

BRETON Théo

PROJET N°8 : MISE EN PLACE DE ADGUARD HOME DANS MON HOMELAB



MON HOME LAB CENTRALISÉ SUR PROXMOX AVEC ADGUARD INTÉGRÉ



ADGUARD HOME

PROTECTION POUR TOUT LE RÉSEAU

- ✓ Blocage des publicités
- ✓ Protection contre le phishing
- ✓ Contrôle parental
- ✓ Confidentialité renforcée

PROXMOX



MINI PC – PROXMOX VE

Hôte de toutes les machines virtuelles
et services de mon home lab



AdGuard Home

DNS – AdBlock – Protection réseau
Filtrage DNS pour tout le réseau



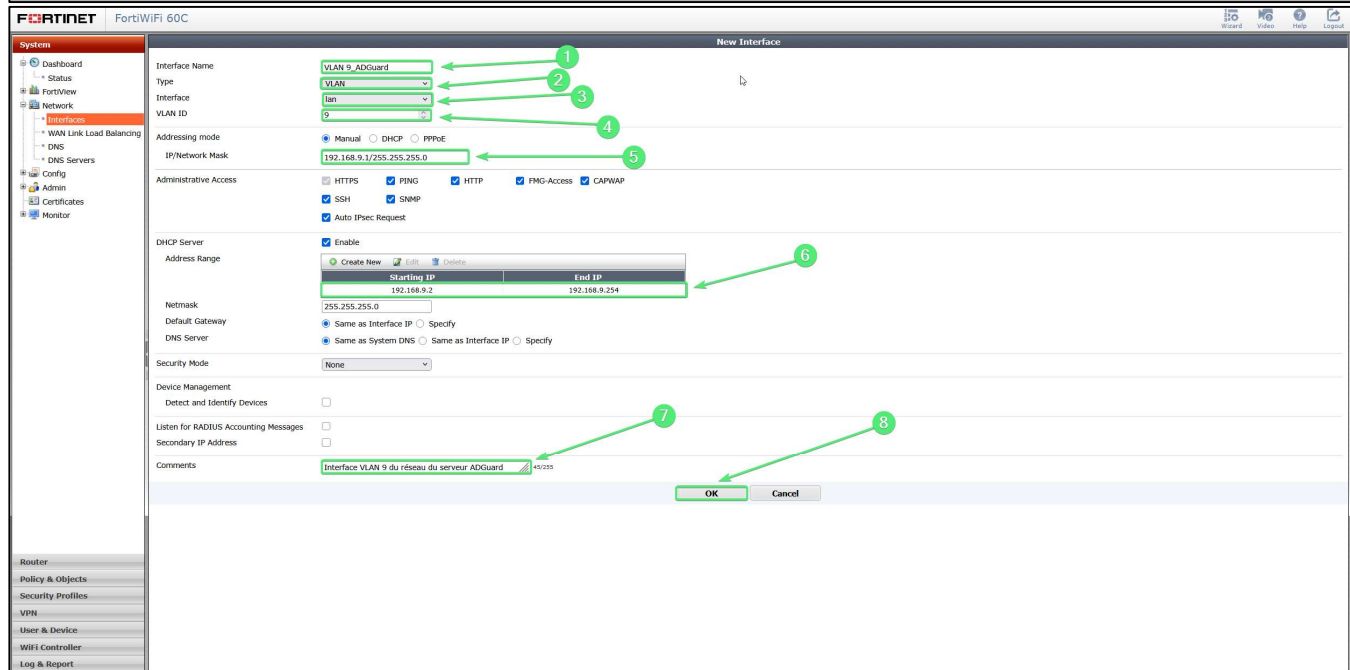
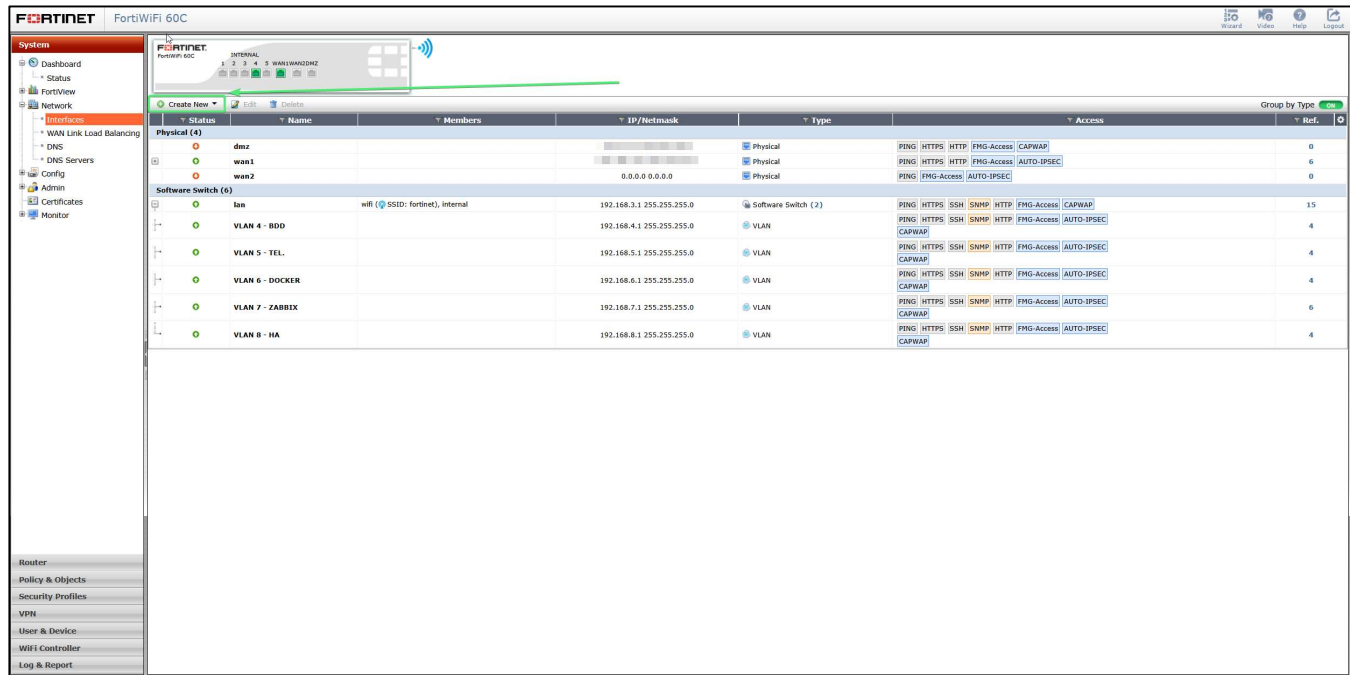
ADGUARD HOME

Etape 1: Mise en place d'un VLAN sur le Switch Cisco et sur le Fortigate :

→ Switch Cisco – Homelab

```
SW-HOMELAB_THEO(config)#vlan 9
SW-HOMELAB_THEO(config-vlan)#name Reseau_ADGuard
SW-HOMELAB_THEO(config-vlan)#exit
SW-HOMELAB_THEO(config)#
```

→ Fortigate – Homelab



Etape 3 : Modification des règles de filtrage suivante qui ADGuard

Modification de la règle de filtrage autorisant le VLAN9 – AdGuard à communiquer avec le VLAN7 – Zabbix

Pourquoi ? Pour que le futur agent Zabbix puisse remonter les informations au serveur Zabbix.

Modification de la règle de filtrage autorisant le VLAN7 – Zabbix à communiquer avec le VLAN9

Pourquoi ? Règle retour pour assurer la bonne communication entre ces deux VLAN.

Modification de la règle de filtrage de l'accès VPN FortiClient

Pourquoi ? J'ai rajouté le VLAN9 – AdGuard à la règle de filtrage pour accéder à distance au serveur AdGuard.

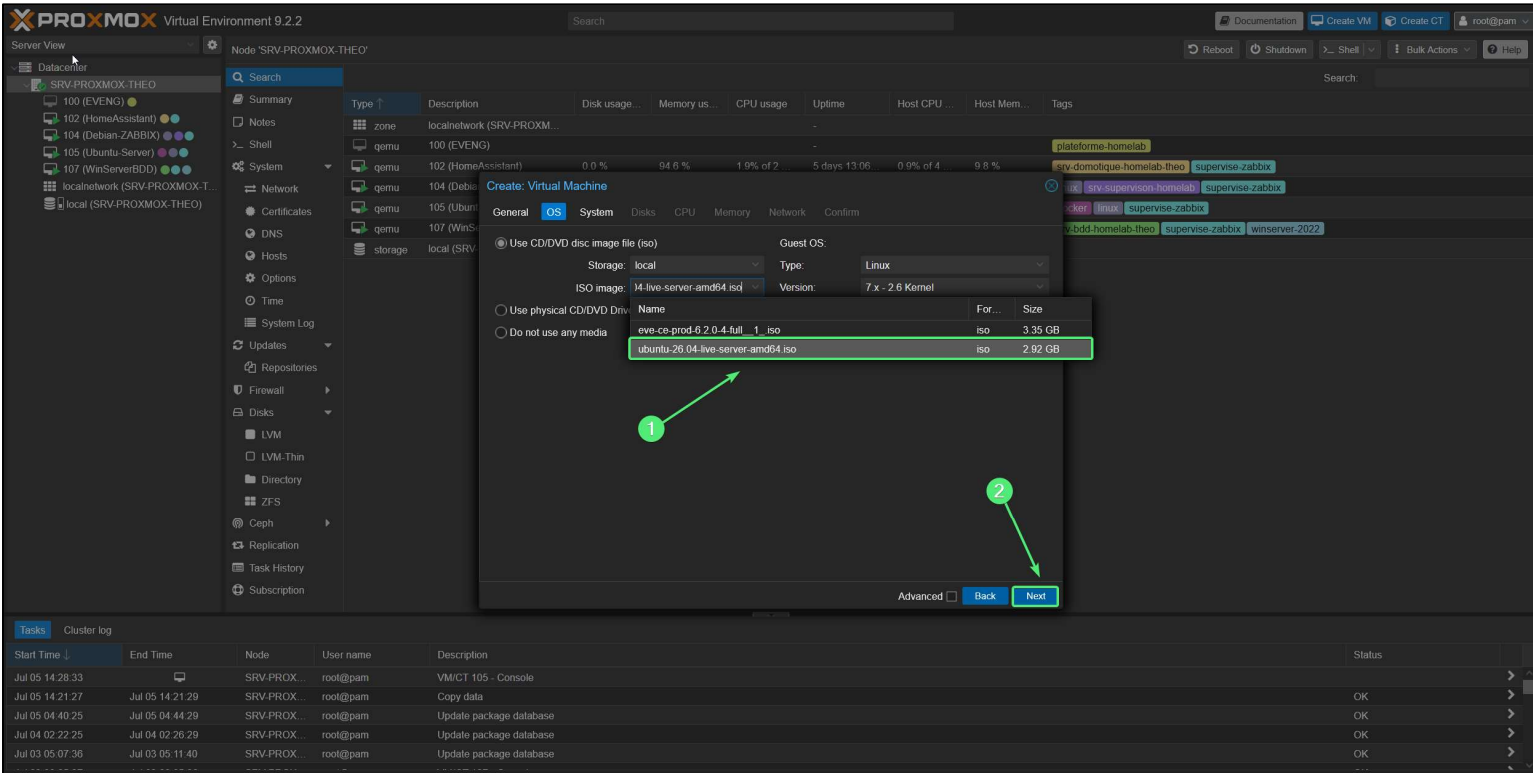
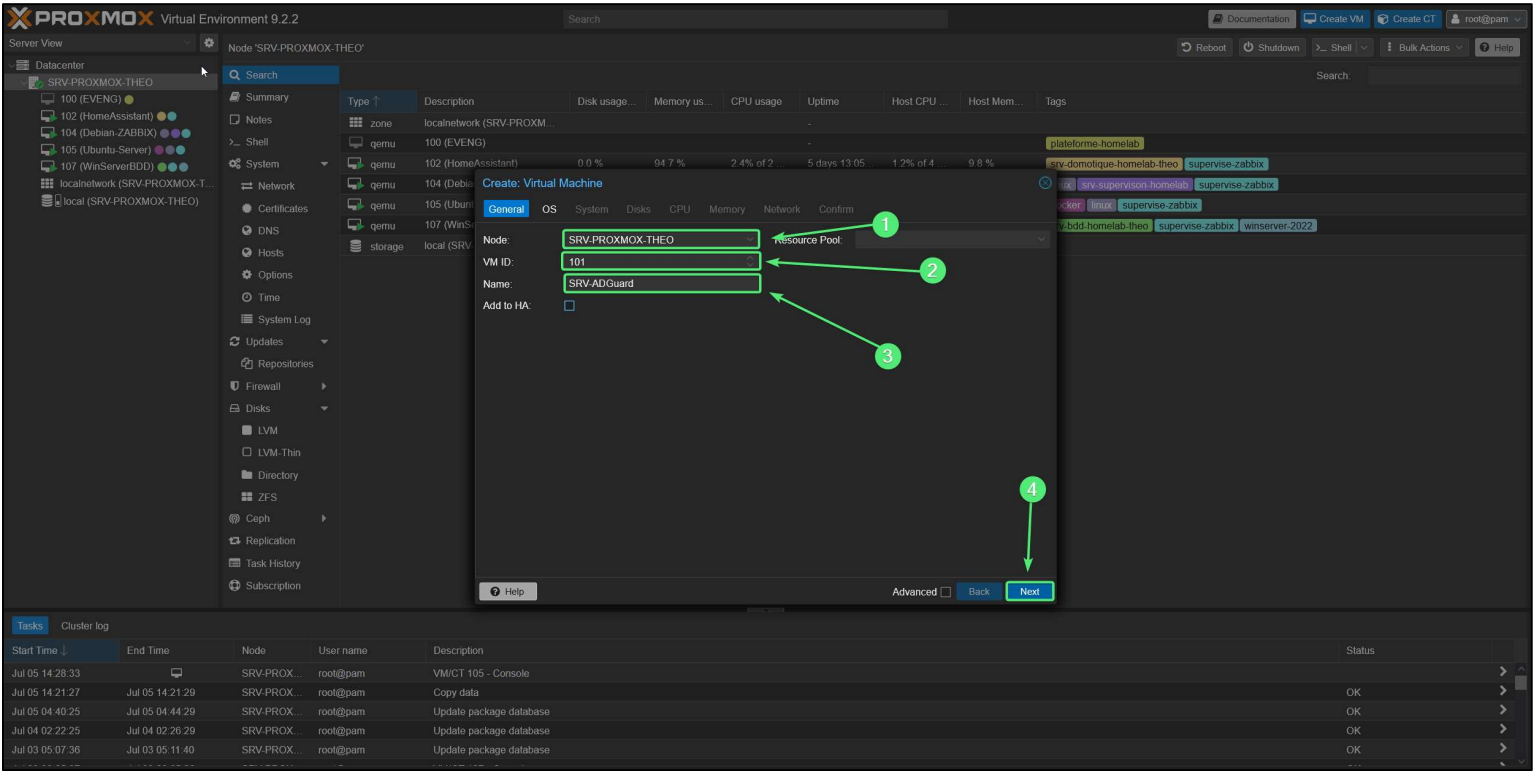
Ajout de l'accès du VLAN9 – AdGuard au WAN

Pourquoi ? Certains de mes appareils sont sur le WAN en 192.168.1.0, pour que le blocage des pubs puisse avoir lieu, il faut que le serveur puisse traverser le pare-feu.

Ajout d'une règle autorisant le WAN à accéder au VLAN9 – AdGuard

Pourquoi ? Pour que les hôtes puissent résoudre des noms de domaine auprès du serveur, il faut que le pare-feu laisse passer les requêtes DNS qui lui sont destinées.

