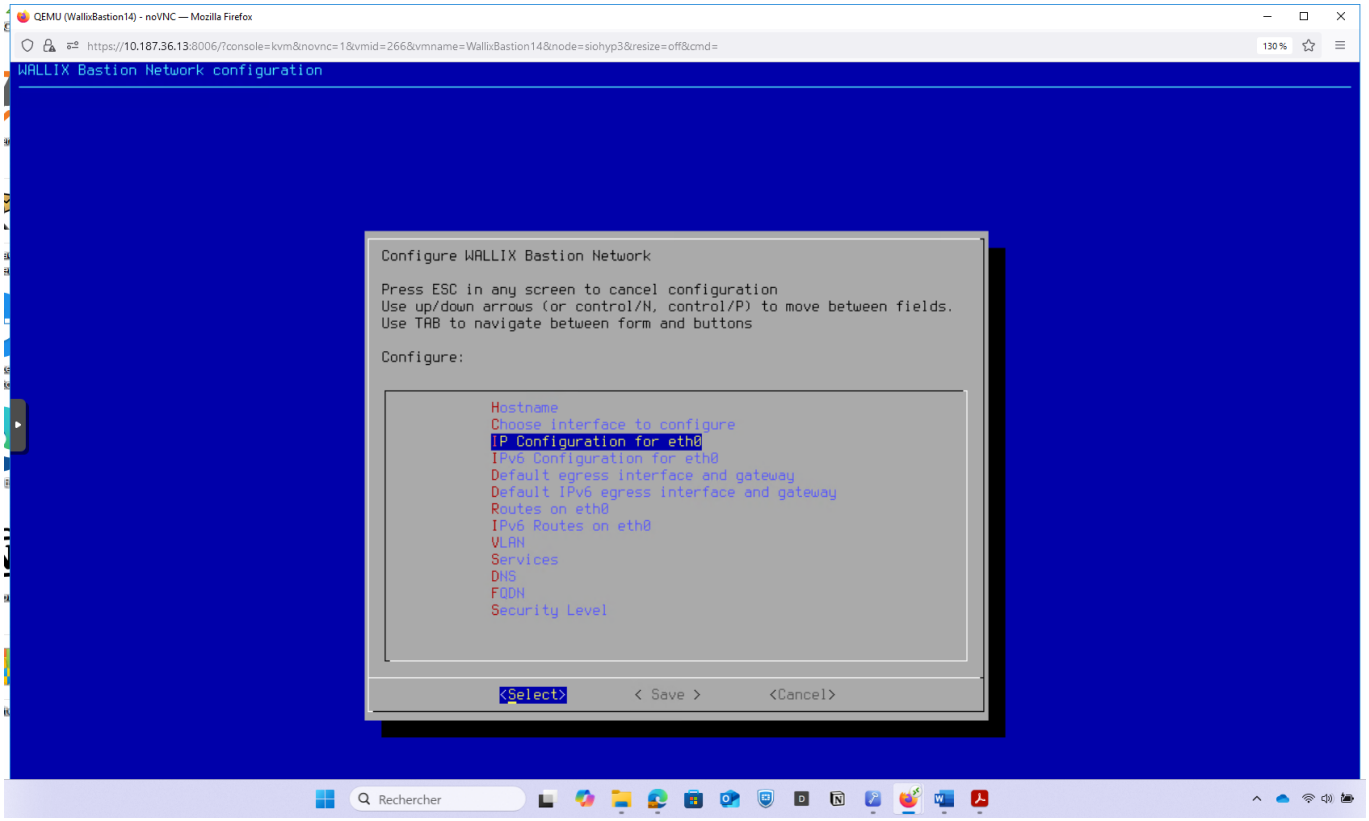

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Grub Configuration
Generate grub configuration
Generating grub configuration file ...
Found theme: /boot/grub/themes/wallix/wallix.grub_theme
Found linux image: /boot/vmlinuz-6.1.0-37-amd64
Found initrd image: /boot/initrd.img-6.1.0-37-amd64
Warning: os-prober will not be executed to detect other bootable partition
Systems on them will not be added to the GRUB boot configuration.
Check GRUB_DISABLE_OS_PROBER documentation entry.
done
< OK >
Rechercher

