

Déploiement WikiJS et accompagnement des utilisateurs

INSTALLATION WIKI

```
localhost login: root
Password:
Last failed login: Fri Sep 27 11:17:44 EDT 2024 on tty1
There was 1 failed login attempt since the last successful login.
[root@localhost ~]# sudo groupadd --system wiki
[root@localhost ~]# sudo useradd -s /sbin/nologin --system -g wiki wiki
[root@localhost ~]# yum install epel-release
Rocky Linux 9 - BaseOS [=====
```

```
[root@localhost ~]# yum install -y git vim wget curl unzip socat
mariadb-server nodejs nginx redis
Extra Packages for Enterprise Linux 9 - x86_64 6.8 MB/s | 23 MB 00:03
```

```
[root@localhost ~]# wget https://github.com/Requarks/wiki/releases/latest/download/wiki-js.tar.gz
--2024-09-27 10:00:31-- https://github.com/Requarks/wiki/releases/latest/download/wiki-js.tar.gz
Resolving github.com (github.com)... 64:ff9b::8c52:7903, 140.82.121.3
Connecting to github.com (github.com)|64:ff9b::8c52:7903|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://github.com/Requarks/wiki/releases/download/v2.5.304/wiki-js.tar.gz [following]
--2024-09-27 10:00:31-- https://github.com/Requarks/wiki/releases/download/v2.5.304/wiki-js.tar.gz
Reusing existing connection to [github.com]:443.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/65848095/094b91f5-d368-46ba-8f21-46290e67b902?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=releaseassetproduction%2F20240927%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20240927T140032Z&X-Amz-Expires=300&X-Amz-Signature=c54247209ea75994b89405c5fc406b64bb310b9840ba3457ef4bd97753afcd0f&X-Amz-SignedHeaders=host&response-content-disposition=attachment%3B%20filename%3Dwiki-js.tar.gz&response-content-type=application%2Foctet-stream [following]
--2024-09-27 10:00:32-- https://objects.githubusercontent.com/github-production-release-asset-2e65be/65848095/094b91f5-d368-46ba-8f21-46290e67b902?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=releaseassetproduction%2F20240927%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20240927T140032Z&X-Amz-Expires=300&X-Amz-Signature=c54247209ea75994b89405c5fc406b64bb310b9840ba3457ef4bd97753afcd0f&X-Amz-SignedHeaders=host&response-content-disposition=attachment%3B%20filename%3Dwiki-js.tar.gz&response-content-type=application%2Foctet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 64:ff9b::b9c7:6d85, 64:ff9b::b9c7:6e85, 64:ff9b::b9c7:6f85, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|64:ff9b::b9c7:6d85|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 80481469 (77M) [application/octet-stream]
Saving to: `wiki-js.tar.gz'

wiki-js.tar.gz 31%[=====>] 24.53M 5.89MB/s eta 9s
```

```
[root@localhost ~]# mkdir wiki
[root@localhost ~]# tar xzf wiki-js.tar.gz -C ./wiki
-bash: tar: command not found
[root@localhost ~]# tar xzf wiki-js.tar.gz -C ./wiki cd ./wiki
-bash: tar: command not found
[root@localhost ~]# dnf install tar
Last metadata expiration check: 0:04:08 ago on Fri Sep 27 09:58:05 2024.
Dependencies resolved.
=====
Package                Architecture      Version           Repository        Size
=====
Installing:
tar                    x86_64            2:1.34-6.el9_4.1 baseos             876 k
Transaction Summary
=====
Install 1 Package

Total download size: 876 k
Installed size: 3.0 M
```

```
[root@localhost ~]# tar xzf wiki-js.tar.gz -C ./wiki
[root@localhost ~]# █
```

```
[root@localhost ~]# cd ./wiki
[root@localhost wiki]# █
```

```
[root@localhost wiki]# systemctl start mariadb mysql_secure_installation
Failed to start mariadb.service: Unit mariadb.service not found.
Failed to start mysql_secure_installation.service: Unit mysql_secure_installation.service not found.
[root@localhost wiki]# dnf install mariadb
Last metadata expiration check: 0:07:13 ago on Fri Sep 27 09:58:05 2024.
Dependencies resolved.
=====
Package                Architecture      Version           Repository        Size
=====
Installing:
mariadb                x86_64            3:10.5.22-1.el9_2 appstream         1.6 M
Installing dependencies:
mariadb-common         x86_64            3:10.5.22-1.el9_2 appstream         27 k
mariadb-connector-c    x86_64            3.2.6-1.el9_0    appstream         195 k
mariadb-connector-c-config noarch           3.2.6-1.el9_0    appstream         9.8 k
perl-Sys-Hostname      x86_64            1.23-481.el9     appstream         16 k
Transaction Summary
=====
Install 5 Packages

Total download size: 1.8 M
Installed size: 19 M
```

```
i All done! If you've completed all of the above steps, your MariaDB
i installation should now be secure.

n Thanks for using MariaDB!
l [root@localhost wiki]# y
a -bash: y: command not found
i [root@localhost wiki]# system enable --now mariadb
i -bash: system: command not found
i [root@localhost wiki]# systemctl enable --now mariadb
i Created symlink /etc/systemd/system/mysql.service → /usr/lib/systemd/system/mari
tadb.service.
0 Created symlink /etc/systemd/system/mysqld.service → /usr/lib/systemd/system/mar
0 iadb.service.
0 Created symlink /etc/systemd/system/multi-user.target.wants/mariadb.service → /u
0 sr/lib/systemd/system/mariadb.service.
0 [root@localhost wiki]#
```

```
[root@localhost ~]# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 10.5.22-MariaDB MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> _
```

```
root@localhost:~
login as: root
root@172.20.10.2's password:
Last login: Fri Oct 4 08:57:14 2024
[root@localhost ~]# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 4
Server version: 10.5.22-MariaDB MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database database_name;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> grant all privileges on database_name.* to 'wiki'@'localhost';
Query OK, 0 rows affected (0.002 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]>
```

```
MariaDB [(none)]> show databases;
+-----+
| Database          |
+-----+
| database_name     |
| information_schema|
| mysql             |
| performance_schema|
+-----+
4 rows in set (0.003 sec)
```

```
MariaDB [(none)]> show grants for 'wiki'@'localhost';
+-----+
| Grants for wiki@localhost
+-----+
| GRANT USAGE ON *.* TO `wiki`@`localhost` IDENTIFIED BY PASSWORD '*C0AD2B9E68C045E8F8DFDF291B516027F10FB114' |
| GRANT ALL PRIVILEGES ON `database_name`.* TO `wiki`@`localhost`
+-----+
2 rows in set (0.000 sec)

MariaDB [(none)]> █
```