Etape 4 : Installation de la nouvelle machine virtuelle



PROXMOX Virtual Environment 9.2.2

Server View

Node: 'SRV-PROXMOX-THEO'

Search

Reboot Shutdown Shell Bulk Actions Help

Datacenter

SRV-PROXMOX-THEO

100 (EVENG)

102 (HomeAssistant)

104 (Debian-ZABBIX)

105 (Ubuntu-Server)

107 (WinServerBDD)

localnetwork (SRV-PROXMOX-THEO)

local (SRV-PROXMOX-THEO)

Search

Summary

Notes

Shell

System

Network

Certificates

DNS

Hosts

Options

Time

System Log

Updates

Repositories

Firewall

Disks

LVM

LVM-Thin

Directory

ZFS

Ceph

Replication

Task History

Subscription

Type

Description

Disk usage

Memory us

CPU usage

Uptime

Host CPU

Host Mem

Tags

zone localnetwork (SRV-PROXMOX-THEO)

qemu 100 (EVENG)

qemu 102 (HomeAssistant)

qemu 104 (Debian-ZABBIX)

qemu 105 (Ubuntu-Server)

storage local (SRV-PROXMOX-THEO)

Create: Virtual Machine

General OS System Disks CPU Memory Network Confirm

Graphic card: Default SCSI Controller: VirtIO SCSI single

Machine: Default (i440fx) Qemu Agent

Firmware

BIOS: Default (SeaBIOS) Add TPM:

Help

Advanced Back Next

Tasks Cluster log

Start Time	End Time	Node	User name	Description	Status
Jul 05 14:28:33		SRV-PROXMOX-THEO	root@pam	VM/CT 105 - Console	
Jul 05 14:21:27	Jul 05 14:21:29	SRV-PROXMOX-THEO	root@pam	Copy data	OK
Jul 05 04:40:25	Jul 05 04:44:29	SRV-PROXMOX-THEO	root@pam	Update package database	OK
Jul 04 02:22:25	Jul 04 02:26:29	SRV-PROXMOX-THEO	root@pam	Update package database	OK
Jul 03 05:07:36	Jul 03 05:11:40	SRV-PROXMOX-THEO	root@pam	Update package database	OK

PROXMOX Virtual Environment 9.2.2

Server View

Node: 'SRV-PROXMOX-THEO'

Search

Reboot Shutdown Shell Bulk Actions Help

Datacenter

SRV-PROXMOX-THEO

100 (EVENG)

102 (HomeAssistant)

104 (Debian-ZABBIX)

105 (Ubuntu-Server)

107 (WinServerBDD)

localnetwork (SRV-PROXMOX-THEO)

local (SRV-PROXMOX-THEO)

Search

Summary

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Shell

System

Network

Certificates

DNS

Hosts

Options

Time

System Log

Updates

Repositories

Firewall

Disks

LVM

LVM-Thin

Directory

ZFS

Ceph

Replication

Task History

Subscription

Type

Description

Disk usage

Memory us

CPU usage

Uptime

Host CPU

Host Mem

Tags

zone localnetwork (SRV-PROXMOX-THEO)

qemu 100 (EVENG)

qemu 102 (HomeAssistant)

qemu 104 (Debian-ZABBIX)

qemu 105 (Ubuntu-Server)

storage local (SRV-PROXMOX-THEO)

Create: Virtual Machine

General OS System Disks CPU Memory Network Confirm

SCSI0

Disk Bandwidth

Bus/Device: SCSI Cache: Default (No cache)

SCSI Controller: VirtIO SCSI single Discard: ☐

Storage: local IO thread: ☒

Disk size (GiB): 32

Format: QEMU image format (qcow2)

Add Import

Help

Advanced Back Next

Tasks Cluster log

Start Time	End Time	Node	User name	Description	Status
Jul 05 14:28:33		SRV-PROXMOX-THEO	root@pam	VM/CT 105 - Console	
Jul 05 14:21:27	Jul 05 14:21:29	SRV-PROXMOX-THEO	root@pam	Copy data	OK
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Jul 03 05:07:36	Jul 03 05:11:40	SRV-PROXMOX-THEO	root@pam	Update package database	OK



PROXMOX Virtual Environment 9.2.2

Server View | Node 'SRV-PROXMOX-THEO'

Search: []

Reboot | Shutdown | Shell | Bulk Actions | Help

Search: []

Summary | Notes | Shell | System | Network | Certificates | DNS | Hosts | Options | Time | System Log | Updates | Repositories | Firewall | Disks | LVM | LVM-Thin | Directory | ZFS | Ceph | Replication | Task History | Subscription

100 (EVENG) | 102 (HomeAssistant) | 104 (Debian-ZABBIX) | 105 (Ubuntu-Server) | 107 (WinServerBDD) | localnetwork (SRV-PROXMOX-THEO) | local (SRV-PROXMOX-THEO)

Type | Description | Disk usage | Memory usage | CPU usage | Uptime | Host CPU | Host Mem | Tags

zone | localnetwork (SRV-PROXMOX-THEO) | - | - | - | - | - | - | -

qemu | 100 (EVENG) | 0.0 % | 94.8 % | 2.2% of 2 | 5 days 13:07 | 1.1% of 4 | 9.8 % | plateforme-homelab

qemu | 102 (HomeAssistant) | - | - | - | - | - | - | -

qemu | 104 (Debian-ZABBIX) | - | - | - | - | - | - | -

qemu | 105 (Ubuntu-Server) | - | - | - | - | - | - | -

qemu | 107 (WinServerBDD) | - | - | - | - | - | - | -

storage | local (SRV-PROXMOX-THEO) | - | - | - | - | - | - | -

Create: Virtual Machine

General | OS | System | Disks | CPU | Memory | Network | Confirm

Sockets: 1 | Type: host

Cores: 2 | Total cores: 2

Help | Advanced | Back | Next

Tasks | Cluster log

Start Time	End Time	Node	User name	Description	Status
Jul 05 14:28:33		SRV-PROX...	root@pam	VM/CT 105 - Console	
Jul 05 14:21:27	Jul 05 14:21:29	SRV-PROX...	root@pam	Copy data	OK
Jul 05 04:40:25	Jul 05 04:44:29	SRV-PROX...	root@pam	Update package database	OK
Jul 04 02:22:25	Jul 04 02:26:29	SRV-PROX...	root@pam	Update package database	OK
Jul 03 05:07:36	Jul 03 05:11:40	SRV-PROX...	root@pam	Update package database	OK

PROXMOX Virtual Environment 9.2.2

Server View | Node 'SRV-PROXMOX-THEO'

Search: []

Reboot | Shutdown | Shell | Bulk Actions | Help

Search: []

Summary | Notes | Shell | System | Network | Certificates | DNS | Hosts | Options | Time | System Log | Updates | Repositories | Firewall | Disks | LVM | LVM-Thin | Directory | ZFS | Ceph | Replication | Task History | Subscription

100 (EVENG) | 102 (HomeAssistant) | 104 (Debian-ZABBIX) | 105 (Ubuntu-Server) | 107 (WinServerBDD) | localnetwork (SRV-PROXMOX-THEO) | local (SRV-PROXMOX-THEO)

Type | Description | Disk usage | Memory usage | CPU usage | Uptime | Host CPU | Host Mem | Tags

zone | localnetwork (SRV-PROXMOX-THEO) | - | - | - | - | - | - | -

qemu | 100 (EVENG) | 0.0 % | 94.8 % | 2.2% of 2 | 5 days 13:07 | 1.1% of 4 | 9.8 % | plateforme-homelab

qemu | 102 (HomeAssistant) | - | - | - | - | - | - | -

qemu | 104 (Debian-ZABBIX) | - | - | - | - | - | - | -

qemu | 105 (Ubuntu-Server) | - | - | - | - | - | - | -

qemu | 107 (WinServerBDD) | - | - | - | - | - | - | -

storage | local (SRV-PROXMOX-THEO) | - | - | - | - | - | - | -

Create: Virtual Machine

General | OS | System | Disks | CPU | Memory | Network | Confirm

Memory (MiB): 2048

Help | Advanced | Back | Next

Tasks | Cluster log

Start Time	End Time	Node	User name	Description	Status
Jul 05 14:28:33		SRV-PROX...	root@pam	VM/CT 105 - Console	
Jul 05 14:21:27	Jul 05 14:21:29	SRV-PROX...	root@pam	Copy data	OK
Jul 05 04:40:25	Jul 05 04:44:29	SRV-PROX...	root@pam	Update package database	OK
Jul 04 02:22:25	Jul 04 02:26:29	SRV-PROX...	root@pam	Update package database	OK
Jul 03 05:07:36	Jul 03 05:11:40	SRV-PROX...	root@pam	Update package database	OK

PROXMOX Virtual Environment 9.2.2

Server View

Node 'SRV-PROXMOX-THEO'

Search

Reboot Shutdown Shell Bulk Actions Help

Tasks Cluster log

Start Time End Time Node User name Description Status

Jul 05 14:28:33 Jul 05 14:21:27 Jul 05 14:21:29 Jul 05 04:40:25 Jul 05 04:44:29 Jul 05 04:22:25 Jul 04 02:26:29 Jul 03 05:07:36 Jul 03 05:11:40

SRV-PROX... root@pam VM/CT 105 - Console Copy data Update package database Update package database Update package database

OK OK OK OK

1 2

Create: Virtual Machine

General OS System Disks CPU Memory Network Confirm

No network device

Bridge: vmbri0 Model: VirtIO (paravirtualized)

VLAN Tag: 9 MAC address: auto

Firewall: ☒

Help Advanced Back Next

PROXMOX Virtual Environment 9.2.2

Server View

Node 'SRV-PROXMOX-THEO'

Search

Reboot Shutdown Shell Bulk Actions Help

Tasks Cluster log

Start Time End Time Node User name Description Status

Jul 05 14:28:33 Jul 05 14:21:27 Jul 05 14:21:29 Jul 05 04:40:25 Jul 05 04:44:29 Jul 05 04:22:25 Jul 04 02:26:29 Jul 03 05:07:36 Jul 03 05:11:40

SRV-PROX... root@pam VM/CT 105 - Console Copy data Update package database Update package database Update package database

OK OK OK OK

Create: Virtual Machine

General OS System Disks CPU Memory Network Confirm

Key Value

cores 2

cpu host

ide2 local:iso/ubuntu-26.04-live-server-amd64.iso,media=cdrom

memory 2048

name SRV-ADGuard

net0 virtio,bridge=vmbri0,tag=9,firewall=1

nodename SRV-PROXMOX-THEO

numa 0

ostype l26

scsi0 local 32,format=qcow2,iotread-on

scsihw virtio-scsi-single

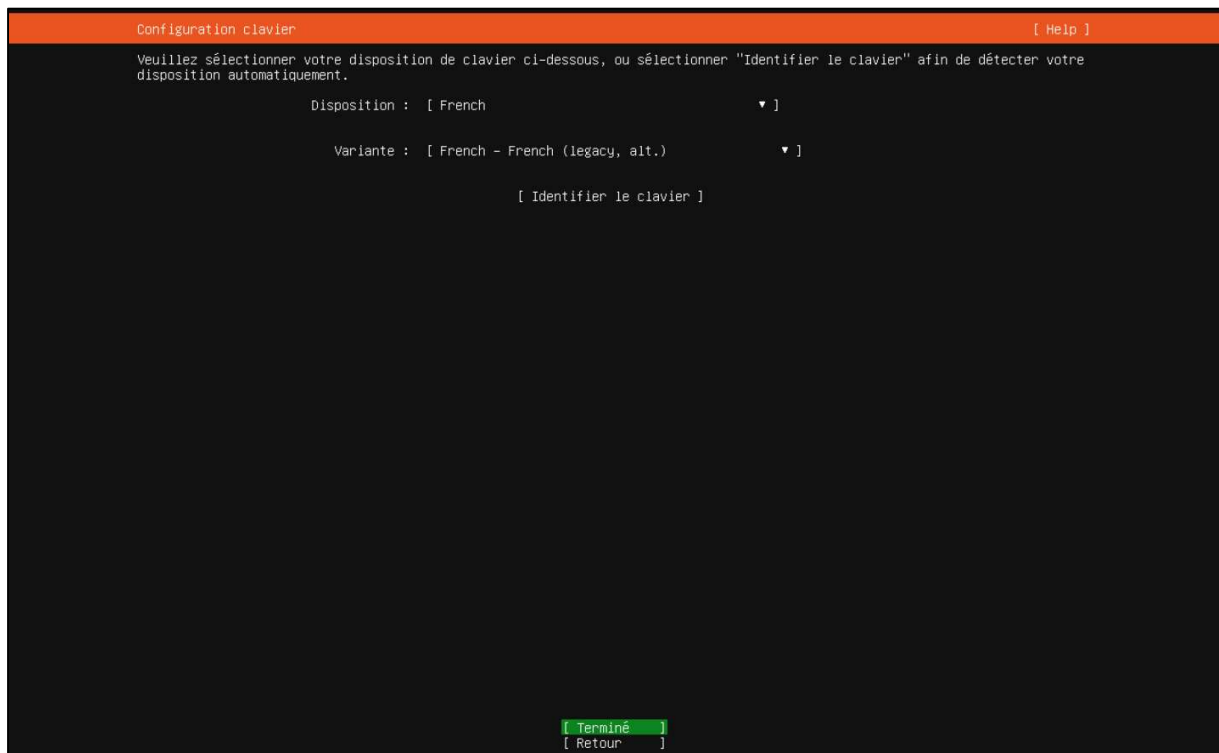
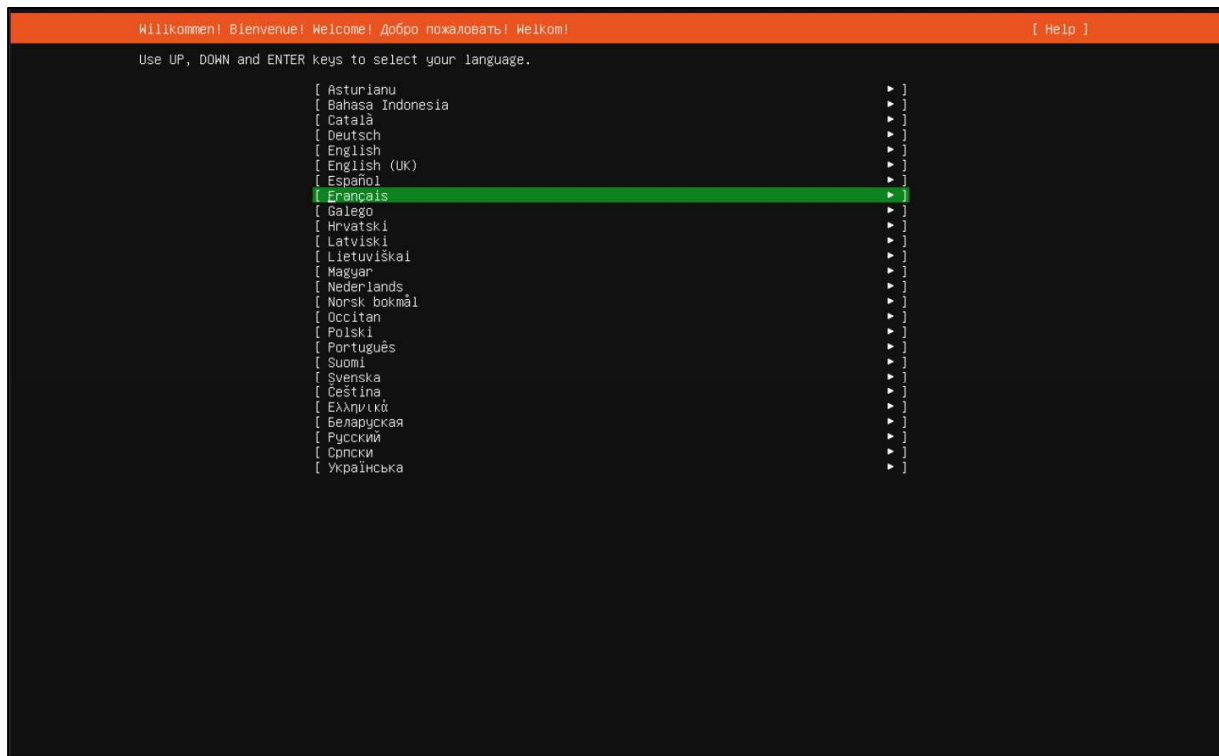
sockets 1