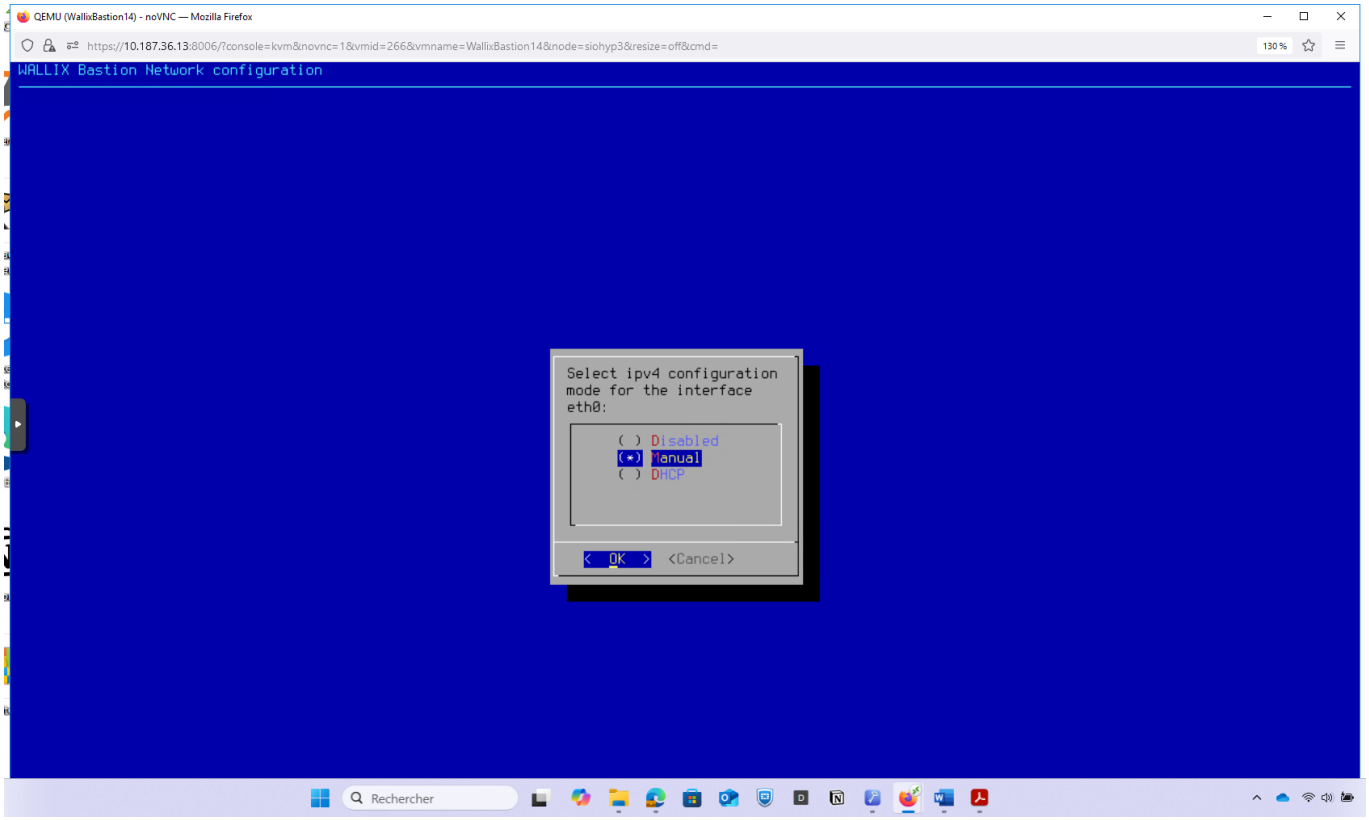

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Initial configuration
wabupgrade user allows you to upgrade
your WALLIX Bastion in a secure way.
< OK >
Rechercher