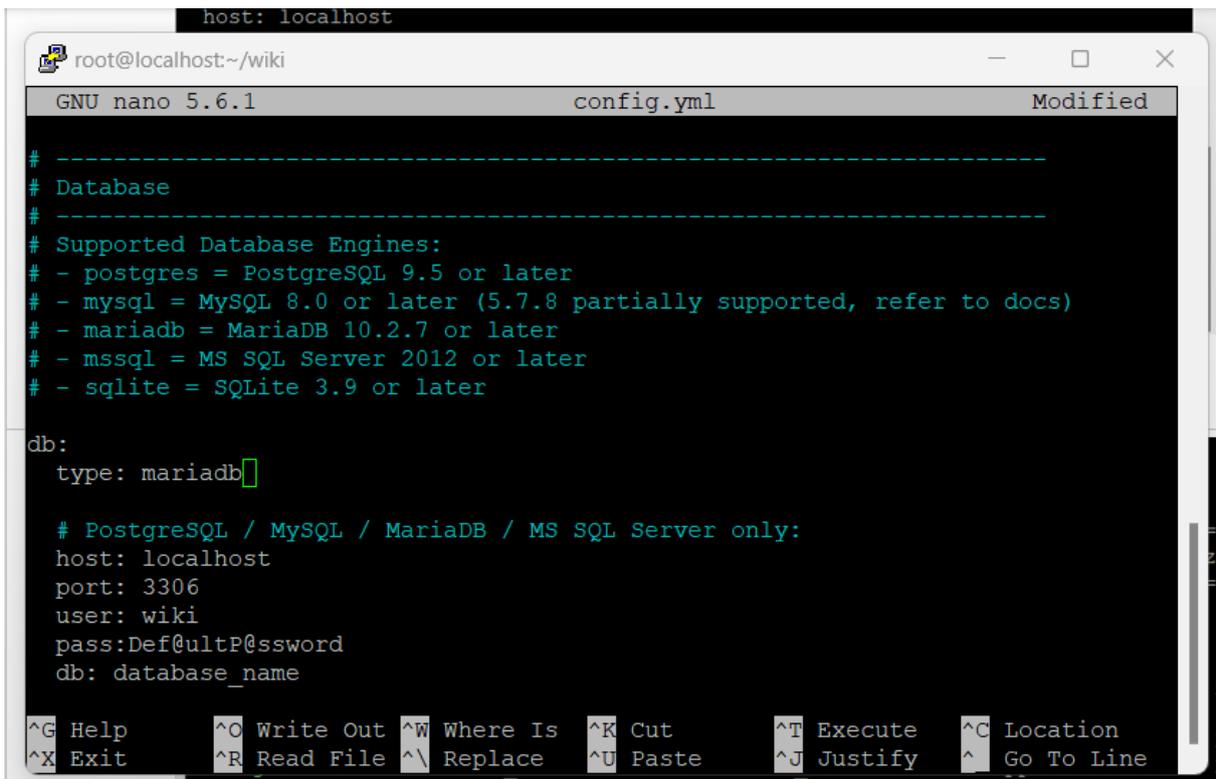
```
[root@localhost ~]# sudo systemctl enable --now redis
Failed to enable unit: Unit file redis.service does not exist.
[root@localhost ~]# dnf install redis
Extra Packages for Enterprise Linux 9 - x86_64 74 kB/s | 28 kB 00:00
Extra Packages for E 37% [=====] 1.6 MB/s | 8.4 MB 00:09 ETA
```

```
[root@localhost ~]# sudo systemctl enable --now redis
Created symlink /etc/systemd/system/multi-user.target.wants/redis.service → /usr/lib/systemd/system/redis.service.
[root@localhost ~]# █
```

```
[root@localhost ~]# systemctl status redis
● redis.service - Redis persistent key-value database
   Loaded: loaded (/usr/lib/systemd/system/redis.service; enabled; vendor pre>
   Drop-In: /etc/systemd/system/redis.service.d
           └─limit.conf
   Active: active (running) since Fri 2024-10-04 09:11:16 EDT; 1min 26s ago
   Main PID: 1748 (redis-server)
   Status: "Ready to accept connections"
   Tasks: 5 (limit: 22951)
   Memory: 7.3M
   CPU: 120ms
   CGroup: /system.slice/redis.service
           └─1748 "/usr/bin/redis-server 127.0.0.1:6379"

Oct 04 09:11:16 localhost.localdomain systemd[1]: Starting Redis persistent key>
Oct 04 09:11:16 localhost.localdomain systemd[1]: Started Redis persistent key->
```

```
[root@localhost ~]# cp config.sample.yml config.yml
cp: cannot stat 'config.sample.yml': No such file or directory
[root@localhost ~]# cd wiki
[root@localhost wiki]# cp config.sample.yml config.yml
[root@localhost wiki]#
```



```
host: localhost
root@localhost:~/wiki
GNU nano 5.6.1 config.yml Modified
# -----
# Database
# -----
# Supported Database Engines:
# - postgres = PostgreSQL 9.5 or later
# - mysql = MySQL 8.0 or later (5.7.8 partially supported, refer to docs)
# - mariadb = MariaDB 10.2.7 or later
# - mssql = MS SQL Server 2012 or later
# - sqlite = SQLite 3.9 or later

db:
  type: mariadb

# PostgreSQL / MySQL / MariaDB / MS SQL Server only:
host: localhost
port: 3306
user: wiki
pass:Def@ultP@ssword
db: database_name

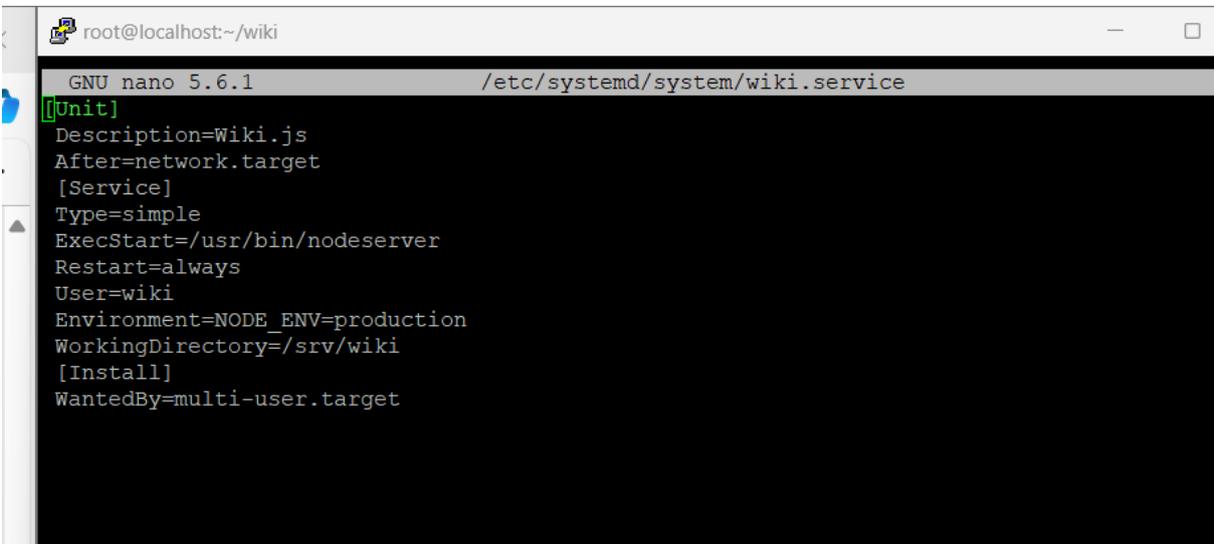
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line
```



```
[root@localhost wiki]# dnf install firewalld
Last metadata expiration check: 0:25:51 ago on Fri Oct 4 09:43:28 2024.
Package firewalld-1.1.1-3.el9.noarch is already installed.
Dependencies resolved.
=====
Package                Architecture    Version           Repository        Size
=====
Upgrading:
  firewalld             noarch         1.3.4-1.el9      baseos            450 k
  firewalld-filesystem noarch         1.3.4-1.el9      baseos            8.3 k
  python3-firewall      noarch         1.3.4-1.el9      baseos            348 k
=====
Transaction Summary
=====
Upgrade 3 Packages

Total download size: 806 k
```

```
[root@localhost wiki]# firewall-cmd --add-port=3000/tcp --permanent
success
[root@localhost wiki]# firewall-cmd --reload
success
[root@localhost wiki]#
```



```
root@localhost:~/wiki
GNU nano 5.6.1 /etc/systemd/system/wiki.service
[Unit]
Description=Wiki.js
After=network.target
[Service]
Type=simple
ExecStart=/usr/bin/nodeserver
Restart=always
User=wiki
Environment=NODE_ENV=production
WorkingDirectory=/srv/wiki
[Install]
WantedBy=multi-user.target
```

```
[root@localhost ~]# mkdir /srv/wiki
[root@localhost ~]# chown -R wiki:wiki /srv/wiki
[root@localhost ~]# systemctl daemon-reload
[root@localhost ~]# systemctl enable --now
Too few arguments.
[root@localhost ~]# systemctl enable --now wiki.service
Created symlink /etc/systemd/system/multi-user.target.wants/wiki.service → /etc/systemd/system/wiki.service.
[root@localhost ~]#
```

```
[root@localhost wiki]# systemctl start wiki.service
[root@localhost wiki]# systemctl status wiki.service
● wiki.service - Wiki.js
   Loaded: loaded (/etc/systemd/system/wiki.service; enabled; vendor preset: disabled)
   Active: active (running) since Fri 2024-10-04 10:28:39 EDT; 8s ago
 Main PID: 3194 (node)
    Tasks: 11 (limit: 22951)
   Memory: 72.1M
      CPU: 1.132s
   CGroup: /system.slice/wiki.service
           └─3194 /usr/bin/node server

Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.367Z [MASTER] warn: DB
Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.367Z [MASTER] info: St
Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.509Z [MASTER] info: St
Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.509Z [MASTER] info: HT
Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.516Z [MASTER] info: HT
Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.516Z [MASTER] info: v
Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.517Z [MASTER] info:
Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.517Z [MASTER] info: Br
Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.517Z [MASTER] info:
Oct 04 10:28:40 localhost.localdomain node[3194]: 2024-10-04T14:28:40.517Z [MASTER] info: Δ
lines 1-20/20 (END)
```