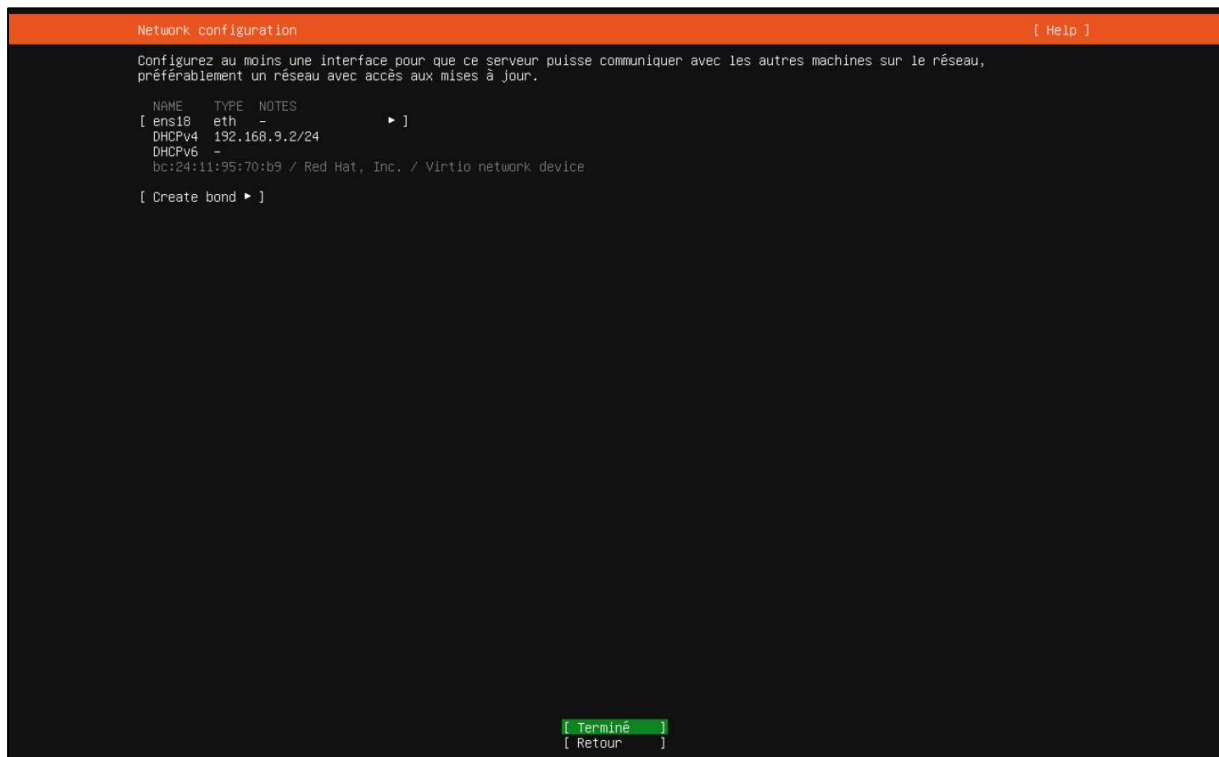
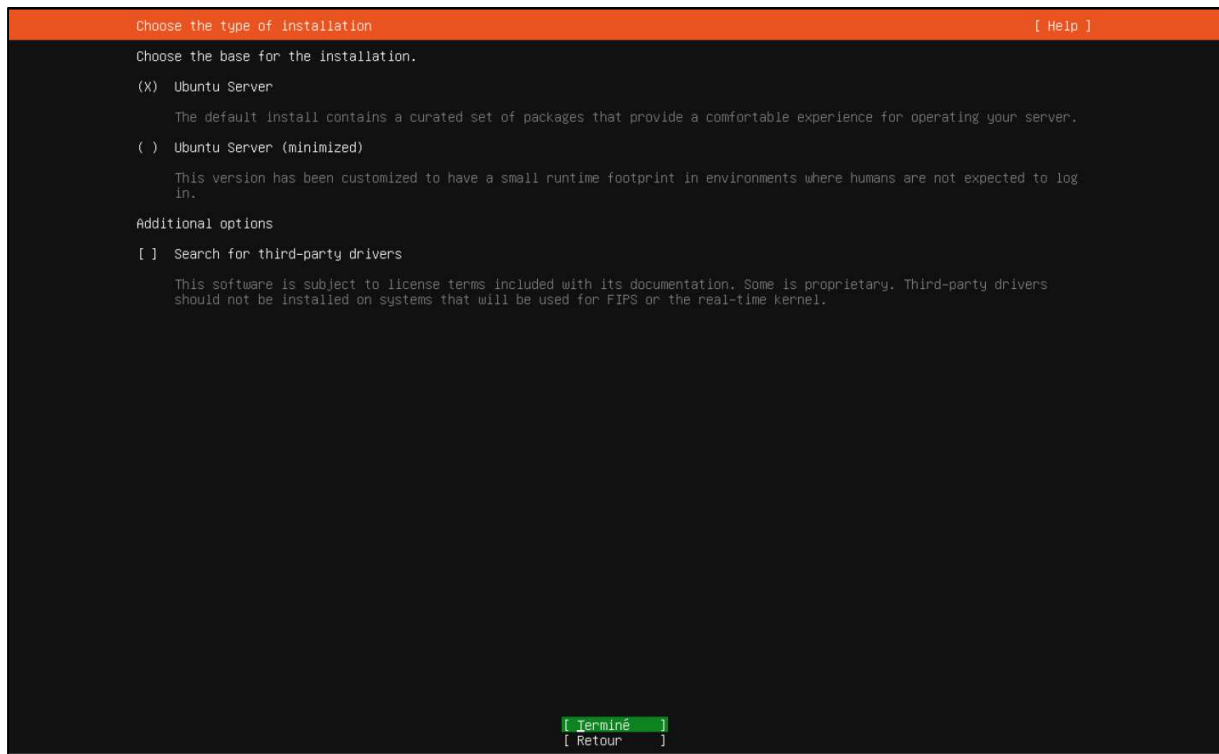
vmid 101

☐ Start after created

Advanced Back Finish







Proxy configuration

[Help]

Si ce système nécessite un proxy pour se connecter à Internet, entrez ses détails ici.

Adresse du proxy :

If you need to use a HTTP proxy to access the outside world, enter the proxy information here. Otherwise, leave this blank.

The proxy information should be given in the standard form of "http://[[user][:pass]@]host[:port]/".

[Terminé]

[Retour]

Ubuntu archive mirror configuration

[Help]

If you use an alternative mirror for Ubuntu, enter its details here.

Adresse du miroir :

You may provide an archive mirror to be used instead of the default.

The mirror location is being tested. |

Ign : 1 file:/cdrom/resolute/InRelease
Réception de : 2 file:/cdrom/resolute/Release [664 B]
Réception de : 2 file:/cdrom/resolute/Release [664 B]
Réception de : 3 file:/cdrom/resolute/Release.gpg [228 B]
Réception de : 3 file:/cdrom/resolute/Release.gpg [228 B]

[Terminé]

[Retour]

```
Ubuntu archive mirror configuration [ Help ]

If you use an alternative mirror for Ubuntu, enter its details here.

Adresse du miroir : http://archive.ubuntu.com/ubuntu/
You may provide an archive mirror to be used instead of the default.

This mirror location passed tests.

Ign : 1 file:/cdrom/resolute/InRelease
Réception de : 2 file:/cdrom/resolute/Release [664 B]
Réception de : 2 file:/cdrom/resolute/Release [664 B]
Réception de : 3 file:/cdrom/resolute/Release.gpg [228 B]
Réception de : 3 file:/cdrom/resolute/Release.gpg [228 B]
Ign : 4 http://archive.ubuntu.com/ubuntu/resolute/InRelease
Ign : 5 http://archive.ubuntu.com/ubuntu/resolute-updates/InRelease
Ign : 6 http://archive.ubuntu.com/ubuntu/resolute-backports/InRelease
Ign : 4 http://archive.ubuntu.com/ubuntu/resolute/InRelease
Ign : 5 http://archive.ubuntu.com/ubuntu/resolute-updates/InRelease
Ign : 6 http://archive.ubuntu.com/ubuntu/resolute-backports/InRelease
Ign : 4 http://archive.ubuntu.com/ubuntu/resolute/InRelease
Réception de : 5 http://archive.ubuntu.com/ubuntu/resolute-updates/InRelease [137 kB]
Atteint : 6 http://archive.ubuntu.com/ubuntu/resolute-backports/InRelease
Réception de : 4 http://archive.ubuntu.com/ubuntu/resolute/InRelease [136 kB]
273 ko réceptionnés en 3min 38s (1 251 o/s)
Lecture des listes de paquets...

[ Terminé ]
[ Retour ]
```

```
Configuration de stockage guidée [ Help ]

Configure a guided storage layout, or create a custom one:

(X) Utiliser un disque entier
    [ OQEMU_QEMU_HARDDISK_drive-scsi0 local disk 32.000G ▼ ]

    [X] Set up this disk as an LVM group
        [ ] Encrypt the LVM group with LUKS
            Phrase de passe :
            Confirmez la phrase de passe :

            [ ] Also create a recovery key
                The key will be stored as "/recovery-key.txt" in the live system and will be
                copied to "/var/log/installer/" in the target system.

( ) Custom storage layout

[ Terminé ]
[ Retour ]
```

```
Configuration du stockage [ Help ]

SOMMAIRE DU SYSTÈME DE FICHIERS

POINT DE MONTAGE  TAILLE  TYPE  TYPE DE PÉRIPHÉRIQUE
[ /              14.996G new ext4 nouveau LVM logical volume ▶ ]
[ /boot         2.000G new ext4 nouveau partition de disque local ▶ ]

DISQUES DISPONIBLES

PÉRIPHÉRIQUE  TYPE  TAILLE
[ ubuntu-vg (nouveau)  LVM volume group  29.996G ▶ ]
espace libre  15.000G ▶

[ Create software RAID (md) ▶ ]
[ Create volume group (LVM) ▶ ]

PÉRIPHÉRIQUES UTILISÉS

PÉRIPHÉRIQUE  TYPE  TAILLE
[ ubuntu-vg (nouveau)  LVM volume group  29.996G ▶ ]
ubuntu-lv      nouveau, to be formatted as ext4, mounted at /  14.996G ▶

[ OQEMU_QEMU_HARDDISK_drive-0  disque local  32.000G ▶ ]
partition 1  nouveau, BIOS grub spacer  1.000M ▶
partition 2  nouveau, to be formatted as ext4, mounted at /boot  2.000G ▶
partition 3  nouveau, PV of LVM volume group ubuntu-vg  29.997G ▶

[ Terminé ]
[ Rétablir ]
[ Retour ]
```

```
Profile configuration [ Help ]

Enter the username and password you will use to log in to the system. You can configure SSH access on a later screen, but a
password is still needed for sudo.

Votre nom : ██████████

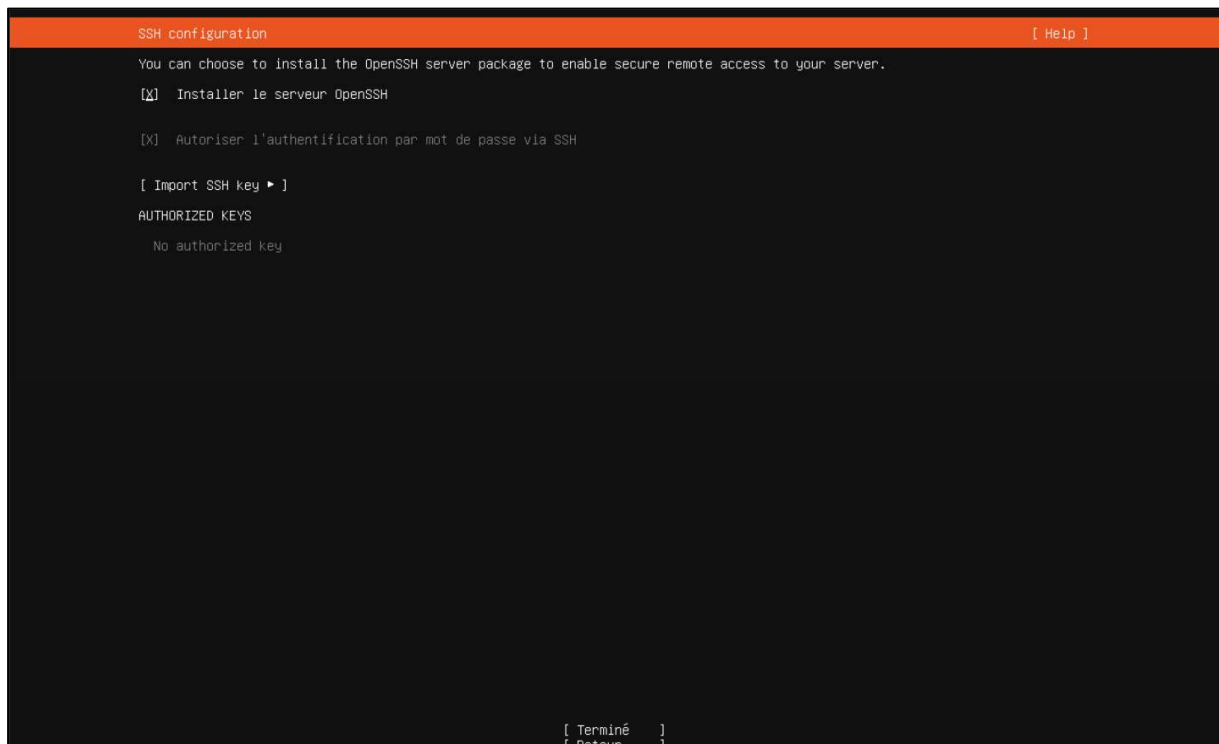
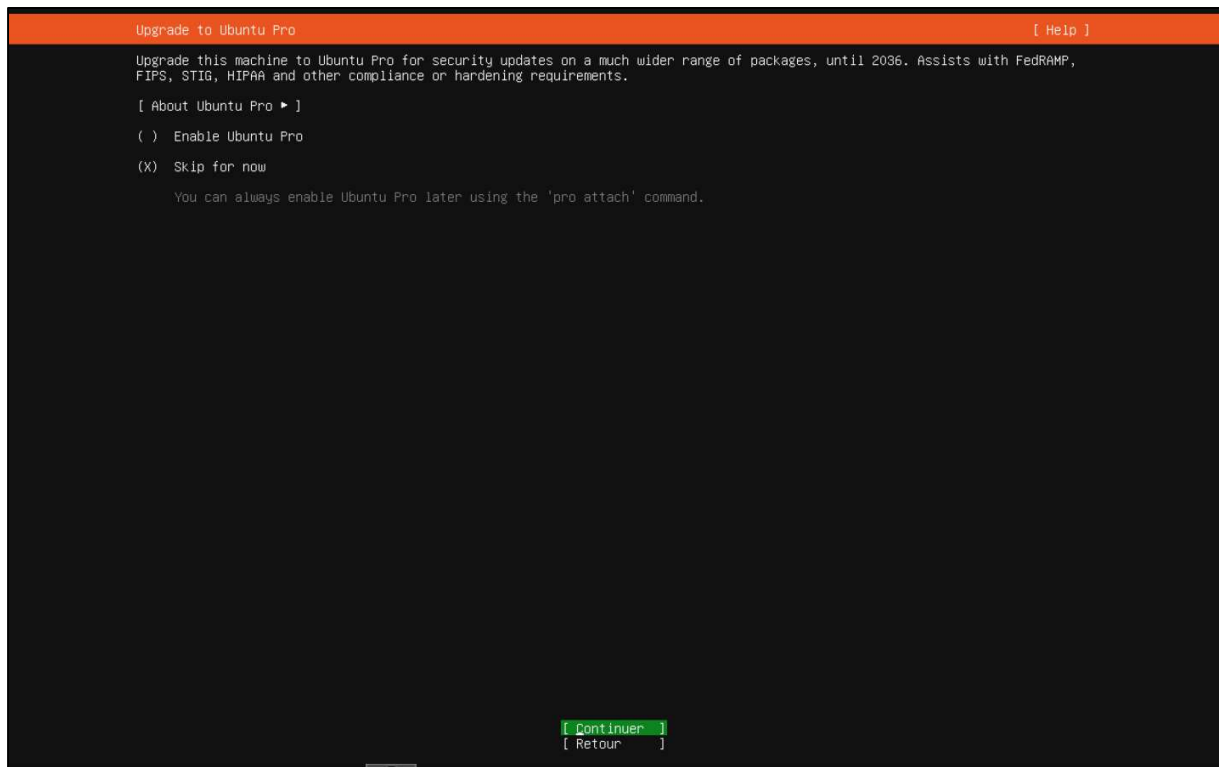
Your servers name: srv-advard
The name it uses when it talks to other computers.

Choisir un nom d'utilisateur : ██████████

Choisir un mot de passe : *****

Confirmer votre mot de passe: *****

[ Terminé ]
```



```
Installation du système [ Help ]

curtin command install
configuring storage
  running 'curtin block-meta simple'
  curtin command block-meta
    removing previous storage devices
    configuring disk: disk-sda
    configuring partition: partition-0
    configuring partition: partition-1
    configuring format: format-0
    configuring partition: partition-2
    configuring lvm_volgroup: lvm_volgroup-0
    configuring lvm_partition: lvm_partition-0
    configuring format: format-1
    configuring mount: mount-1
    configuring mount: mount-0
executing curtin install extract step
curtin command install
  writing install sources to disk
  running 'curtin extract'
  curtin command extract
    acquiring and extracting image from cp:///tmp/tmpwiff5kqp/mount
configuring keyboard
curtin command in-target
executing curtin install curthooks step
curtin command install
  configuring installed system
  running 'curtin curthooks'
  curtin command curthooks
    configuring apt configuring apt
    installing missing packages
    configuring iscsi service
    configuring raid (mdadm) service
    configuring NVMe over TCP
    installing kernel
    setting up swap
    apply networking config
    writing etc/fstab
    configuring multipath
    updating packages on target system
    configuring pollinate user-agent on target
    configuring kernel crash dumps settings
    final kernel configuration
```