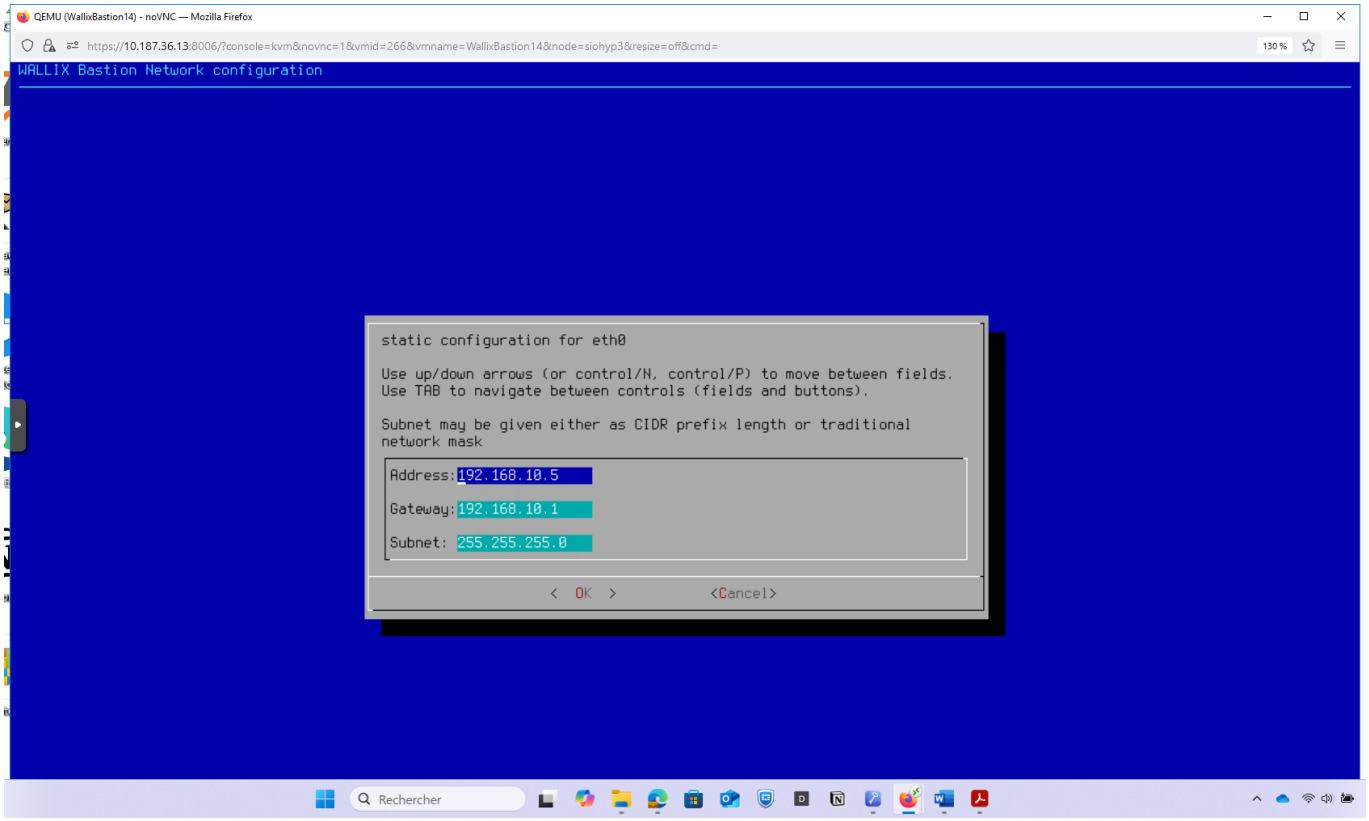

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Initial configuration
Do you want to configure
WALLIX Bastion network?
< Yes >
< No >
Rechercher

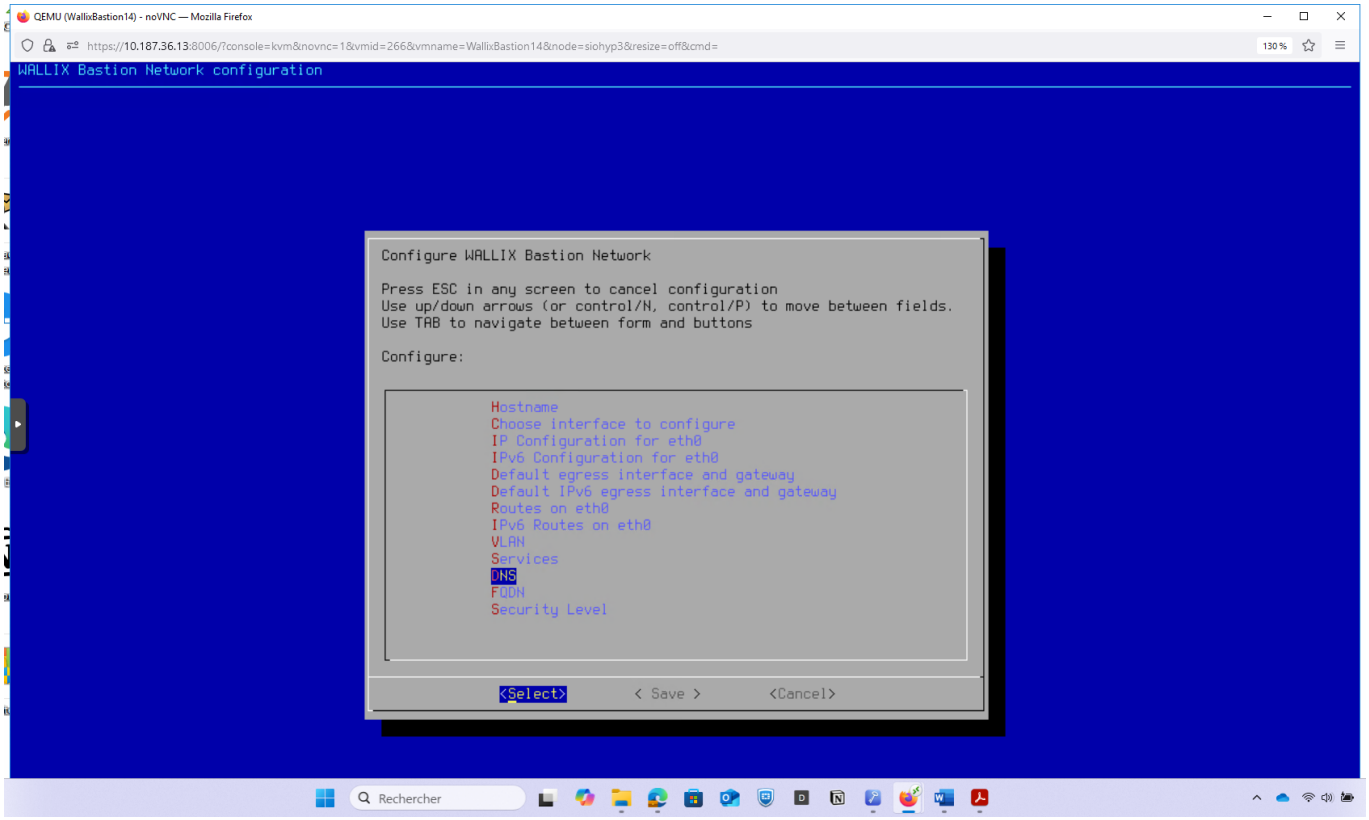

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Network configuration
Configure WALLIX Bastion Network
Press ESC in any screen to cancel configuration
Use up/down arrows (or control/N, control/P) to move between fields.
Use TAB to navigate between form and buttons
Configure:
Hostname
Choose interface to configure
IP Configuration for eth0
IPv6 Configuration for eth0
Default egress interface and gateway
Default IPv6 egress interface and gateway
Routes on eth0
IPv6 Routes on eth0
VLAN
Services
DNS
FQDN
Security Level
<Select>
< Save >
<Cancel>
Rechercher