 You are about to install Wiki.js 2.5.304.

ADMINISTRATOR ACCOUNT

The email address of the administrator account.

At least 8 characters long.

0 / 255

Verify your password again.

0 / 255

SITE URL

Full URL to your wiki, without the trailing slash (e.g. https://wiki.example.com). This should be the public facing URL, not the



⚠ EACCES: permission denied, mkdir '/srv/wiki/data/cache'

ADMINISTRATOR ACCOUNT

```
[root@localhost wiki]# mkdir /srv/wiki/data/cache  
[root@localhost wiki]# mkdir /srv/wiki/data/uploads  
[root@localhost wiki]# █
```

172.20.10.2 x | 172.20.10.2 x | Welcome | Wiki.js x + - □ ×

← → ↻ ⚠ Non sécuri: 172.20.10... 🔑 📄 ☆ 📁 | (K) Nouvelle version de Chrome disponible ⋮

Wiki.js

Welcome to your wiki!

Let's get started and create the home page.

[+ CREATE HOME PAGE](#) [ADMINISTRATION](#)

Wiki.js EXIT

Dashboard

Site

- General
- Locale
- Navigation
- Pages 0
- Tags 0
- Theme

Users

- Groups 2
- Users 2**

Modules

- Analytics

Users

Manage users Refresh + NEW USER

Search Users... All Providers

ID	Name	Email	Provider
1	Administrator	admin@admin.fr	Local
2	Guest	guest@example.com	Local

Server AD

Windows Server 2019 - VMware Workstation

File Edit View VM Tabs Help   

Home  **Windows Server 2019** 

Windows Server 2019

 [Power on this virtual machine](#)

 [Edit virtual machine settings](#)

▼ **Devices**

 Memory	4 GB
 Processors	2
 Hard Disk (NVMe)	60 GB
 CD/DVD (SATA)	Using file C:\Use...
 Network Adapter	NAT
 USB Controller	Present
 Sound Card	Auto detect
 Display	Auto detect

▶ **Description**





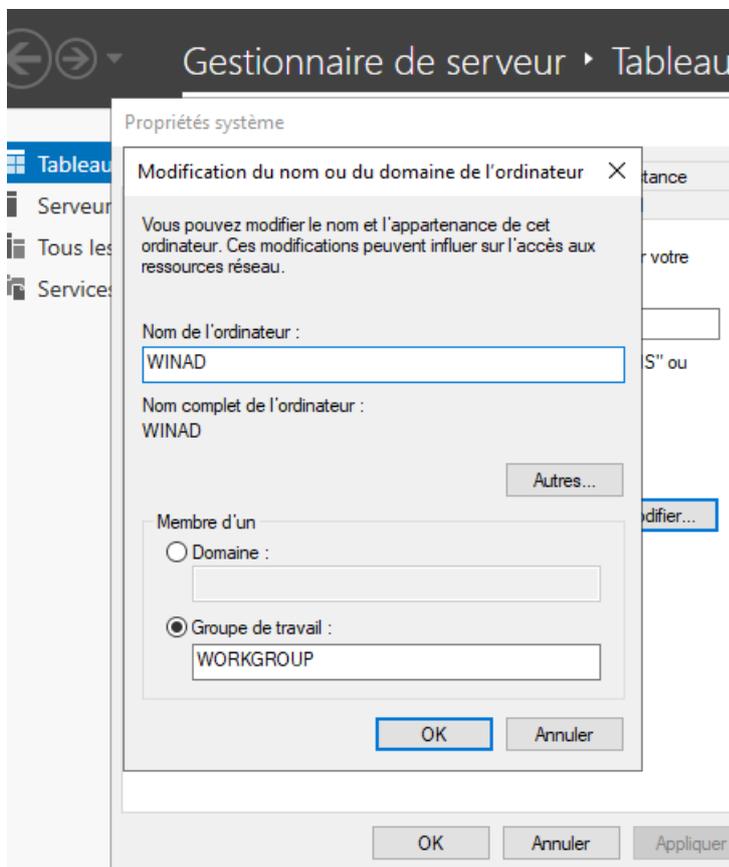
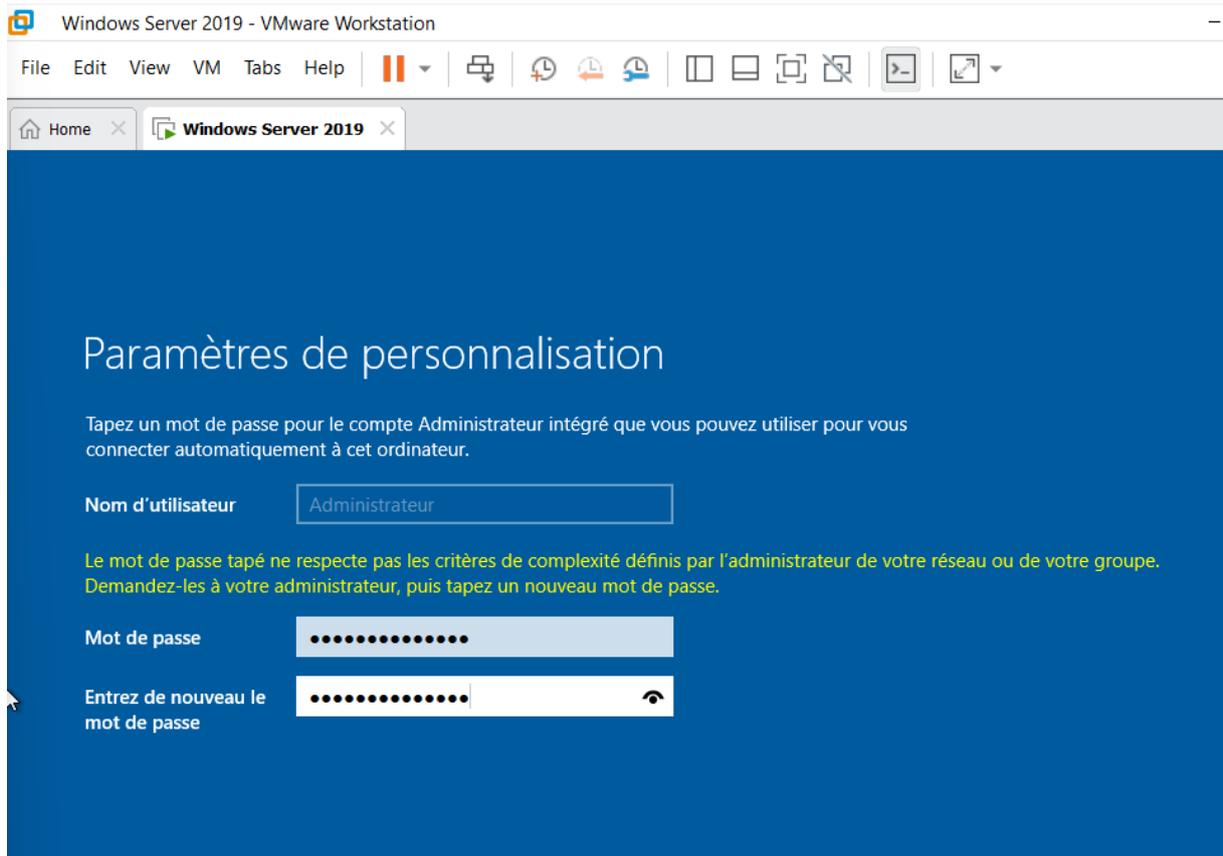
Sélectionner le système d'exploitation à installer