[View full log]

```
Installation complete! [ Help ]

  running 'curtin extract'
  curtin command extract
    acquiring and extracting image from cp:///tmp/tmpwiff5kqp/mount
configuring keyboard
curtin command in-target
executing curtin install curthooks step
curtin command install
  configuring installed system
  running 'curtin curthooks'
  curtin command curthooks
    configuring apt configuring apt
    installing missing packages
    configuring iscsi service
    configuring raid (mdadm) service
    configuring NVMe over TCP
    installing kernel
    setting up swap
    apply networking config
    writing etc/fstab
    configuring multipath
    updating packages on target system
    configuring pollinate user-agent on target
    configuring kernel crash dumps settings
    final kernel configuration
    configuring target system bootloader
    installing grub to target devices
    copying metadata from /cdrom
final system configuration
calculating extra packages to install
installing openssh-server
  retrieving openssh-server
  curtin command system-install
  unpacking openssh-server
  curtin command system-install
  configuring cloud-init
  downloading and installing security updates
  curtin command in-target
  restoring apt configuration
  curtin command in-target
subiquity/Late/run_builtins:
subiquity/Late/run_user_supplied:
```

[View full log]
[Redémarrer maintenant]

Mon nouveau serveur à bien obtenue une @IP donné par l'interface du VLAN 9 **que j'ai configuré sur mon Fortigate.**

```

srv-adguard login: bretont
Password:
Welcome to Ubuntu 26.04 LTS (GNU/Linux 7.0.0-27-generic x86_64)

 * Documentation:  https://docs.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of dim. 05 juil 2026 12:59:36 UTC

System load:  0.45          Processes:      115
Usage of /:   35.2% of 14.66GB Users logged in:  0
Memory usage: 12%          IPv4 address for ens18: 192.168.9.3
Swap usage:   0%

La maintenance de sécurité étendue pour Applications n'est pas activée.

14 mises à jour peuvent être appliquées immédiatement.
Pour afficher ces mises à jour supplémentaires, exécuter : apt list --upgradable

Activez ESM Apps pour recevoir des futures mises à jour de sécurité supplémentaires.
Visitez https://ubuntu.com/esm ou exécutez : sudo pro status

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

bretont@srv-adguard:~$
bretont@srv-adguard:~$
bretont@srv-adguard:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: ens18: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether bc:24:11:95:70:b9 brd ff:ff:ff:ff:ff:ff
    altname enp0s18
    inet 192.168.9.3/24 metric 100 brd 192.168.9.255 scope global dynamic ens18
        valid_lft 604560sec preferred_lft 604560sec
    inet6 fe80::bc24:11ff:fe95:70b9/64 scope link proto kernel_l1
        valid_lft forever preferred_lft forever
bretont@srv-adguard:~$

```

Etape 5 : Installation de ADGUARD HOME

1 Libérer le port 53

```
sudo nano /etc/systemd/resolved.conf
```

Dans la section [Resolve], décommentez et modifiez :

```
DNSStubListener=no
```

Sauvegardez (Ctrl+O, Entrée, Ctrl+X).

```
GNU nano 8.7.1 /etc/systemd/resolved.conf
# This file is part of systemd.
#
# systemd is free software; you can redistribute it and/or modify it under the
# terms of the GNU Lesser General Public License as published by the Free
# Software Foundation; either version 2.1 of the License, or (at your option)
# any later version.
#
# Entries in this file show the compile time defaults. Local configuration
# should be created by either modifying this file (or a copy of it placed in
# /etc/ if the original file is shipped in /usr/), or by creating "drop-ins" in
# the /etc/systemd/resolved.conf.d/ directory. The latter is generally
# recommended. Defaults can be restored by simply deleting the main
# configuration file and all drop-ins located in /etc/.
#
# Use 'systemd-analyze cat-config systemd/resolved.conf' to display the full config.
# See resolved.conf(5) for details.

[Resolve]
# Some examples of DNS servers which may be used for DNS= and fallbackDNS=:
# Cloudflare: 1.1.1.1#cloudflare-dns.com 2606:4700:4700::1111#cloudflare-dns.com 2606:4700:4700::1001#cloudflare-dns.com
# Google: 8.8.8.8#dns.google 8.4.4#dns.google 2001:4860:4860::8888#dns.google 2001:4860:4860::8844#dns.google
# Quad9: 9.9.9.9#dns.quad9.net 149.112.112.112#dns.quad9.net 2620:fe::fe#dns.quad9.net 2620:fe::9#dns.quad9.net
#
# Using DNS= configures global DNS servers and does not suppress link-specific
# configuration. Parallel requests will be sent to per-link DNS servers.
# configured automatically by systemd-networkd.service(8), NetworkManager(8), or
# similar management services, or configured manually via resolvectl(1). See
# resolved.conf(5) and systemd-resolved(8) for more details.
#DNS=
#FallbackDNS=
#Domain=
#DNSSEC=no
#DNSOverTLSEno
#MulticastDNSno
#LLMneno
#Cache=yes
#CacheFromLocalhost=no
DNSStubListener=no
#DNSStubListenerExtra=
#ReadEtcHosts=yes
#ResolveIncastsSingleLabel=no
#StaleRetainSec=0
#RefuseRecordTypes=
```

Pourquoi couper ce port 53 ? Par défaut Ubuntu utilise un service nommé *systemd-resolved* qui occuper le port 53 qui correspond au port des requêtes DNS. Si je ne coupe ce port, ADGuard ne pourra pas filtrer tout ce qui passe sur mon réseau au moyen du DNS.

```
SSH session to bretont@192.168.9.3
• Direct SSH : ✓
• SSH compression : ✓
• SSH-browser : ✓
• X11-forwarding : ✓ (remote display is forwarded through SSH)
• For more info, ctrl+click on help or visit our website.

Welcome to Ubuntu 26.04 LTS (GNU/Linux 7.0.0-27-generic x86_64)

 * Documentation:  https://docs.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of dim. 05 juil 2026 13:06:12 UTC

System load:  0.27          Processes:      120
Usage of /:   35.2% of 14.66GB   Users logged in:  0
Memory usage: 13%          IPv4 address for ens18: 192.168.9.3
Swap usage:   0%

La maintenance de sécurité étendue pour Applications n'est pas activée.

14 mises à jour peuvent être appliquées immédiatement.
Pour afficher ces mises à jour supplémentaires, exécuter : apt list --upgradable

Activez ESM Apps pour recevoir des futures mises à jour de sécurité supplémentaires.
Visitez https://ubuntu.com/esm ou exécutez : sudo pro status

/usr/bin/xaauth: file /home/bretont/.Xauthority does not exist
bretont@srv-adguard:~$
bretont@srv-adguard:~$
bretont@srv-adguard:~$
bretont@srv-adguard:~$ sudo nano /etc/systemd/resolved.conf
[sudo: authenticate] Password:
sudo: Authentication failed, try again.
[sudo: authenticate] Password:
bretont@srv-adguard:~$ sudo ss -tlnp | grep :53
udp UNCONN 0 0 127.0.0.54:53 0.0.0.0:* users:(("sys
temd-resolve",pid=856,fd=18))
udp UNCONN 0 0 127.0.0.53%lo:53 0.0.0.0:* users:(("sys
temd-resolve",pid=856,fd=16))
tcp LISTEN 0 4096 127.0.0.54:53 0.0.0.0:* users:(("sys
temd-resolve",pid=856,fd=19))
tcp LISTEN 0 4096 127.0.0.53%lo:53 0.0.0.0:* users:(("sys
temd-resolve",pid=856,fd=17))
bretont@srv-adguard:~$
```

② Refaire le lien symbolique resolv.conf

```
sudo ln -sf /run/systemd/resolve/resolv.conf /etc/resolv.conf
```

③ Redémarrer le systemd-resolved

```
sudo systemctl restart systemd-resolved
```

④ Vérifier que le port 53 est libre

```
sudo ss -utlpn | grep :53
```

Le fait que la commande ne retourne **aucune ligne** signifie que **le port 53 est bien libre**

⑤ Installer curl et lancer le script ADGuard Home

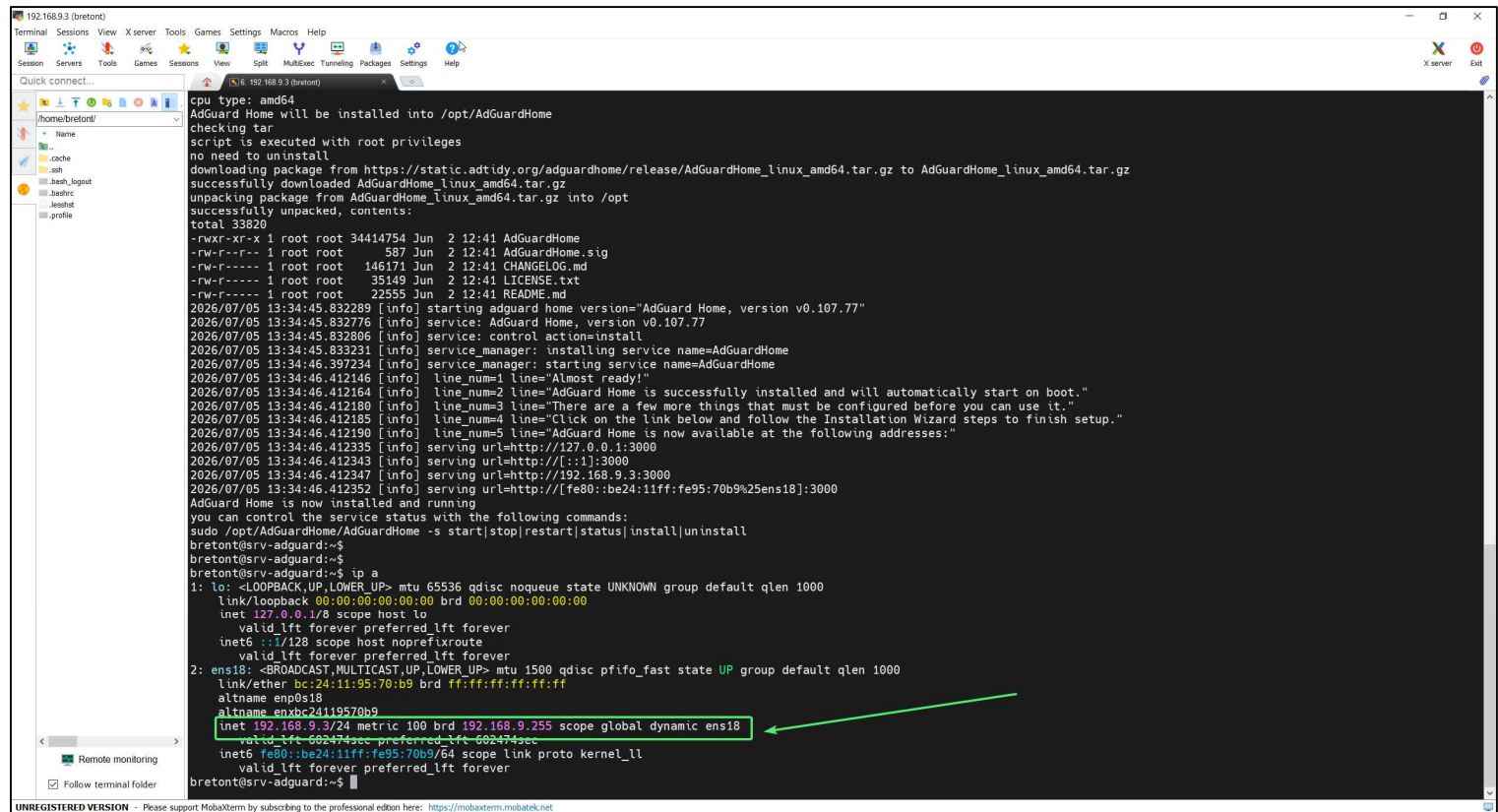
```
sudo apt update
sudo apt install curl -y
curl -s -S -L
https://raw.githubusercontent.com/AdguardTeam/AdGuardHome/master/scripts/install.sh |
sh -s -- -v
```

```
192.168.9.3 (bretont)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
Quick connect...
[home:bretont]
bretont@srv-adguard:~$ sudo apt update
Atteint : 1 http://security.ubuntu.com/ubuntu resolute-security InRelease
Atteint : 2 http://archive.ubuntu.com/ubuntu resolute InRelease
Atteint : 3 http://archive.ubuntu.com/ubuntu resolute-updates InRelease
Atteint : 4 http://archive.ubuntu.com/ubuntu resolute-backports InRelease
14 paquets peuvent être mis à jour. Exécutez « apt list --upgradable » pour les voir.
bretont@srv-adguard:~$ sudo apt install curl -y
curl est déjà la version la plus récente (8.18.0-1ubuntu2.2).
curl passé en « installé manuellement ».
Les paquets suivants ont été installés automatiquement et ne sont plus nécessaires :
  linux-headers-7.0.0-14      linux-image-unsigned-7.0.0-14-generic  linux-modules-7.0.0-14-generic  linux-tools-7.0.0-14-generic
  linux-headers-7.0.0-14-generic  linux-main-modules-zfs-7.0.0-14-generic  linux-tools-7.0.0-14
Veuillez utiliser « sudo apt autoremove » pour les supprimer.
Sommaire :
  Mise à niveau de : 0. Installation de : 0. Supprimé : 0. Non mis à jour : 14
bretont@srv-adguard:~$ curl -s -S -L https://raw.githubusercontent.com/AdguardTeam/AdGuardHome/master/scripts/install.sh | sh -s -- -v
starting AdGuard Home installation script
channel: release
operating system: linux
cpu type: amd64
AdGuard Home will be installed into /opt/AdGuardHome
checking tar
note that AdGuard Home requires root privileges to install using this script
restarting with root privileges
starting AdGuard Home installation script
channel: release
operating system: linux
cpu type: amd64
AdGuard Home will be installed into /opt/AdGuardHome
checking tar
script is executed with root privileges
no need to uninstall
downloading package from https://static.adtidy.org/adguardhome/release/AdGuardHome_linux_amd64.tar.gz to AdGuardHome_linux_amd64.tar.gz
successfully downloaded AdGuardHome_linux_amd64.tar.gz
unpacking package from AdGuardHome_linux_amd64.tar.gz into /opt
successfully unpacked, contents:
total 33820
-rwxr-xr-x 1 root root 34414754 Jun 2 12:41 AdGuardHome
-rw-r--r-- 1 root root 587 Jun 2 12:41 AdGuardHome.sig
-rw-r--r-- 1 root root 146171 Jun 2 12:41 CHANGELOG.md
-rw-r--r-- 1 root root 35149 Jun 2 12:41 LICENSE.txt
-rw-r--r-- 1 root root 22555 Jun 2 12:41 README.md
2026/07/05 13:34:45.832289 [info] starting adguard home version="AdGuard Home, version v0.107.77"
2026/07/05 13:34:45.832776 [info] service: AdGuard Home, version v0.107.77
2026/07/05 13:34:45.832806 [info] service: control action=install
2026/07/05 13:34:45.833231 [info] service_manager: installing service name=AdGuardHome
2026/07/05 13:34:46.397234 [info] service_manager: starting service name=AdGuardHome
```

```
192.168.9.3 (bretont)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
Quick connect...
/home/bretont/
Name
..
.cache
.ssh
.bash_logout
.bashrc
.ssh
.profile
Veuillez utiliser « sudo apt autoremove » pour les supprimer.
Sommaire :
Mise à niveau de : 0. Installation de : 0. Supprimé : 0. Non mis à jour : 14
bretont@srv-adguard:~$ curl -s -S -L https://raw.githubusercontent.com/AdguardTeam/AdGuardHome/master/scripts/install.sh | sh -s -- -v
starting AdGuard Home installation script
channel: release
operating system: linux
cpu type: amd64
AdGuard Home will be installed into /opt/AdGuardHome
checking tar
note that AdGuard Home requires root privileges to install using this script
restarting with root privileges
starting AdGuard Home installation script
channel: release
operating system: linux
cpu type: amd64
AdGuard Home will be installed into /opt/AdGuardHome
checking tar
script is executed with root privileges
no need to uninstall
downloading package from https://static.adtidy.org/adguardhome/release/AdGuardHome_linux_amd64.tar.gz to AdGuardHome_linux_amd64.tar.gz
successfully downloaded AdGuardHome_linux_amd64.tar.gz
unpacking package from AdGuardHome_linux_amd64.tar.gz into /opt
successfully unpacked, contents:
total 33820
-rwxr-xr-x 1 root root 34414754 Jun 2 12:41 AdGuardHome
-rw-r--r-- 1 root root 587 Jun 2 12:41 AdGuardHome.sig
-rw-r----- 1 root root 146171 Jun 2 12:41 CHANGELOG.md
-rw-r----- 1 root root 35149 Jun 2 12:41 LICENSE.txt
-rw-r----- 1 root root 22555 Jun 2 12:41 README.md
2026/07/05 13:34:45.832289 [info] starting adguard home version="AdGuard Home, version v0.107.77"
2026/07/05 13:34:45.832776 [info] service: AdGuard Home, version v0.107.77
2026/07/05 13:34:45.832806 [info] service: control action=install
2026/07/05 13:34:45.833231 [info] service_manager: installing service name=AdGuardHome
2026/07/05 13:34:46.397234 [info] service_manager: starting service name=AdGuardHome
2026/07/05 13:34:46.412146 [info] line_num=1 line="Almost ready!"
2026/07/05 13:34:46.412164 [info] line_num=2 line="AdGuard Home is successfully installed and will automatically start on boot."
2026/07/05 13:34:46.412180 [info] line_num=3 line="There are a few more things that must be configured before you can use it."
2026/07/05 13:34:46.412185 [info] line_num=4 line="Click on the link below and follow the Installation Wizard steps to finish setup."
2026/07/05 13:34:46.412190 [info] line_num=5 line="AdGuard Home is now available at the following addresses:"
2026/07/05 13:34:46.412335 [info] serving url=http://127.0.0.1:3000
2026/07/05 13:34:46.412343 [info] serving url=http://[::1]:3000
2026/07/05 13:34:46.412347 [info] serving url=http://192.168.9.3:3000
2026/07/05 13:34:46.412352 [info] serving url=http://[fe80::be24:11ff:fe95:70b9%25ens18]:3000
AdGuard Home is now installed and running
you can control the service status with the following commands:
sudo /opt/AdGuardHome/AdGuardHome -s start|stop|restart|status|install|uninstall
bretont@srv-adguard:~$
```