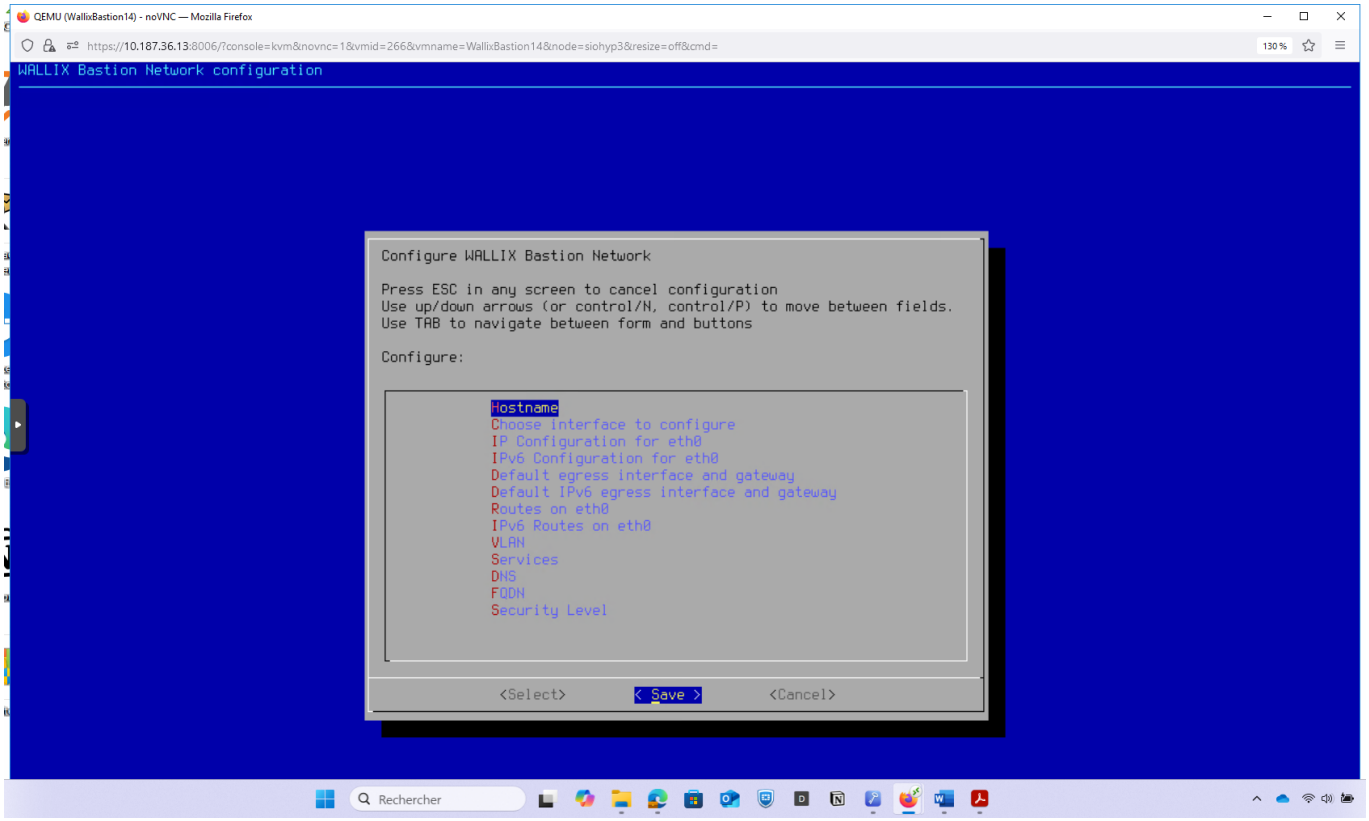

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Network configuration
Please enter WALLIX
Bastion's hostname:
wallixbastion
< OK >
<Cancel>
Rechercher