Système d'exploitation	Architecture	Date de modi...
Windows Server 2019 Standard	x64	05/11/2022
Windows Server 2019 Standard (expérience de bureau)	x64	05/11/2022
Windows Server 2019 Datacenter	x64	05/11/2022
Windows Server 2019 Datacenter (expérience de bureau)	x64	05/11/2022

Description :

Cette option installe l'environnement graphique Windows complet, qui utilise de l'espace disque supplémentaire. Il peut être utile si vous souhaitez utiliser le bureau Windows ou une application qui en a besoin.

Suivant



Sélectionner des rôles de serveurs

SERVEUR DE DESTINATION
WINAD

- Avant de commencer
- Type d'installation
- Sélection du serveur
- Rôles de serveurs**
- Fonctionnalités
- AD DS
- Confirmation
- Résultats

Sélectionnez un ou plusieurs rôles à installer sur le serveur sélectionné.

Rôles

- Accès à distance
- Attestation d'intégrité de l'appareil
- Hyper-V
- Serveur de télécopie
- Serveur DHCP
- Serveur DNS
- Serveur Web (IIS)
- Service Guardian hôte
- Services AD DS**
- Services AD LDS (Active Directory Lightweight Dire
- Services AD RMS (Active Directory Rights Manage
- Services Bureau à distance
- Services d'activation en volume
- Services d'impression et de numérisation de docur
- Services de certificats Active Directory
- Services de déploiement Windows
- Services de fédération Active Directory (AD FS)
- Services de fichiers et de stockage (1 sur 12 install
- Services de stratégie et d'accès réseau

Description

Les services de domaine Active Directory (AD DS) stockent des informations à propos des objets sur le réseau et rendent ces informations disponibles pour les utilisateurs et les administrateurs du réseau. Les services AD DS utilisent les contrôleurs de domaine pour donner aux utilisateurs du réseau un accès aux ressources autorisées n'importe où sur le réseau via un processus d'ouverture de session unique.

< Précédent

Suivant >

Installer

Annuler

Progression de l'installation

SERVEUR DE DESTINATION
WINAD

Avant de commencer

Type d'installation

Sélection du serveur

Rôles de serveurs

Fonctionnalités

AD DS

Confirmation

Résultats

Afficher la progression de l'installation



Démarrage de l'installation

Gestion de stratégie de groupe

Outils d'administration de serveur distant

Outils d'administration de rôles

Outils AD DS et AD LDS

Module Active Directory pour Windows PowerShell

Outils AD DS

Centre d'administration Active Directory

Composants logiciels enfichables et outils en ligne de commande AD DS

Services AD DS



Vous pouvez fermer cet Assistant sans interrompre les tâches en cours d'exécution. Examinez leur progression ou rouvrez cette page en cliquant sur Notifications dans la barre de commandes, puis sur Détails de la tâche.

[Exporter les paramètres de configuration](#)

< Précédent

Suivant >

Installer

Annuler

Configuration de déploiement

SERVEUR CIBLE
WINAD

Configuration de déploie...

Options du contrôleur de...

Options supplémentaires

Chemins d'accès

Examiner les options

Vérification de la configur...

Installation

Résultats

Sélectionner l'opération de déploiement

 Ajouter un contrôleur de domaine à un domaine existant Ajouter un nouveau domaine à une forêt existante Ajouter une nouvelle forêt

Spécifiez les informations de domaine pour cette opération

Nom de domaine racine :

[En savoir plus sur les configurations de déploiement](#)

< Précédent

Suivant >

Installer

Annuler

Options du contrôleur de domaine

SERVEUR CIBLE
WINAD

Configuration de déploie...

Options du contrôleur de...

Options DNS

Options supplémentaires

Chemins d'accès

Examiner les options

Vérification de la configur...