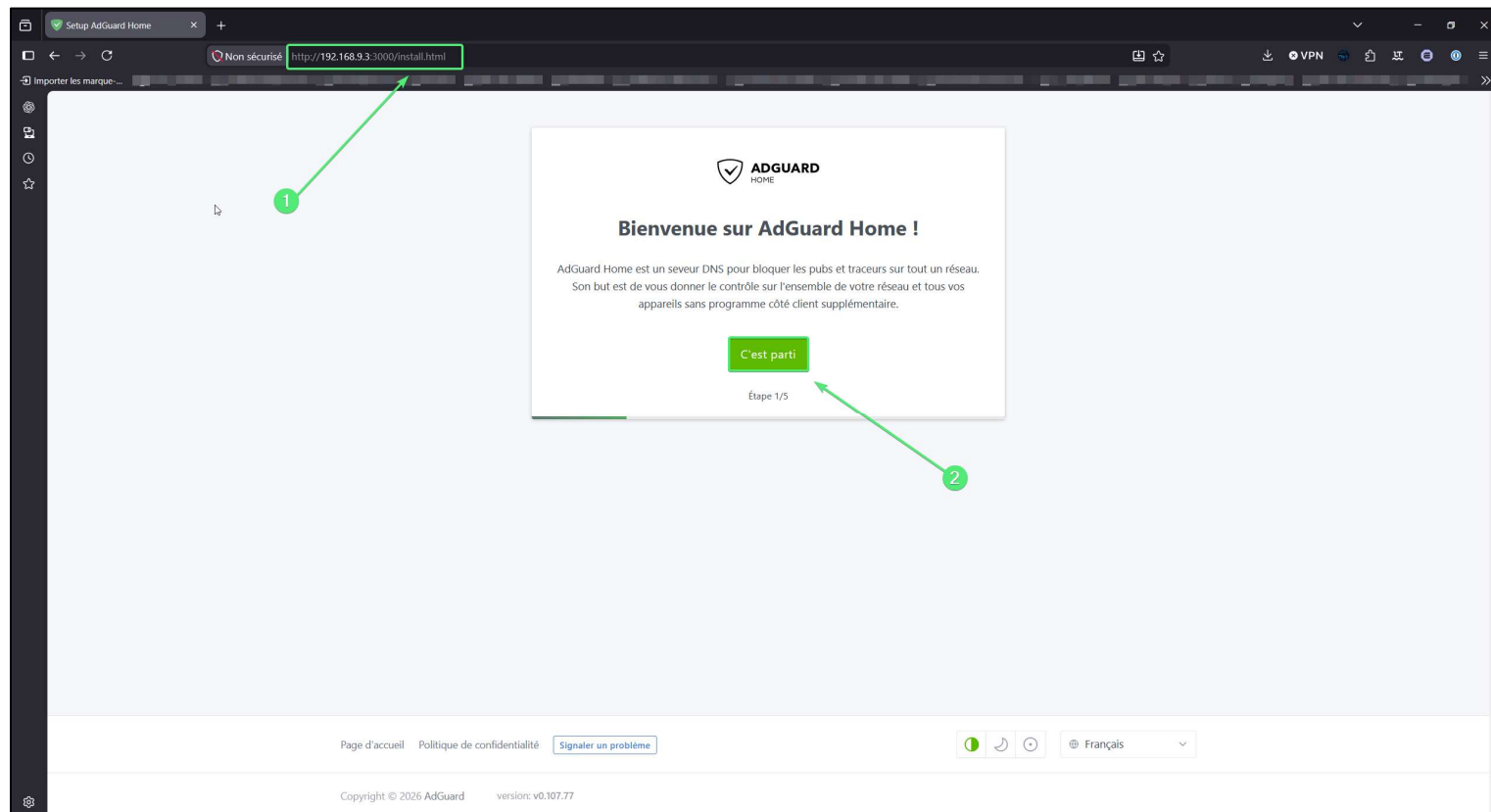
6 Trouver l'IP du serveur et se rendre sur l'interface web :



```
192.168.9.3 (breton)
Terminal Sessions View X server Tools Games Settings Macros Help
Quick connect...
/home/breton/
Name
cache
.ssh
.bash_logout
.bashrc
.bashrc
.profile
cpu type: amd64
AdGuard Home will be installed into /opt/AdGuardHome
checking tar
script is executed with root privileges
no need to uninstall
downloading package from https://static.adtidy.org/adguardhome/release/AdGuardHome_linux_amd64.tar.gz to AdGuardHome_linux_amd64.tar.gz
successfully downloaded AdGuardHome_linux_amd64.tar.gz
unpacking package from AdGuardHome_linux_amd64.tar.gz into /opt
successfully unpacked, contents:
total 33820
-rwxr-xr-x 1 root root 34414754 Jun 2 12:41 AdGuardHome
-rw-r--r-- 1 root root 587 Jun 2 12:41 AdGuardHome.sig
-rw-r--r-- 1 root root 146171 Jun 2 12:41 CHANGELOG.md
-rw-r--r-- 1 root root 35149 Jun 2 12:41 LICENSE.txt
-rw-r--r-- 1 root root 22555 Jun 2 12:41 README.md
2026/07/05 13:34:45.832289 [info] starting adguard home version="AdGuard Home, version v0.107.77"
2026/07/05 13:34:45.832776 [info] service: AdGuard Home, version v0.107.77
2026/07/05 13:34:45.832806 [info] service: control action=install
2026/07/05 13:34:45.833231 [info] service_manager: installing service name=AdGuardHome
2026/07/05 13:34:46.412146 [info] line_num=1 line="Almost ready!"
2026/07/05 13:34:46.412164 [info] line_num=2 line="AdGuard Home is successfully installed and will automatically start on boot."
2026/07/05 13:34:46.412180 [info] line_num=3 line="There are a few more things that must be configured before you can use it."
2026/07/05 13:34:46.412185 [info] line_num=4 line="Click on the link below and follow the Installation Wizard steps to finish setup."
2026/07/05 13:34:46.412190 [info] line_num=5 line="AdGuard Home is now available at the following addresses:"
2026/07/05 13:34:46.412335 [info] serving url=http://127.0.0.1:3000
2026/07/05 13:34:46.412343 [info] serving url=http://[::]:3000
2026/07/05 13:34:46.412347 [info] serving url=http://192.168.9.3:3000
2026/07/05 13:34:46.412352 [info] serving url=http://[fe80::be24:11ff:fe95:70b9%25ens18]:3000
AdGuard Home is now installed and running
you can control the service status with the following commands:
sudo /opt/AdGuardHome/AdGuardHome -s start|stop|restart|status|install|uninstall
breton@srv-adguard:~$
breton@srv-adguard:~$
breton@srv-adguard:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid lft forever preferred lft forever
    inet6 ::1/128 scope host noprefixroute
        valid lft forever preferred lft forever
2: ens18: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether bc:24:11:95:70:b9 brd ff:ff:ff:ff:ff:ff
    altname enp0s18
    inet 192.168.9.3/24 metric 100 brd 192.168.9.255 scope global dynamic ens18
        valid lft 602474sec preferred lft 602474sec
    inet6 fe80::be24:11ff:fe95:70b9/64 scope link proto kernel ll
        valid lft forever preferred lft forever
breton@srv-adguard:~$
```

Etape 6 : Configuration de ADGUARD HOME

Rendez-vous sur : <http://<IP-du-serveur>:3000>



Pour éviter tout conflit avec le port par défaut 80, j'ai décidé de mettre un port dédié.

ADGUARDHOME

Interface web administrateur

Interface d'écoute

Toutes les interfaces

Port

8080

Votre interface web administrateur AdGuard Home sera disponible sur les adresses suivantes :

- http://127.0.0.1:8080
- http://192.168.9.3:8080
- http://::1:8080
- http://[fe80:be24:11ff:fe95:70b9%ens18]:8080

Serveur DNS

Interface d'écoute

Toutes les interfaces

Port

53

Vous devez configurer vos appareils et votre routeur pour utiliser le serveur DNS sur les adresses suivantes :

- 127.0.0.1
- 192.168.9.3
- ::1
- fe80:be24:11ff:fe95:70b9%ens18

Adresse IP statique

AdGuard Home est un serveur, il a donc besoin d'une adresse IP statique pour fonctionner correctement. Autrement, à un moment donné, votre routeur pourrait attribuer une adresse IP différente à cet appareil.

Retour

Suivant

Étape 2/5

ADGUARDHOME

Authentification

C'est nécessaire de configurer l'authentification par aide de mot de passe pour accéder à l'interface web administrateur de votre AdGuard Home. Même si AdGuard Home n'est accessible que dans votre réseau local, c'est important d'y restreindre accès aux tiers.

Nom d'utilisateur

Administrateur

Mot de passe

Confirmer le mot de passe

Retour

Suivant

Étape 3/5

Page d'accueil

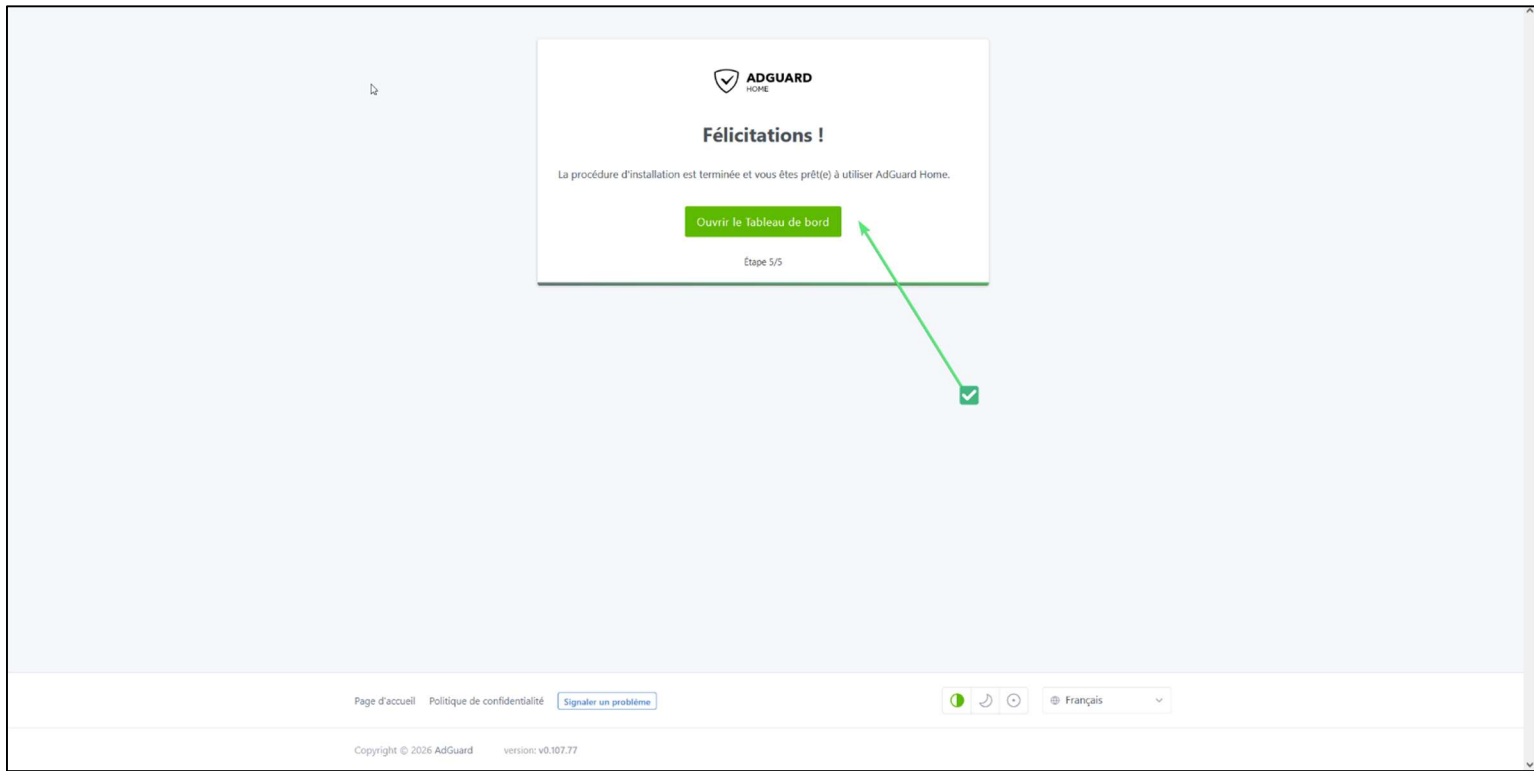
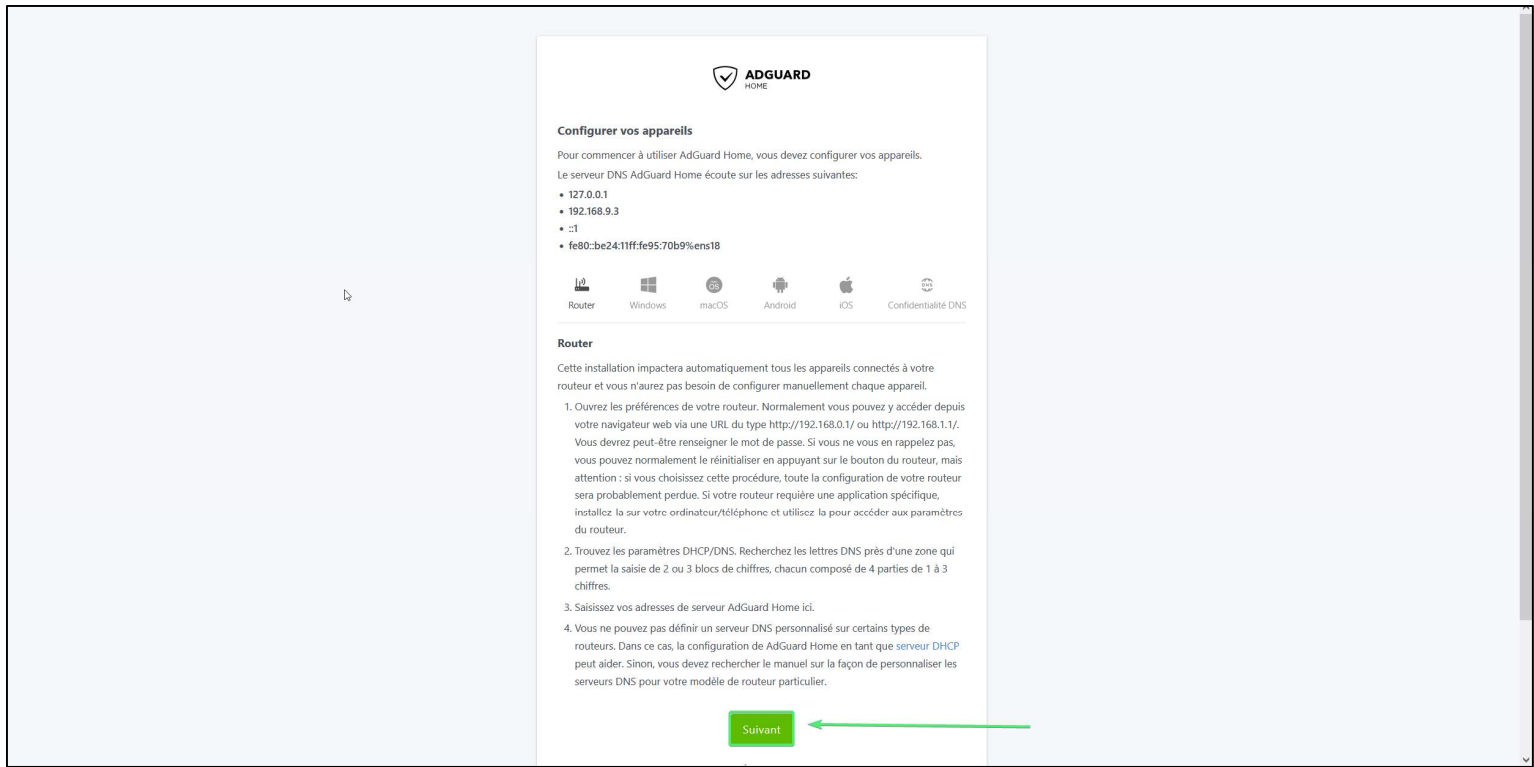
Politique de confidentialité