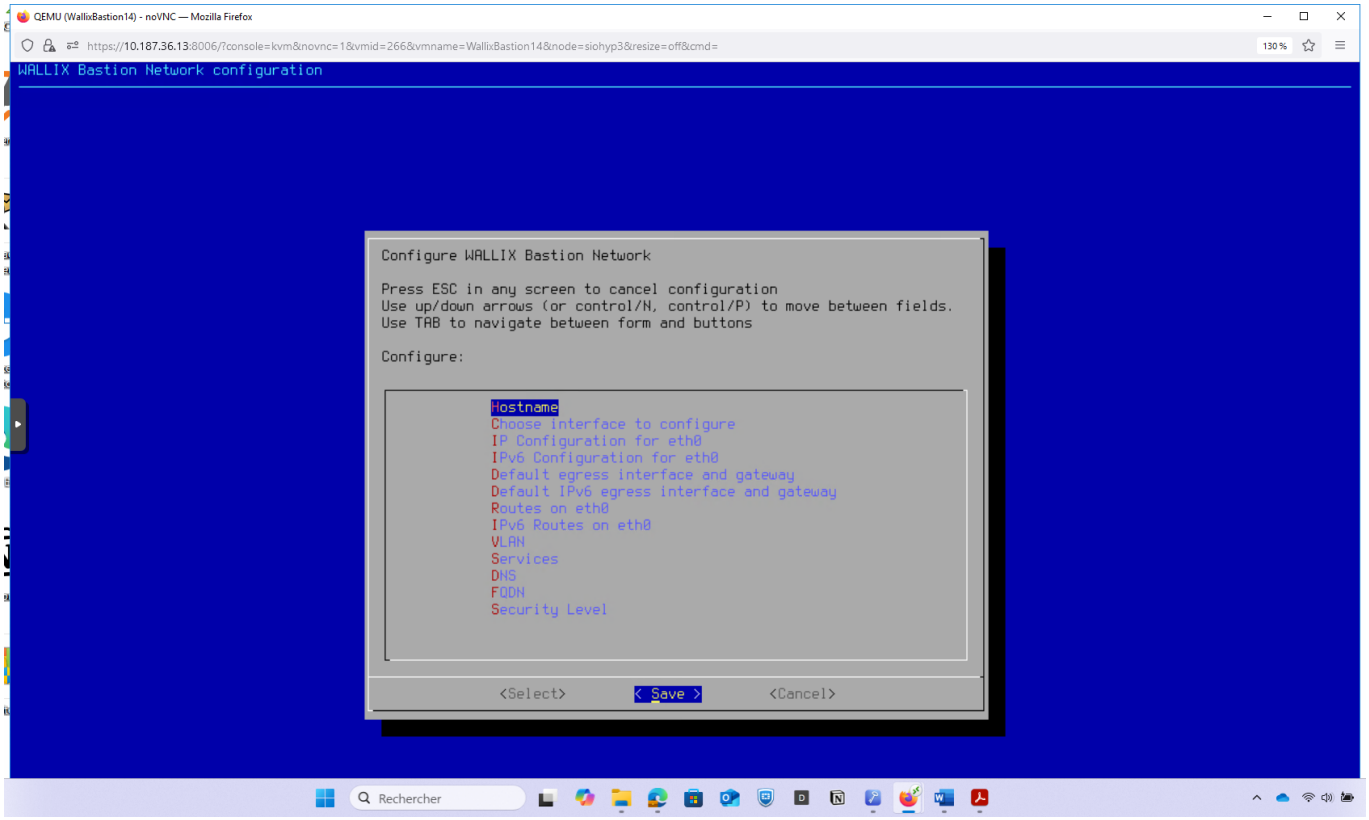

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
WALLIX Bastion Network configuration
Configure WALLIX Bastion Network
Press ESC in any screen to cancel configuration
Use up/down arrows (or control/N, control/P) to move between fields.
Use TAB to navigate between form and buttons
Configure:
Hostname
Choose interface to configure
IP Configuration for eth0
IPv6 Configuration for eth0
Default egress interface and gateway
Default IPv6 egress interface and gateway
Routes on eth0
IPv6 Routes on eth0
VLAN
Services
DNS
FQDN
Security Level
<Select>
< Save >
<Cancel>

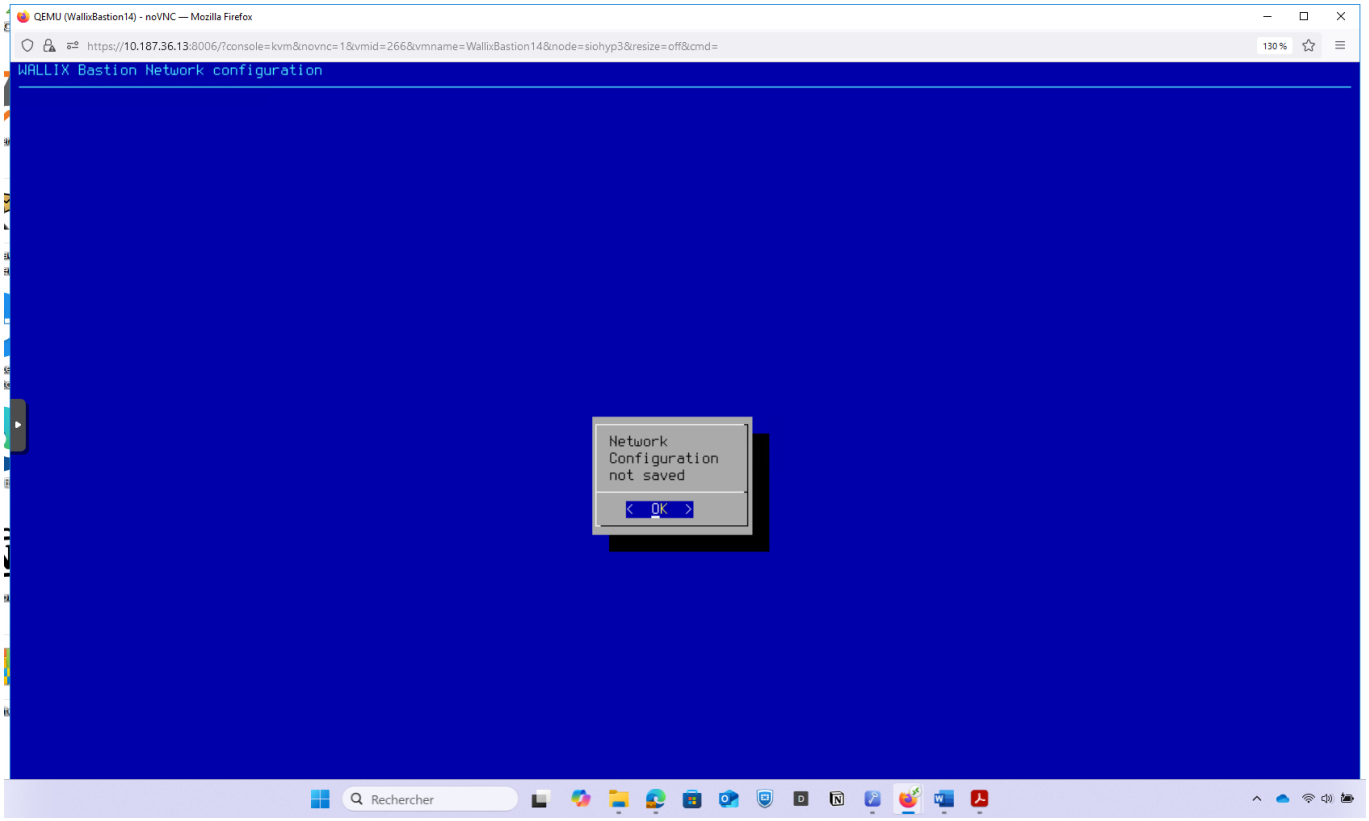

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
WALLIX Bastion Network configuration
Select ipv4 configuration mode for the interface eth0:
( ) Disabled
(*) Manual
( ) DHCP
< OK >
<Cancel>