Installation

Résultats

Sélectionner le niveau fonctionnel de la nouvelle forêt et du domaine racine

Niveau fonctionnel de la forêt : Windows Server 2016

Niveau fonctionnel du domaine : Windows Server 2016

Spécifier les fonctionnalités de contrôleur de domaine

 Serveur DNS (Domain Name System) Catalogue global (GC) Contrôleur de domaine en lecture seule (RODC)

Taper le mot de passe du mode de restauration des services d'annuaire (DSRM)

Mot de passe :

Confirmer le mot de passe :

[En savoir plus sur les options pour le contrôleur de domaine](#)

< Précédent

Suivant >

Installer

Annuler

Options supplémentaires

SERVEUR CIBLE
WINAD

Configuration de déploie...

Options du contrôleur de...

Options DNS

Options supplémentaires

Chemins d'accès

Examiner les options

Vérification de la configur...

Installation

Résultats

Vérifiez le nom NetBIOS attribué au domaine et modifiez-le si nécessaire.

Le nom de domaine NetBIOS : LAB

[En savoir plus sur d'autres options](#)

< Précédent

Suivant >

Installer

Annuler

Chemins d'accès

SERVEUR CIBLE
WINAD

Configuration de déploie...

Options du contrôleur de...

Options DNS

Options supplémentaires

Chemins d'accès

Examiner les options

Vérification de la configur...

Installation

Résultats

Spécifier l'emplacement de la base de données AD DS, des fichiers journaux et de SYSVOL

Dossier de la base de données : C:\Windows\NTDS ...

Dossier des fichiers journaux : C:\Windows\NTDS ...

Dossier SYSVOL : C:\Windows\SYSVOL ...

[En savoir plus sur les chemins d'accès Active Directory](#)

nnaire de serveur

Détails de la tâche Tous les serv...

Assistant Configuration des ser...

Chemins d'accès

SERVER CIBLE
WINAD

Installer

Annuler

Détails de la tâche Tous les serveurs

Assistant Configuration des services de domaine Active Directory

tmpDD29.tmp - Bloc-notes

Fichier Edition Format Affichage Aide

```
#  
# Script Windows PowerShell pour le déploiement d'AD DS  
#  
  
Import-Module ADDSDeployment  
Install-ADDSForest `   
-CreateDnsDelegation:$false `   
-DatabasePath "C:\Windows\NTDS" `   
-DomainMode "WinThreshold" `   
-DomainName "LAB.local" `   
-DomainNetbiosName "LAB" `   
-ForestMode "WinThreshold" `   
-InstallDns:$true `   
-LogPath "C:\Windows\NTDS" `   
-NoRebootOnCompletion:$false `   
-SysvolPath "C:\Windows\SYSVOL" `   
-Force:$true
```

Windows (CRLF)

Ln 1, Col 1

100%

Vérification de la configuration requise

SERVEUR CIBLE
WINAD

✓ Toutes les vérifications de la configuration requise ont donné satisfaction. Cliquez sur Installer pour comme... [Afficher plus](#) ×

- Configuration de déploie...
- Options du contrôleur de...
 - Options DNS
 - Options supplémentaires
 - Chemins d'accès
 - Examiner les options
 - Vérification de la configur...
 - Installation
 - Résultats

La configuration requise doit être validée avant que les services de domaine Active Directory soient installés sur cet ordinateur

[Réexécuter la vérification de la configuration requise](#)

⬆ Voir les résultats

- ⚠ Les contrôleurs de domaine Windows Server 2019 offrent un paramètre de sécurité par défaut nommé « Autoriser les algorithmes de chiffrement compatibles avec Windows NT 4.0 ». Ce paramètre empêche l'utilisation d'algorithmes de chiffrement faibles lors de l'établissement de sessions sur canal sécurisé.

Pour plus d'informations sur ce paramètre, voir l'article 942564 de la Base de connaissances (<http://go.microsoft.com/fwlink/?LinkId=104751>).
- ⚠ Cet ordinateur contient au moins une carte réseau physique pour laquelle aucune adresse IP statique n'a été attribuée à ses propriétés IP. Si IPv4 et IPv6 sont tous deux activés pour une carte réseau, vous devez attribuer des adresses IP statiques IPv4 et IPv6 à cette carte réseau.

⚠ Si vous cliquez sur Installer, le serveur redémarre automatiquement à l'issue de l'opération de promotion.