Signaler un problème

Français

Copyright © 2026 AdGuard

version: v0.107.77



Etape 7 : Accès à ADGUARD HOME

ADGUARDHOME

Activer

Tableau de bord

Paramètres

Filtres

Journal des requêtes

Guide d'installation

Déconnexion

Tableau de bord

Désactiver la protection

Actualiser les statistiques

0

Requêtes DNS

00%

Bloqué par Filtres

00%

Tentative de malware/hameçonnage bloquée

00%

Sites à contenu adulte bloqués

Statistiques générales

pendant les dernières 24 heures

Requêtes DNS

0

Bloqué par Filtres

0

Tentative de malware/hameçonnage bloquée

0

Sites à contenu adulte bloqués

0

Recherche sécurisée forcée

0

Temps moyen de traitement

0

Meilleurs clients

pendant les dernières 24 heures

Cliant

Nombre de requêtes

Pas de clients trouvés

Domaines les plus recherchés

pendant les dernières 24 heures

Domaine

Nombre de requêtes

Pas de domaines trouvés

Les domaines les plus fréquemment bloqués

pendant les dernières 24 heures

Domaine

Nombre de requêtes

Pas de domaines trouvés

Etape 8 : Ajout des listes des filtrage :

ADGUARDHOME

Activer

Tableau de bord

Paramètres

Filtres

Journal des requêtes

Guide d'installation

Déconnexion

Listes de blocage DNS

AdGuard Home bloquera les domaines correspondant aux listes de blocage.

AdGuard Home comprend les règles basiques de blocage ainsi que la syntaxe des fichiers hosts.

Activé	Nom	URL de la liste	Nombre des règles	Dernière mise à jour	Actions
☒	AdGuard DNS filter	https://adguardteam.github.io...	155 276	5 juillet 2026 à 21:42	
☐	AdAway Default Blocklist	https://adguardteam.github.io...	0	-	
☒	Steven Black's List	https://adguardteam.github.io...	78 187	5 juillet 2026 à 21:42	
☒	Red Flags Domain	https://dl.red.flag.domains/ad...	39 057	5 juillet 2026 à 21:42	

Précédent

Page 1 / 1

10 lignes

Suivant

Ajouter liste de blocage

Vérifier les mises à jour

Page d'accueil

Politique de confidentialité

Signaler un problème

Français

Copyright © 2026 AdGuard version: v0.107.77

Chaque liste à se particularité :



Ces listes permettent de limiter le risque de se rendre sur le mauvais site, peut être sous le contrôle d'un cybercriminel.



Celle Steven Black filtré en grand nombre de nom de domaine malveillants :

```
| Title: Steven Black's list
| Description Unified hosts file (adware + malware).
| Version: 1.0-16-50
| Homepage: https://github.com/StevenBlack/hosts
| Last modified: 2020-07-05 17:29:59 UTC
|
| Compiled by @edguard/hostslist-compiler v2.1.0
|
0.0.0.0 ad-assets.futurecdn.net
0.0.0.0 ak.getcookie.txt.com
0.0.0.0 eu1.clevertap-prod.com
0.0.0.0 viihungpross.com
0.0.0.0 eocryptslap.com
0.0.0.0 webmail.who.int-000webhostapp.com
0.0.0.0 810nec.com
0.0.0.0 01nspsdyalky8.com
0.0.0.0 0by9mg00.com
0.0.0.0 vst.bqndus.org
0.0.0.0 dsv.bpengl.com
0.0.0.0 12724.xyz
0.0.0.0 21784.xyz
0.0.0.0 www.analytics.247sports.com
0.0.0.0 2no.co
0.0.0.0 www.2no.co
0.0.0.0 logitechlogitechglobal.112.207.net
0.0.0.0 www.logitechlogitechglobal.112.207.net
0.0.0.0 2all.com
0.0.0.0 30-day-change.com
0.0.0.0 www.30-day-change.com
0.0.0.0 mclean.f.360.cn
0.0.0.0 mconf.f.360.cn
0.0.0.0 care.help.360.cn
0.0.0.0 mcl.s.360.cn
0.0.0.0 g.s.360.cn
0.0.0.0 p.s.360.cn
0.0.0.0 aicleaner.abouji.360.org
0.0.0.0 ssl.360antivirus.org
0.0.0.0 sd.360in.com
0.0.0.0 mclean.lato.cloud.360safe.com
0.0.0.0 mconf.lato.cloud.360safe.com
0.0.0.0 mclean.cloud.360safe.com
0.0.0.0 mconf.cloud.360safe.com
0.0.0.0 mclean.uk.cloud.360safe.com
0.0.0.0 mconf.uk.cloud.360safe.com
0.0.0.0 11ift.org
0.0.0.0 48484848cd199a.com
0.0.0.0 4dchan.me
0.0.0.0 4ourkidz.com
0.0.0.0 5kv26igap8dc9.com
0.0.0.0 8lchan.pw
0.0.0.0 www.35yett.cn
0.0.0.0 tempinfo.96.lt
0.0.0.0 shdwantom.com
0.0.0.0 abtasty.net
0.0.0.0 analytics.modul.ac.at
0.0.0.0 acalwet.com
0.0.0.0 acras.com
0.0.0.0 graph.accountkit.com
0.0.0.0 www.graph.accountkit.com
0.0.0.0 go.adidata.com
0.0.0.0 metrics.adage.com
0.0.0.0 adaptivess.org
0.0.0.0 ads30.adcolony.com
0.0.0.0 androidadid21.adcolony.com
```

Celle de Red Flags Domaines va répertorier tous les domaines malveillants en termes d'usurpation d'identité :

```

Last update: 2026-07-05
|000webhost.fr^
|000webhostapp.fr^
|01shaneconsultable.fr^
|01portable.fr^
|02137auc-dijon.fr^
|02ho-jedesschart-anova.fr^
|02hotmail.fr^
|03infososlucesconsulta.fr^
|04consultanovidadebr.fr^
|05infosconsultahgje.fr^
|06ho-jedesschart-anova.fr^
|07infososluces.fr^
|08yfans.fr^
|09francetvinfo.fr^
|0orange.fr^
|0phokla.fr^
|0ranges.fr^
|0range.fr^
|0uth-client.fr^
|0utlook.fr^
|1-coolrino.fr^
|1-wins.fr^
|1000pneu.fr^
|1001palomidia.fr^
|1001pneu.fr^
|10hameoff.fr^
|10daigt.fr^
|101lv.fr^
|11-mondial.fr^
|11E71.fr^
|11ence-fr.fr^
|11securiteabofr.fr^
|123-people.fr^
|124live.fr^
|12securiteabofr.fr^
|13hotmail.fr^
|13securitehro.fr^
|17hotmail.fr^
|1800contacts.fr^
|1am1.fr^
|1aposte.fr^
|1appleid-apple.fr^
|1auchen.fr^
|1bet-casino.fr^
|1bet.fr^
|1betcasino.fr^
|1betonred.fr^
|1betriot.fr^
|1billionsirespin.fr^
|1but.fr^
|1cages.fr^
|1creditmutuell.fr^
|1cdn.fr^
|1conlrino.fr^
|1creditmutuell.fr^
|1creditmutuel.fr^
|1creditmutuel.fr^
|1creditmutuell.fr^
|1creditmutuel.fr^
|1creditmutuel.fr^
|1credit-mutuel.fr^
|1credit-mutuel.fr^
|1credit-mutuel.fr^
|1creditmutuel.fr^
|1creditmutuel.fr^
|1creditmutuel.fr^

```

Etape 9 : Les Requêtes DNS – Route Statique

Comme mon homelab se trouve sur un autre segment réseau avec plusieurs VLAN, ce qui signifie plein de réseaux différents. Comme mes appareils, tel que mon iPad ou mon iPhone, sont sur le réseau 192.168.1.0/24 de ma Freebox, ils ne peuvent donc pas avoir accès au serveur.

Car quand un appareil envoie une requête, il s'adresse au DNS de la Freebox. Donc, pour remédier à ça, j'ai renseigné manuellement le DNS sur mes appareils personnels.

Mais ajouter le DNS manuellement ne suffit pas, car quand mes appareils sont configurés sur un autre DNS, ils envoient la requête à la Freebox, qui ne connaît pas les réseaux 192.168.9.0/24 (AdGuard) et 192.168.4.0/24 (BDD-Interface). Il a donc fallu ajouter une route statique.

Mais pour que les hôtes puissent recevoir le trafic web venant du VLAN 4, il a fallu créer une règle de filtrage autorisant le trafic web du WAN à aller sur le VLAN 4.

3	wan1	VLAN 4 - BDD	WAN	VLAN 4 - BDD	always	HTTP HTTPS	✓ ACCEPT	Disable	734 Packets / 874.75 KB	Autoriser le trafic web WAN ve...	Enable
---	------	--------------	-----	--------------	--------	---------------	----------	---------	-------------------------	-----------------------------------	--------

1 Ajout de la route statique

Routage

Acti...	Préfixe	Passerelle	Description
☒	192.168.4.0/24	192.168.1.42	Route Statique VLAN 4
☒	192.168.9.0/24	192.168.1.42	Route Statique VLAN 9

 Paramètres de la Freeb...

Routage

 19:06

 Ajouter une route

② Ajout du DNS sur l'iPhone et l'iPad et sur le PCGamer

L'iPhone



ADGUARD

HOME

Active

Tableau de bord

Paramètres

Filtres

Journal des requêtes

Guide d'installation

Déconnexion

Journal des requêtes

breton

Toutes les requêtes

Temps	Requête	Réponse	Client
16:10:55 05/07/2026	breton-theo.fr Type: HTTPS, DNS brut	Traité 284 ms	192.168.1.135 iphone-de-theo.home
16:10:55 05/07/2026	breton-theo.fr Type: A, DNS brut	Traité 0.03 ms	192.168.1.135 iphone-de-theo.home
16:10:55 05/07/2026	breton-theo.fr Type: AAAA, DNS brut	Traité 0.05 ms	192.168.1.135 iphone-de-theo.home
15:50:56 05/07/2026	breton-theo.fr Type: AAAA, DNS brut	Traité 145 ms	10.212.134.200
15:50:56 05/07/2026	breton-theo.fr Type: HTTPS, DNS brut	Traité 46 ms	10.212.134.200
15:50:56 05/07/2026	breton-theo.fr Type: A, DNS brut	Traité 19 ms	10.212.134.200

Page d'accueil

Politique de confidentialité

Signaler un problème

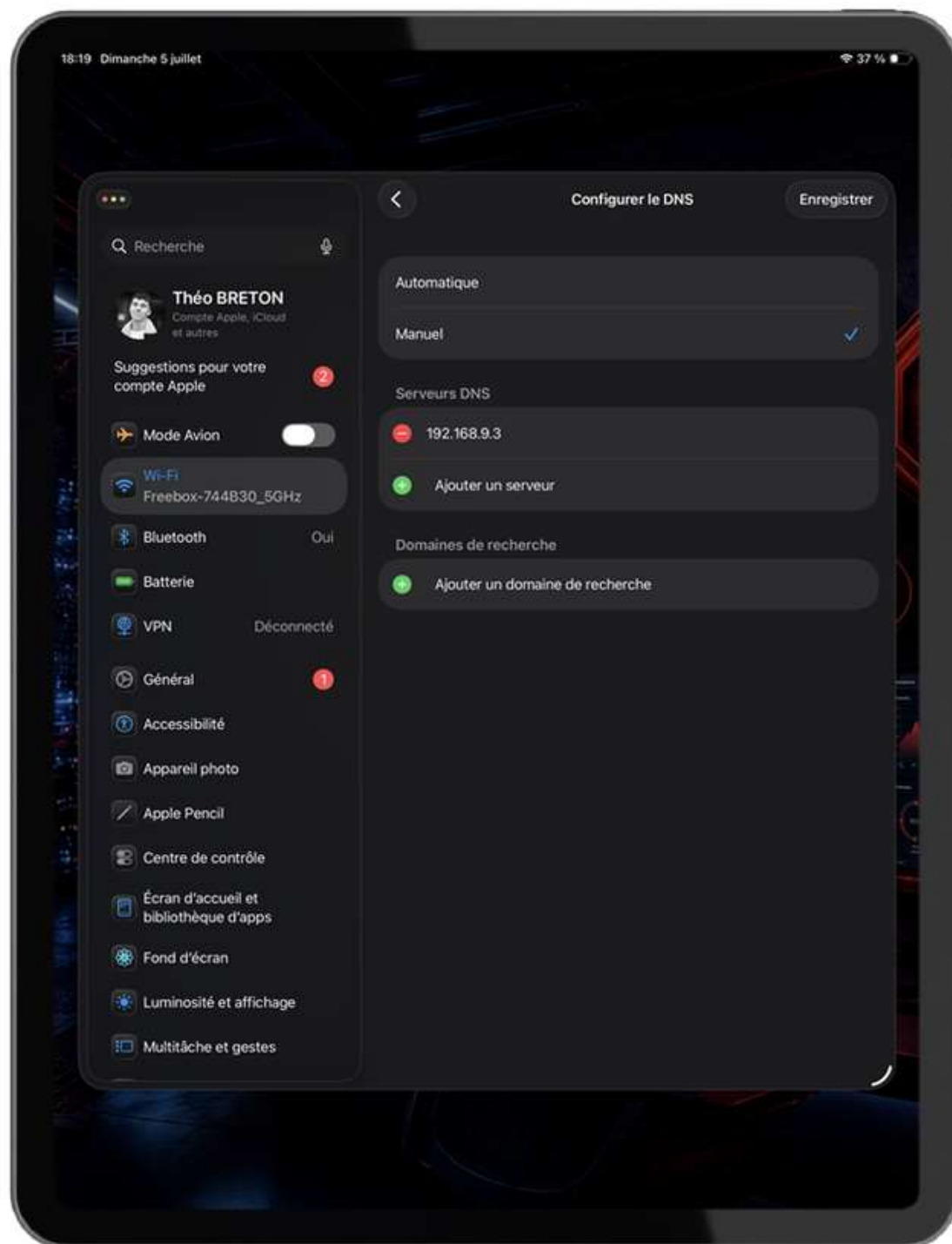
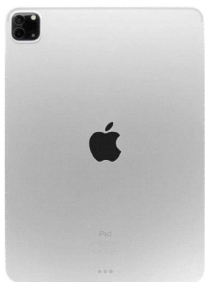
Français

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PROJET PERSONNEL – Théo BRETON

PROJET N°8 : MISE EN PLACE DE ADGUARD HOME DANS MON HOMELAB

27



Journal des requêtes

Q breton

X ?