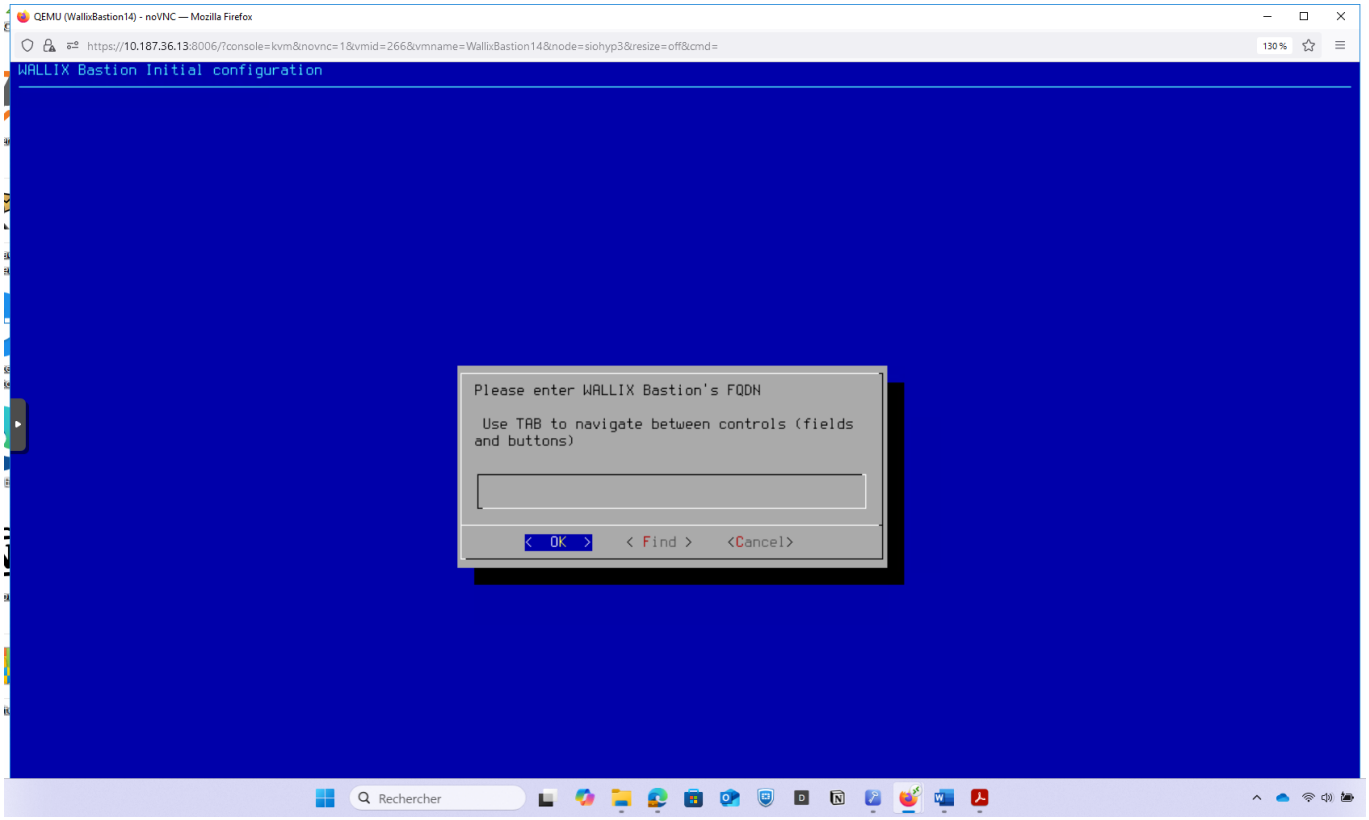

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
WALLIX Bastion Network configuration
static configuration for eth0
Use up/down arrows (or control/N, control/P) to move between fields.
Use TAB to navigate between controls (fields and buttons).
Subnet may be given either as CIDR prefix length or traditional network mask
Address: 192.168.10.5
Gateway: 192.168.10.1
Subnet: 255.255.255.0
< OK >
<Cancel>