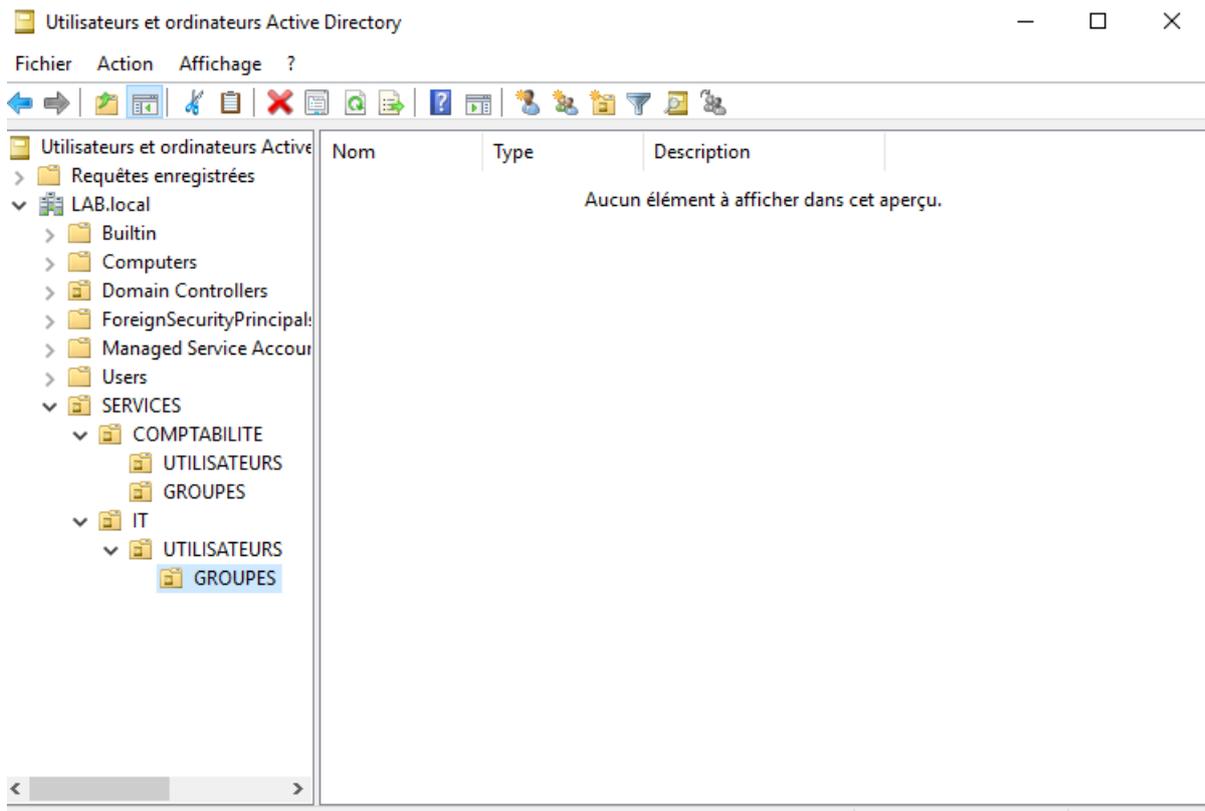
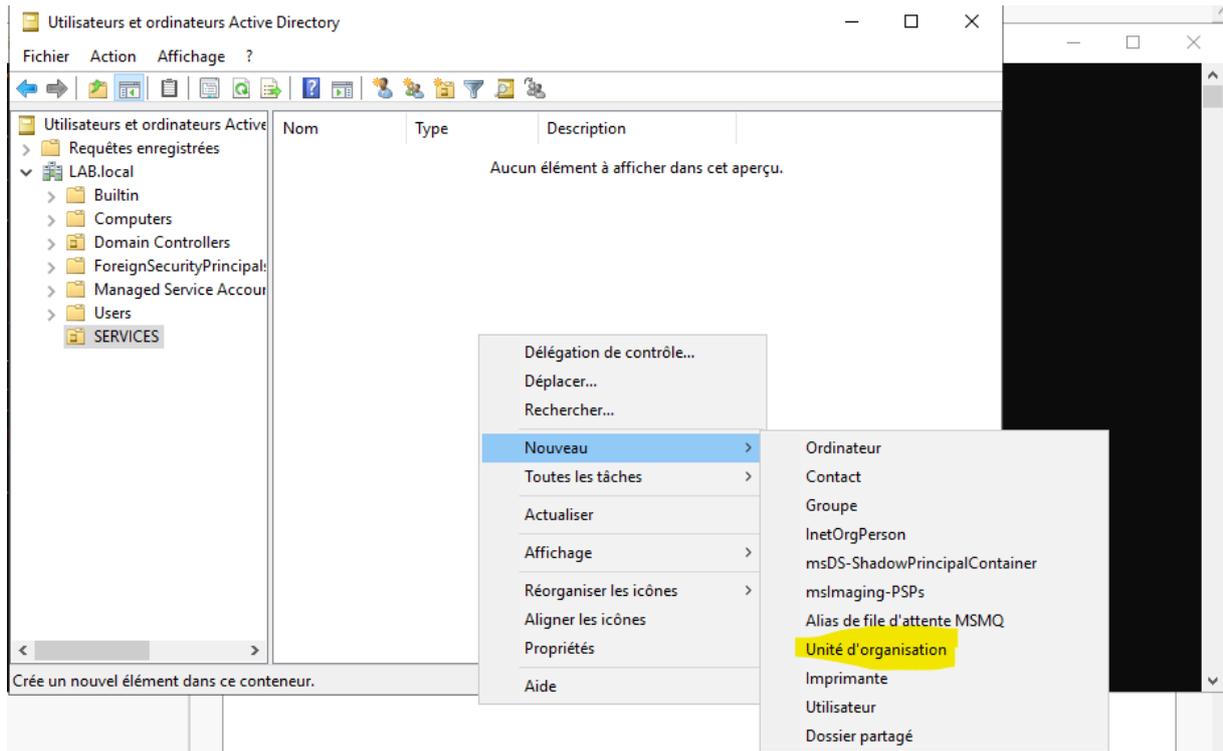
[En savoir plus sur les conditions préalables](#)

< Précédent Suivant > Installer Annuler



- Utilisateurs et ordinateurs Active Directory
- > Requetes enregistrées
- > LAB.local

Nom	Type	Description
Builtin	builtinDomain	
Computers	Conteneur	Default container for up...
Domain Con...	Unité d'organi...	Default container for do...
ForeignSecu...	Conteneur	Default container for sec...
Managed Se...	Conteneur	Default container for ma...
Users	Conteneur	Default container for up...