Toutes les requêtes

Temps	Requête	Réponse	Client
18:19:52 05/07/2026	  breton-theo.fr Type: AAAA, DNS brut	 Traité 147 ms	 192.168.1.157 ipad-de-theo.home
18:19:52 05/07/2026	  breton-theo.fr Type: HTTPS, DNS brut	 Traité 98 ms	 192.168.1.157 ipad-de-theo.home
18:19:52 05/07/2026	  breton-theo.fr Type: A, DNS brut	 Traité 0,04 ms	 192.168.1.157 ipad-de-theo.home
16:10:55 05/07/2026	  breton-theo.fr Type: HTTPS, DNS brut	 Traité 284 ms	 192.168.1.135 iphone-de-theo.home
16:10:55 05/07/2026	  breton-theo.fr Type: A, DNS brut	 Traité 0,03 ms	 192.168.1.135 iphone-de-theo.home
16:10:55 05/07/2026	  breton-theo.fr Type: AAAA, DNS brut	 Traité 0,05 ms	 192.168.1.135 iphone-de-theo.home
15:50:56 05/07/2026	  breton-theo.fr Type: AAAA, DNS brut	 Traité 145 ms	 10.212.134.200
15:50:56 05/07/2026	  breton-theo.fr Type: HTTPS, DNS brut	 Traité 46 ms	 10.212.134.200
15:50:56 05/07/2026	  breton-theo.fr Type: A, DNS brut	 Traité 19 ms	 10.212.134.200

Page d'accueil

Politique de confidentialité

Signaler un problème



Français



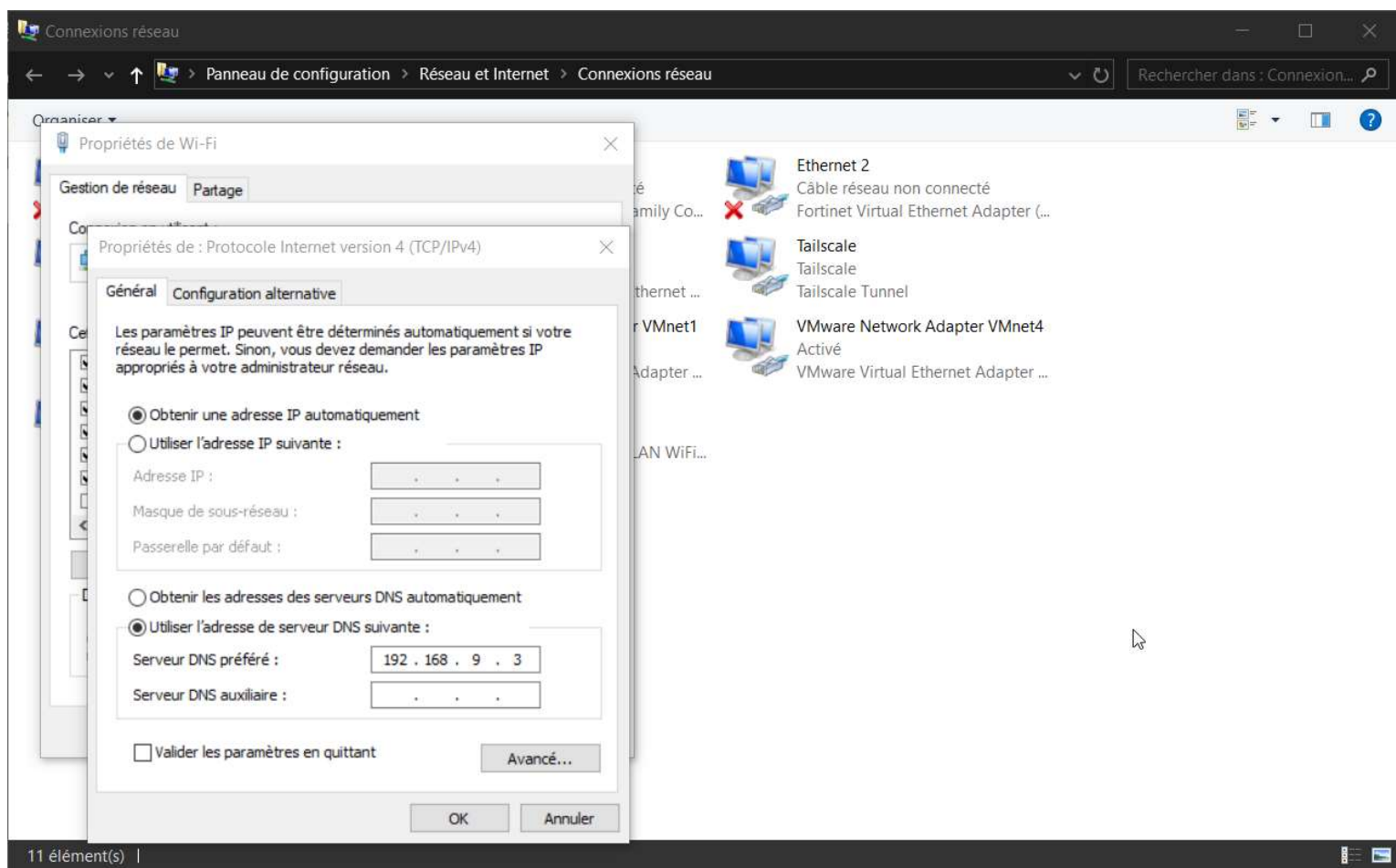
Le journal des requêtes a été mis à jour



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Journal des requêtes

breton

×

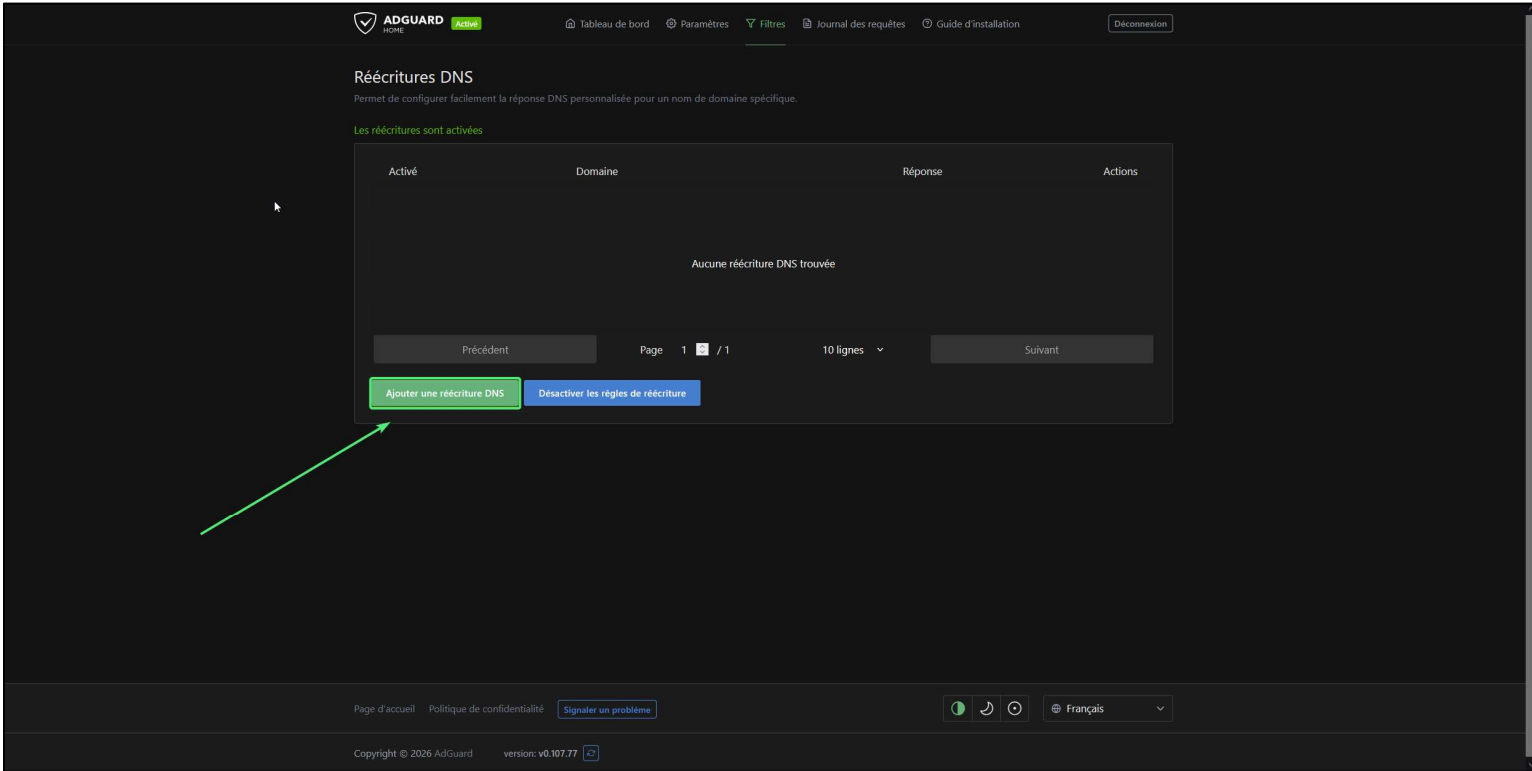
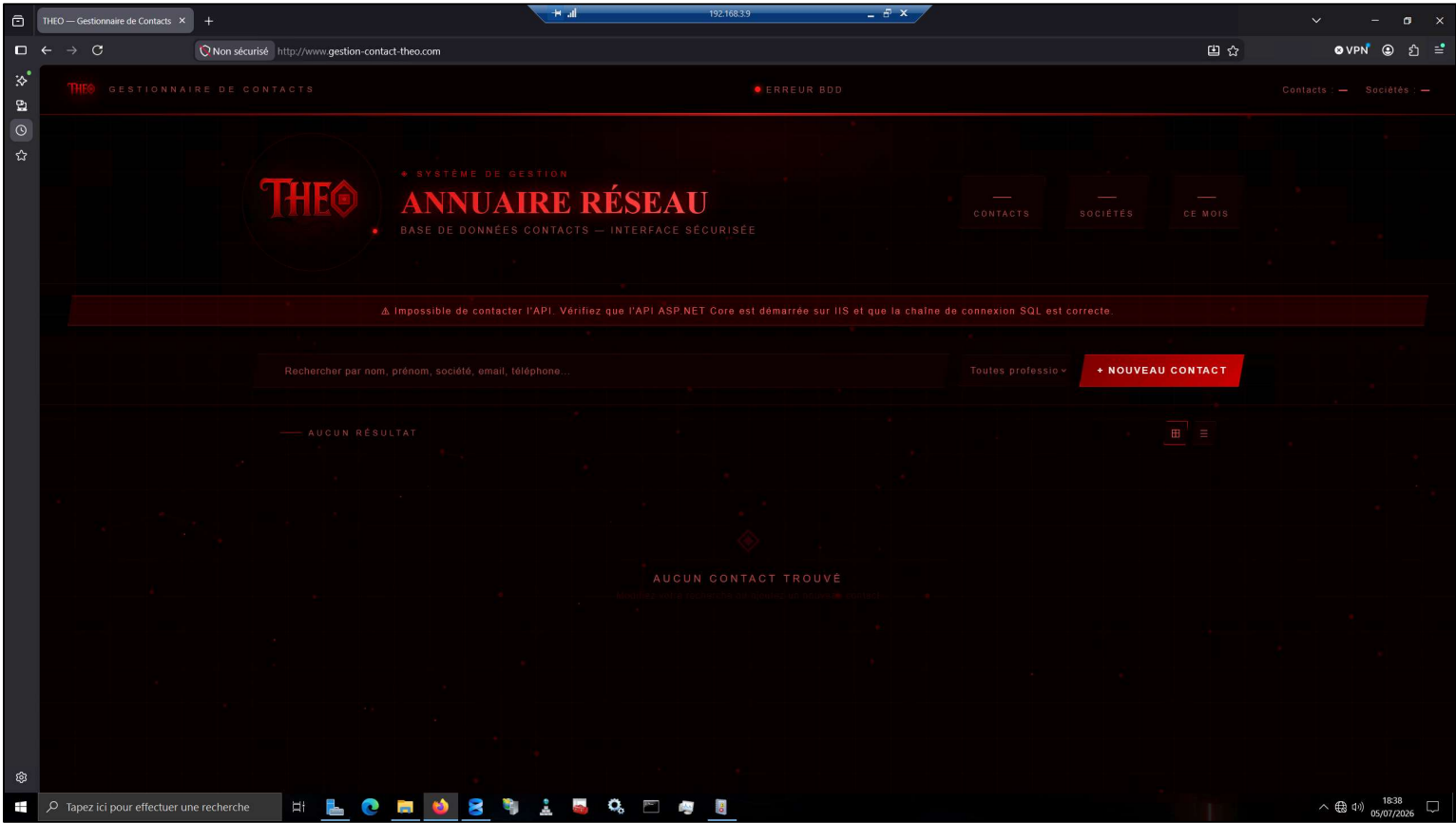


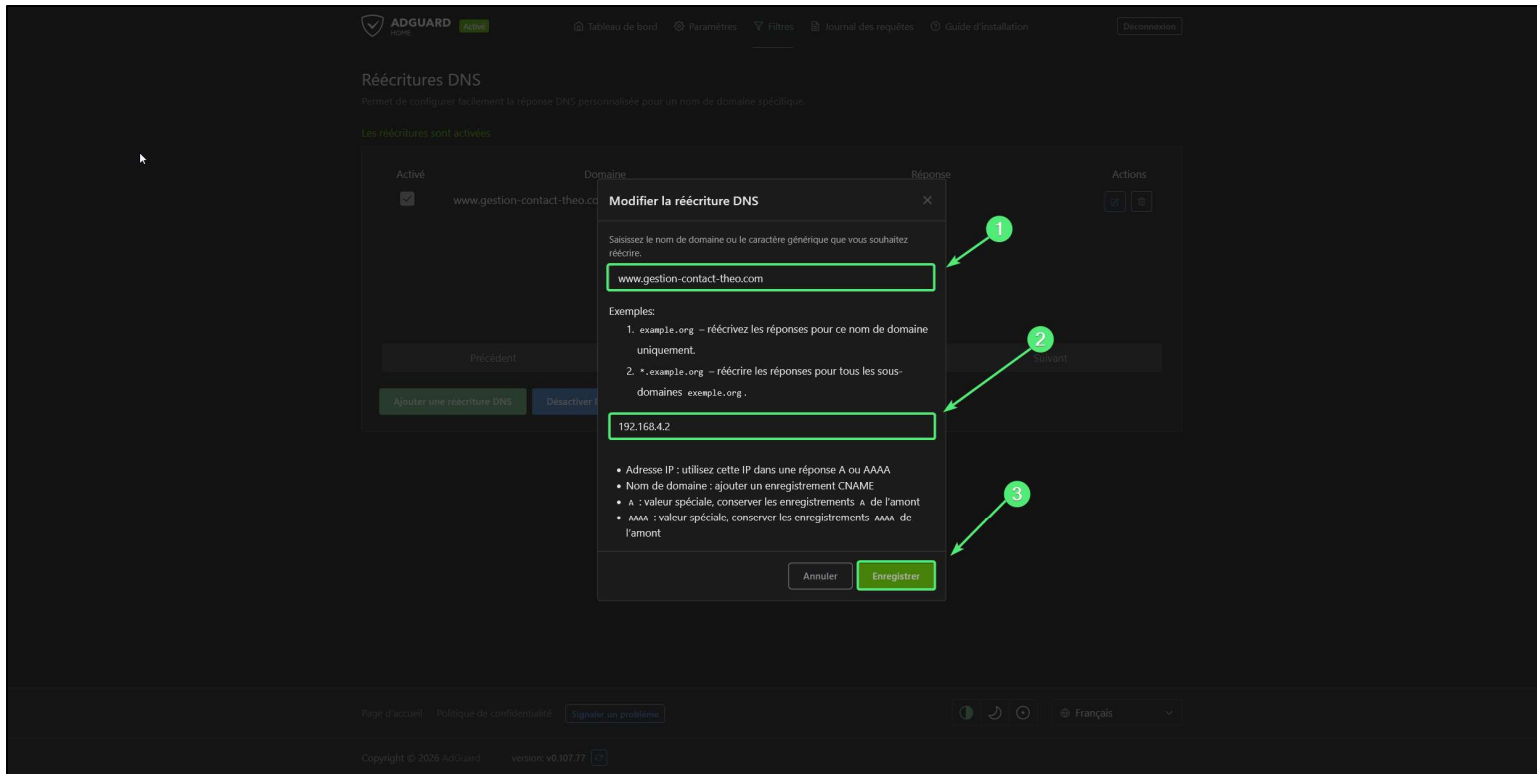
Toutes les requêtes

Temps	Requête	Réponse	Client	
18:30:01 05/07/2026	breton-theo.fr Type: AAAA, DNS brut	Traité 0.09 ms	192.168.1.39 pc-theo1.home	⋮
18:29:51 05/07/2026	breton-theo.fr Type: A, DNS brut	Traité 0.03 ms	192.168.1.39 pc-theo1.home	⋮
18:29:51 05/07/2026	breton-theo.fr Type: A, DNS brut	Traité 0.08 ms	192.168.1.39 pc-theo1.home	⋮
18:29:41 05/07/2026	breton-theo.fr Type: A, DNS brut	Traité 0.14 ms	192.168.1.39 pc-theo1.home	⋮
18:19:52 05/07/2026	breton-theo.fr Type: AAAA, DNS brut	Traité 147 ms	192.168.1.157 ipad-de-theo.home	⋮
18:19:52 05/07/2026	breton-theo.fr Type: HTTPS, DNS brut	Traité 98 ms	192.168.1.157 ipad-de-theo.home	⋮
18:19:52 05/07/2026	breton-theo.fr Type: A, DNS brut	Traité 0.04 ms	192.168.1.157 ipad-de-theo.home	⋮
16:10:55 05/07/2026	breton-theo.fr Type: HTTPS, DNS brut	Traité 284 ms	192.168.1.135 iphone-de-theo.home	⋮
16:10:55 05/07/2026	breton-theo.fr Type: A, DNS brut	Traité 0.03 ms	192.168.1.135 iphone-de-theo.home	⋮
16:10:55 05/07/2026	breton-theo.fr Type: AAAA, DNS brut	Traité 0.05 ms	192.168.1.135 iphone-de-theo.home	⋮
15:50:56 05/07/2026	breton-theo.fr Type: AAAA, DNS brut	Traité 145 ms	10.212.134.200	⋮
15:50:56 05/07/2026	breton-theo.fr Type: HTTPS, DNS brut	Traité 46 ms	10.212.134.200	⋮