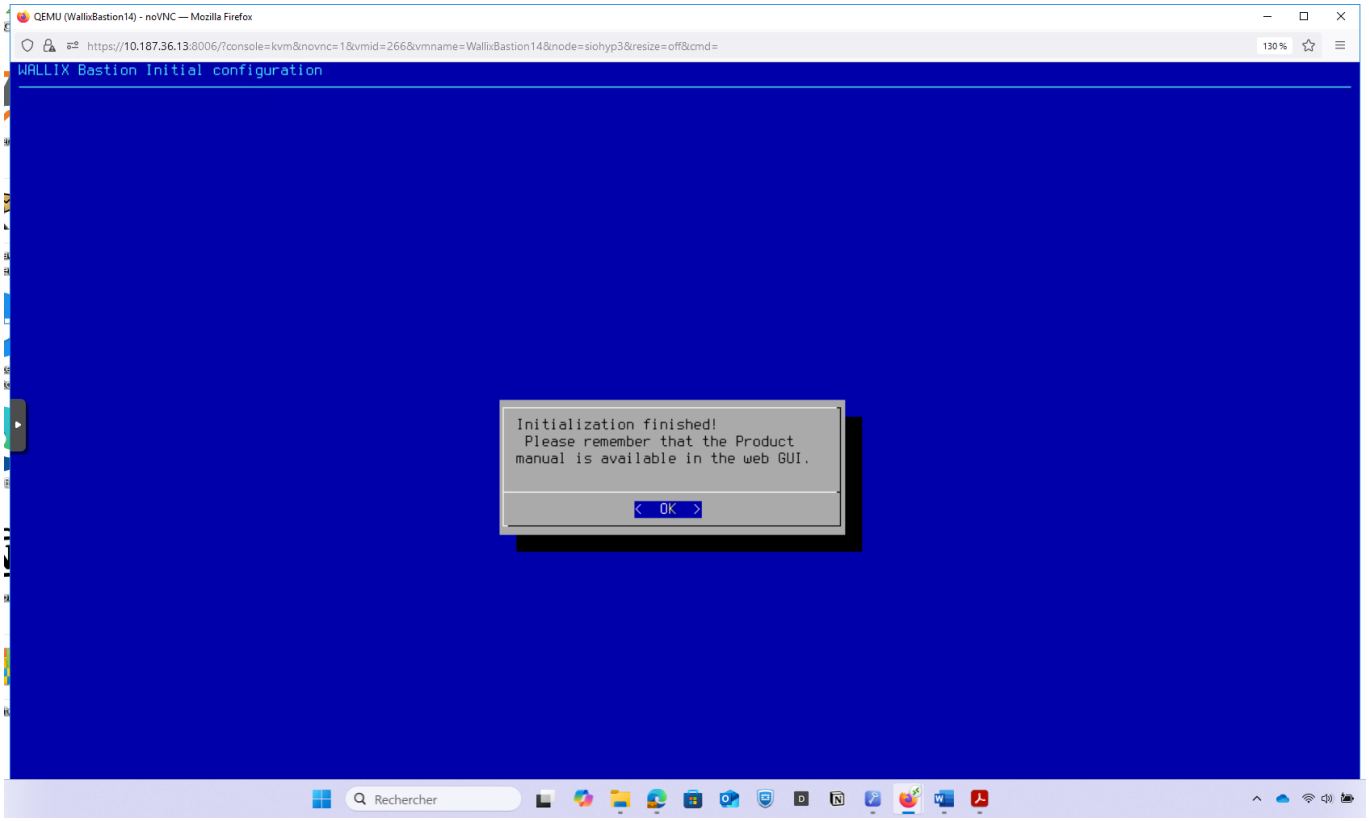

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
WALLIX Bastion Network configuration
Configure WALLIX Bastion Network
Press ESC in any screen to cancel configuration
Use up/down arrows (or control/N, control/P) to move between fields.
Use TAB to navigate between form and buttons
Configure:
Hostname
Choose interface to configure
IP Configuration for eth0
IPv6 Configuration for eth0
Default egress interface and gateway
Default IPv6 egress interface and gateway
Routes on eth0
IPv6 Routes on eth0
VLAN
Services
DNS
FQDN
Security Level
<Select>
< Save >
<Cancel>