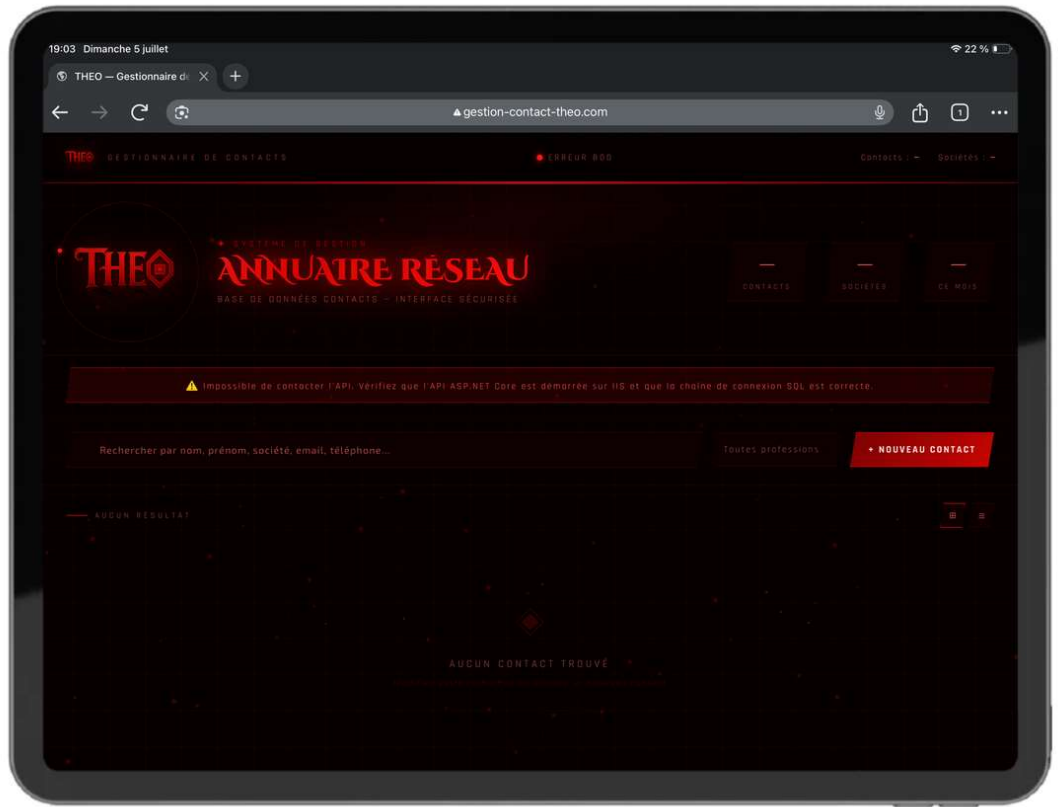
Etape 8 : Ajouter une réécriture DNS

Actuellement j'ai un serveur BDD qui contient ma base de données de contact mais aussi l'interface qui est liés à cette base. Maintenant que j'ai mon propre serveur DNS je vais pouvoir rediriger l'adresse gestion-contact-theo.com avec l'adresse du serveur BDD.





Test sur les hôtes :



Etape 9 : Intégration du serveur ADGuard au serveur de supervision présent dans le homelab.

1 Ajout du dépôt ZABBIX

```
wget https://repo.zabbix.com/zabbix/6.4/ubuntu/pool/main/z/zabbix-release/zabbix-release_6.4-1+ubuntu24.04_all.deb
```

```
sudo dpkg -i zabbix-release_6.4-1+ubuntu24.04_all.deb
```

```
sudo apt update
```

2 Installer l'agent

```
sudo apt install zabbix-agent2 -y
```

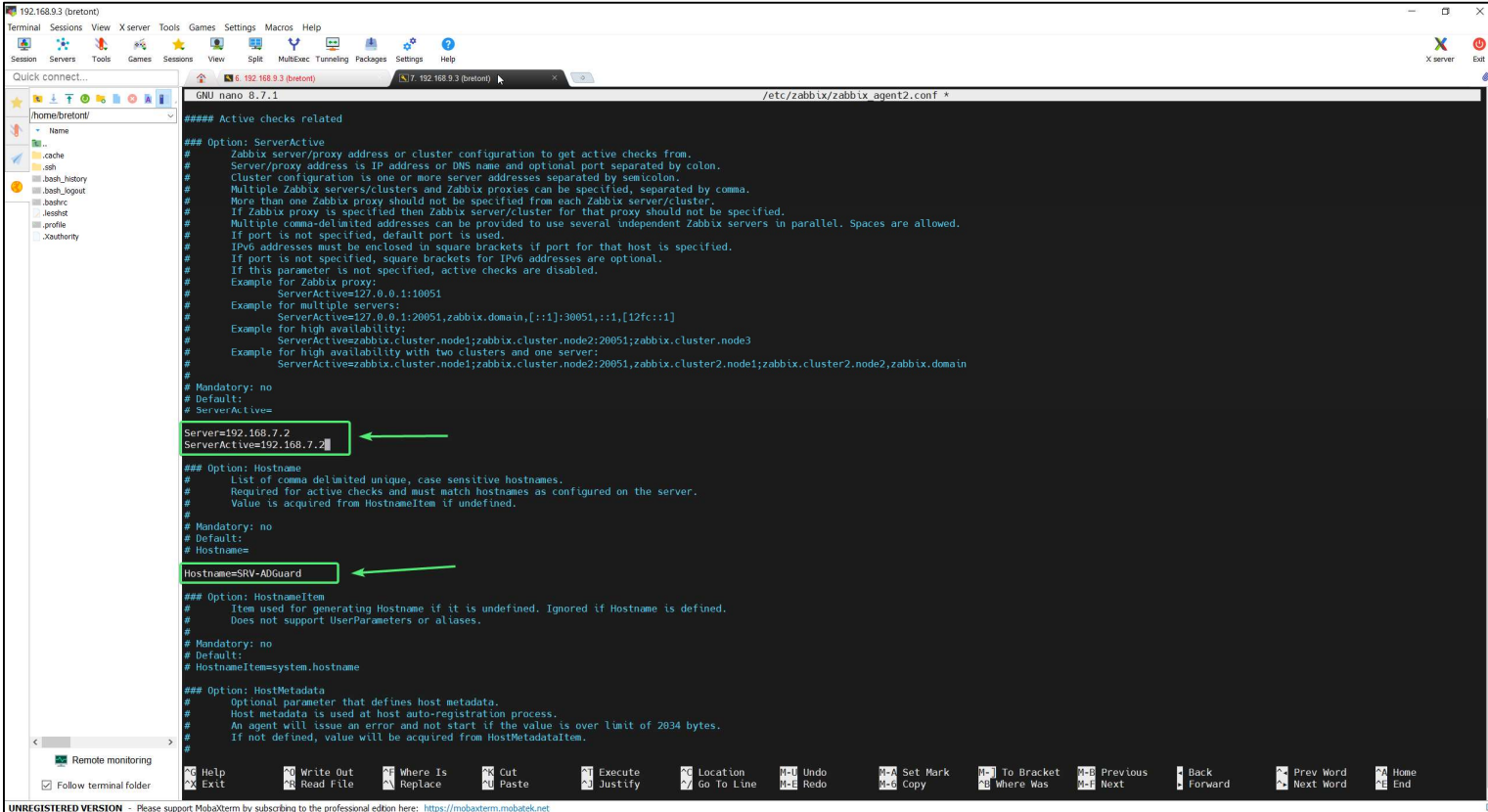
3 Configuration de l'agent en modifiant le fichier

```
sudo nano /etc/zabbix/zabbix_agent2.conf
```

Server=192.168.1.X # IP de ton serveur Zabbix

ServerActive=192.168.1.X # IP de ton serveur Zabbix

Hostname=Ubuntu-Docker # Nom que tu veux donner à ce serveur



```
##### Active checks related
## Option: ServerActive
# Zabbix server/proxy address or cluster configuration to get active checks from.
# Server/proxy address is IP address or DNS name and optional port separated by colon.
# Cluster configuration is one or more server addresses separated by semicolon.
# Multiple Zabbix servers/clusters and Zabbix proxies can be specified, separated by comma.
# More than one Zabbix proxy should not be specified from each Zabbix server/cluster.
# If Zabbix proxy is specified then Zabbix server/cluster for that proxy should not be specified.
# Multiple comma-delimited addresses can be provided to use several independent Zabbix servers in parallel. Spaces are allowed.
# If port is not specified, default port is used.
# IPv6 addresses must be enclosed in square brackets if port for that host is specified.
# If port is not specified, square brackets for IPv6 addresses are optional.
# If this parameter is not specified, active checks are disabled.
# Example for Zabbix proxy:
# ServerActive=127.0.0.1:10051
# Example for multiple servers:
# ServerActive=127.0.0.1:20051;zabbix.domain,[::1]:30051,::1,[12fc::1]
# Example for high availability:
# ServerActive=zabbix.cluster.node1;zabbix.cluster.node2:20051;zabbix.cluster.node3
# Example for high availability with two clusters and one server:
# ServerActive=zabbix.cluster.node1;zabbix.cluster.node2:20051;zabbix.cluster2.node1;zabbix.cluster2.node2;zabbix.domain
# Mandatory: no
# Default:
# ServerActive=

Server=192.168.7.2
ServerActive=192.168.7.2

## Option: Hostname
# List of comma delimited unique, case sensitive hostnames.
# Required for active checks and must match hostnames as configured on the server.
# Value is acquired from HostnameItem if undefined.
# Mandatory: no
# Default:
# Hostname=

Hostname=SRV-ADGuard

## Option: HostnameItem
# Item used for generating Hostname if it is undefined. Ignored if Hostname is defined.
# Does not support UserParameters or aliases.
# Mandatory: no
# Default:
# HostnameItem=system.hostname

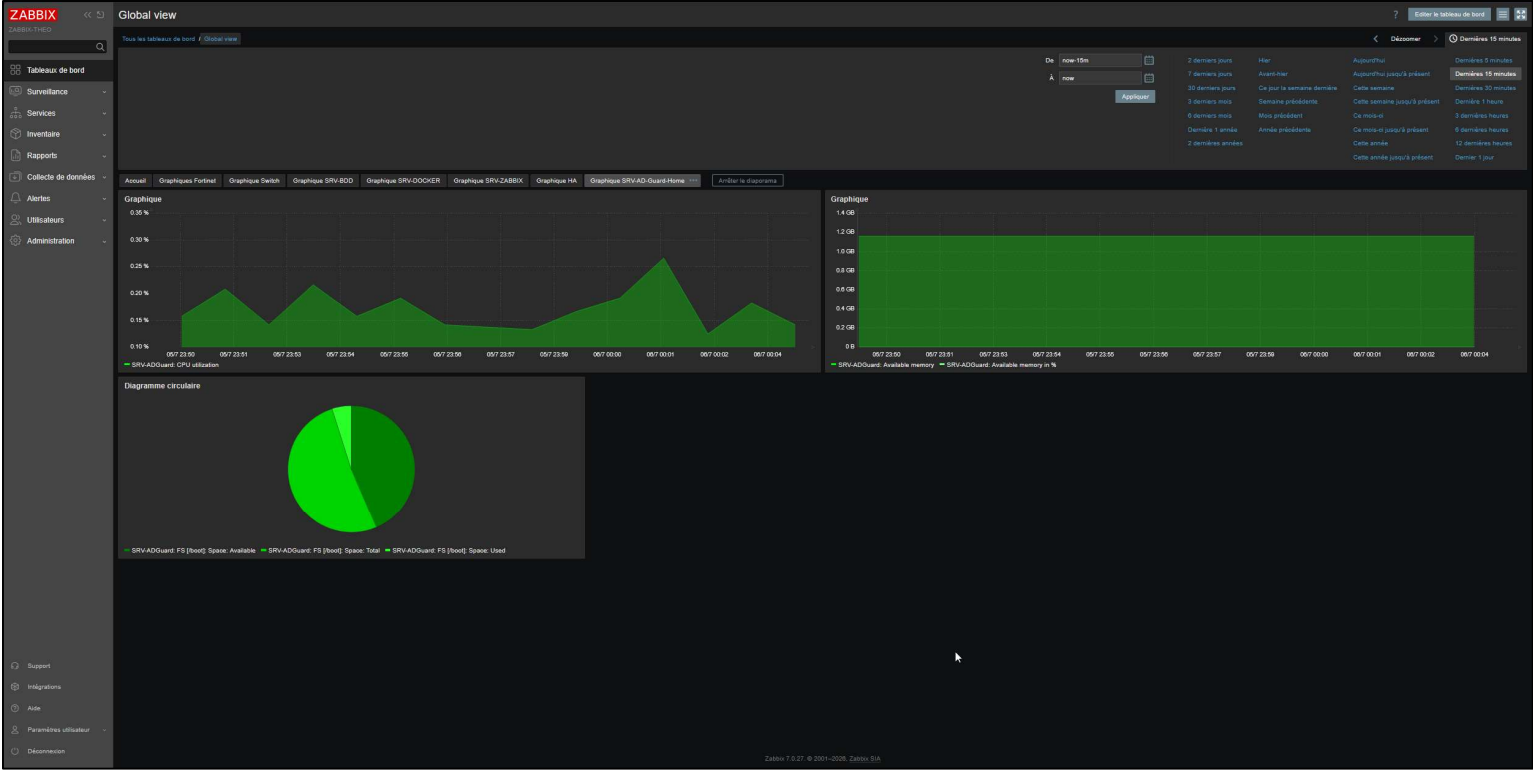
## Option: HostMetadata
# Optional parameter that defines host metadata.
# Host metadata is used at host auto-registration process.
# An agent will issue an error and not start if the value is over limit of 2034 bytes.
# If not defined, value will be acquired from HostMetadataItem.
```

4 Redémarrage et activation du service

```
sudo systemctl restart zabbix-agent2
sudo systemctl enable zabbix-agent2
sudo systemctl status zabbix-agent2
```

The screenshot shows the Zabbix web interface. A modal window for editing a host is open. The host name is 'SRV-ADGuard'. The visible name is 'SRV-ADGuard'. The model is 'Linux by Zabbix agent'. The group is 'SRV-THEO X'. The interface is 'Agent 192.168.9.3' with protocols 'IP' and 'DNS' on port '10050'. The description is empty. The 'Surveillance par' section shows 'Actif' checked. The background shows a list of hosts and a sidebar with navigation options.

The screenshot shows the Zabbix web interface dashboard. The main dashboard displays various metrics: Top hosts by CPU utilization, Hosts problematic, Information système, Carte géographique, and Carte. The 'Top hosts by CPU utilization' table shows hosts like 'Zabbix server', 'Ubuntu Docker', 'Fortigate-40C', 'SRV-BDD', and 'Switch-2960-C'. The 'Hosts problematic' table shows hosts with problems. The 'Information système' section shows system parameters. The 'Carte géographique' shows a map of the location. The 'Carte' section shows a network diagram.



Etape 9 : Test du bloqueur de pub

The image shows a news website layout. At the top is a navigation bar with links like 'Menu', 'Calendrier', 'Coupe du monde', 'International', 'Planète', 'Politique', 'Société', 'Économie', 'Idées', 'Culture', 'Le Goût du Monde', 'Sciences', 'Sport', and 'Pixels'. A 'S'abonner' button is on the right. The main content area features several news articles. A green box highlights a 'Publicité' placeholder at the top, with a green checkmark and an arrow pointing to it. Below the placeholder, there are news articles with headlines like 'Incendies : évacuation de 10 000 personnes dans les Pyrénées-Orientales, 540 hectares brûlés dans le Gard, plus de 300 pompiers mobilisés dans la Drôme...' and 'Les « châteaux cathares », une belle légende abandonnée pour l'entrée des forteresses royales du Languedoc au Patrimoine mondial de l'Unesco'. A 'Météo du climat' section is also visible. At the bottom, there's a 'LA SUITE APRÈS CETTE PUBLICITÉ' placeholder, also highlighted with a green box and a green checkmark with an arrow.