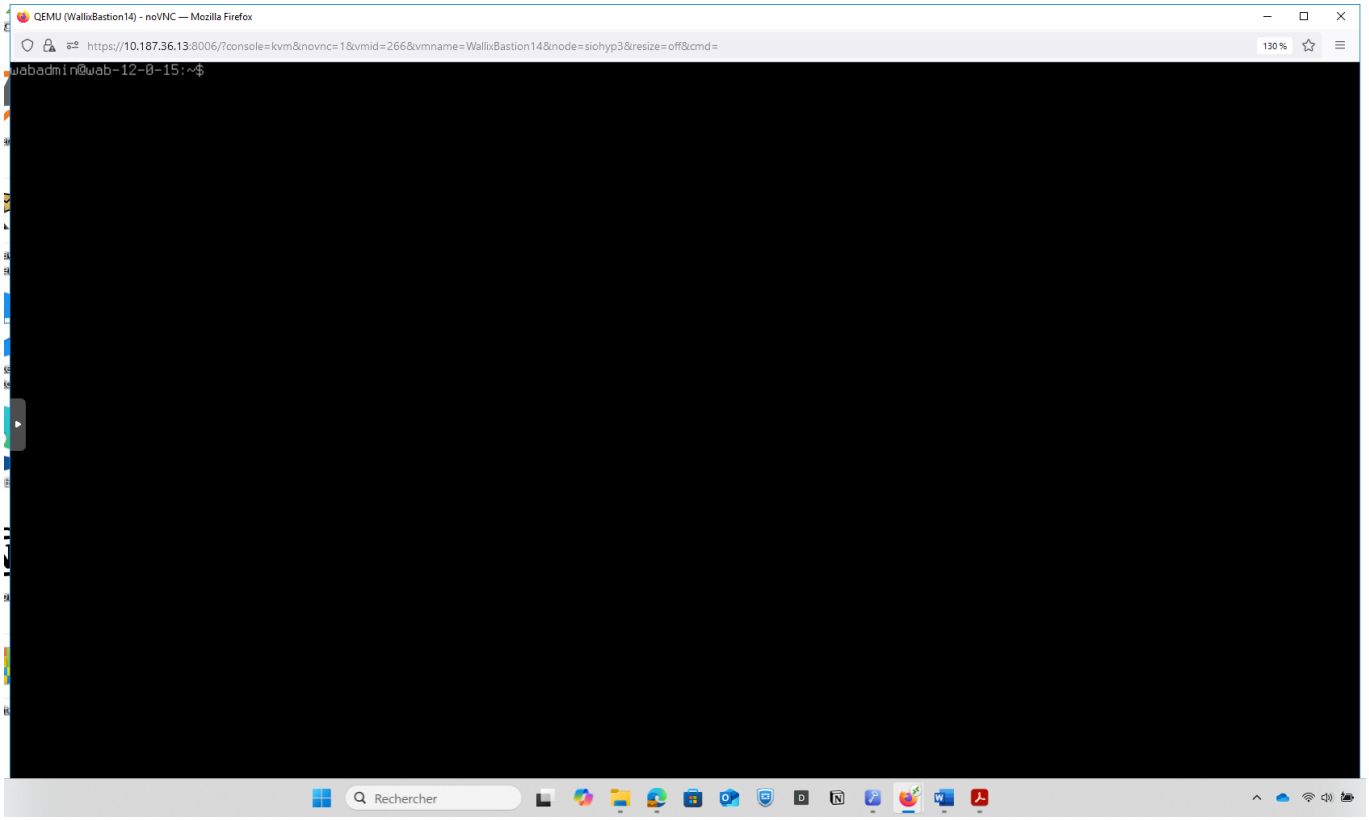

QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Network configuration
Configure WALLIX Bastion Network
Press ESC in any screen to cancel configuration
Use up/down arrows (or control/N, control/P) to move between fields.
Use TAB to navigate between form and buttons
Configure:
Hostname
Choose interface to configure
IP Configuration for eth0
IPv6 Configuration for eth0
Default egress interface and gateway
Default IPv6 egress interface and gateway
Routes on eth0
IPv6 Routes on eth0
VLAN
Services
DNS
FQDN
Security Level
<Select>
< Save >
<Cancel>
Rechercher


QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Network configuration
Configure WALLIX Bastion Network
Press ESC in any screen to cancel configuration
Use up/down arrows (or control/N, control/P) to move between fields.
Use TAB to navigate between form and buttons
Configure:
Hostname
Choose interface to configure
IP Configuration for eth0
IPv6 Configuration for eth0
Default egress interface and gateway
Default IPv6 egress interface and gateway
Routes on eth0
IPv6 Routes on eth0
VLAN
Services
DNS
FQDN
Security Level
<Select>
< Save >
<Cancel>
Rechercher


QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Network configuration
Network
Configuration
not saved
< OK >
Rechercher


QEMU (WallixBastion14) - noVNC — Mozilla Firefox
https://10.187.36.13:8006/?console=kvm&novnc=1&vmid=266&vmname=WallixBastion14&node=siohyp3&resize=off&cmd=
130 %
WALLIX Bastion Initial configuration
Please enter WALLIX Bastion's FQDN
Use TAB to navigate between controls (fields
and buttons)
< OK >
< Find >
<Cancel>
Rechercher





1.1. Configurer les certificats

Dans le dossier /var/wab/apache2/ssl.crt le fichier server.pem est vide.

Il est nécessaire de recréer une CA pour signer le certificat du serveur Wallix et générer le fichier server.pem.

1.1.1. Création de la clé privée de l'autorité de certification (CA)

```
$ openssl genrsa -aes256 -out ca-key.pem 2048
```

Indiquez une pass-phrase pour votre nouvelle clé, pass-phrase qui sera demandé lors de la création du certificat.

1.1.2. Création de la requête de demande de signature du certificat de la CA

```
$ openssl req -new -key ca-key.pem -out ca.csr
```

1.1.3. Génération du certificat auto-signé du CA

```
$ openssl x509 -req -days 365000 -in ca.csr -signkey ca-key.pem -out ca.crt
```

1.1.4. Génération du certificat avec signature par le CA

Le fichier server.csr de demande de signature existe déjà. Il ne reste plus qu'à signer le certificat du serveur server.crt

```
$ openssl x509 -req -days 365 -CA ca.crt -CAkey ca-key.pem -set_serial 01 -in server.csr -out server.crt
```

1.1.5. Création du fichier server.pem

```
$ cat server.key server.crt > server.pem
```

1.2. Sécurisation du bastion

Accédez en ssh au bastion avec le compte wabadmin sur le port 2242

```
ssh wabadmin@ip -p 2242
```

1.2.1. Accéder au compte root

```
wabadmin@wallixbastion $ super
[sudo] password for wabsuper:
wabsuper@wallixbastion$ sudo -i
[sudo] password for wabsuper:
root@wallixbastion#
```

1.2.2. Chiffrement du disque

Lancez cette commande pour chiffrer le disque dur et définir la passphrase

```
bastion-luks-update --interactive --change-passphrase
```

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Permanent link:
https://siocours.lycees.nouvelle-aquitaine.pro/doku.php/reseau/pam/wallix/install

Last update: **2025/09/28 15:36**