- Utilisateurs et ordinateurs Active Directory
- Requêtes enregistrées
- LAB.local
 - Builtin
 - Computers
 - Domain Controllers
 - ForeignSecurityPrincipal...
 - Managed Service Account...
 - SERVICES
 - COMPTABILITE
 - GROUPES
 - UTILISATEURS
 - IT
 - GROUPES
 - UTILISATEURS
 - Users

Nom	Type	Description
Stanislas Noir	Utilisateur	
Lucrèce Du...	Utilisateur	
Aaron Barbe...	Utilisateur	
Gaston Gau...	Utilisateur	



- Navigation
- Pages 0
- Tags 0
- Theme
- Users
 - Groups 2
 - Users 2
- Modules
 - Analytics
 - Authentication
 - Comments
 - Rendering
 - Search Engine
 - Storage

Active Strategies

- Local
Local Database
- Azure Active Directory
Azure Active Directory

+ ADD STRATEGY

Azure Active Directory (Azure Active Directory)

Azure Active Directory (Azure AD) is Microsoft's multi-tenant, cloud-based directory, and identity management service that combines core directory services, application access management, and identity protection into a single solution. <https://azure.microsoft.com/services/active-directory/>

Display Name: Azure Active Directory Active

Are users able to login using this strategy?

STRATEGY CONFIGURATION

- Identity Metadata Endpoint
- Client ID
- Cookie Encryption Key String

LDAP / Active Directory

[+ ADD STRATEGY](#)

T Display Name: Active
Are users able to login using this strategy?

The title shown to the end user for this authentication strategy.

STRATEGY CONFIGURATION

LDAP URL:
(e.g. ldap://serverhost:389 or ldaps://serverhost:636)

Admin Bind DN:
The distinguished name (dn) of the account used for binding.

Admin Bind Credentials:
The password of the account used above for binding.

Search Base:
The base DN from which to search for users.

Search Filter:
The query to use to match username. {{username}} must be present and will be interpolated with the user provided username when performing the search.

Users

Groups 2

Users 2

Modules

Analytics

Authentication

Comments

Rendering

Search Engine

Storage

REGISTRATION

Allow self-registration
Allow any user successfully authorized by the strategy to access the wiki.

▼
A list of domains authorized to register. The user email address domain must match one of these to gain access.

Assign to group: X ▼
Automatically assign new users to these groups.

Configuration Reference

Some strategies may require some configuration values to be set on your provider. These are provided for reference only

Groups + NEW GROUP

Manage groups and their permissions

✔ Group has been created successfully.

ID	Name	Users	Created	Last Updated	
1	Administrators	1	10/04/2024	10/04/2024	
2	Guests	1	10/04/2024	10/04/2024	
5	utilisateurs AD	0	Today at 4:12 PM	Today at 4:12 PM	



Dashboard

Site

General

Locale

Navigation

Pages 0

Tags 0

Theme

Users

Groups 3

Users 2

Modules

Analytics

Authentication

Edit



Group

utilisateurs

AD



UPDATE GROUP

SETTINGS PERMISSIONS PAGE RULES

CONTENT

read:pages

Can view pages, as specified in the Page Rules

write:pages

Can create / edit pages, as specified in the Page Rules

manage:pages

Can move existing pages as specified in the Page Rules

delete:pages

Can delete existing pages, as specified in the Page Rules

write:styles

Can insert CSS styles in pages, as specified in the Page Rules

Nextcloud

Installation de la dernière version de php sur une nouvelle vm rocky linux :

```
[root@device-39 ~]# dnf module list php
Last metadata expiration check: 0:02:05 ago on Fri Oct 18 22:49:40 2024.
Rocky Linux 9 - AppStream
Name           Stream          Profiles                               Summary
php            8.1             common [d], devel, minimal           PHP sc
php            8.2             common [d], devel, minimal           PHP sc

Hint: [d]default, [e]nabled, [x]disabled, [i]ninstalled
[root@device-39 ~]# dnf module enable php 8.2
Last metadata expiration check: 0:02:27 ago on Fri Oct 18 22:49:40 2024.
Argument 'php' matches 2 streams ('8.1', '8.2') of module 'php', but none of the streams are enabled or default
Unable to resolve argument php
Error: Problems in request:
missing groups or modules: 8.2
broken groups or modules: php
[root@device-39 ~]# dnf module enable php:8.2
Last metadata expiration check: 0:04:21 ago on Fri Oct 18 22:49:40 2024.
Dependencies resolved.
=====
Package                Architecture          Version                Repo
=====
Enabling module streams:
php                    8.2
Transaction Summary
=====
```

Installation des packages httpd php mariadb-server mariadb php-
{gd,pdo,xml,mbstring,zip,mysqlnd,opcache,json}

```

Home X Windows Server 2019 X Wiki X Rocky Linux 64-bit X
mariadb-server-utils-3:10.5.22-1.e19_2.x86_64
mod_lua-2.4.57-11.e19_4.1.x86_64
nginx-filesystem-1:1.20.1-16.e19_4.1.noarch
perl-AutoLoader-5.74-481.e19.noarch
perl-Carp-1.50-460.e19.noarch
perl-DBD-MariaDB-1.21-16.e19_0.x86_64
perl-Data-Dumper-2.174-462.e19.x86_64
perl-Digest-MD5-2.58-4.e19.x86_64
perl-Encode-4:3.08-462.e19.x86_64
perl-Exporter-5.74-461.e19.noarch
perl-File-Basename-2.85-481.e19.noarch
perl-File-Path-2.18-4.e19.noarch
perl-File-stat-1.09-481.e19.noarch
perl-Getopt-Long-1:2.52-4.e19.noarch
perl-HTTP-Tiny-0.076-462.e19.noarch
perl-IO-Socket-IP-0.41-5.e19.noarch
perl-IPC-Open3-1.21-481.e19.noarch
perl-Math-BigInt-1:1.9998.18-460.e19.noarch
perl-Mozilla-Ca-20200520-6.e19.noarch
perl-Net-SSLeay-1.92-2.e19.x86_64
perl-PathTools-3.78-461.e19.x86_64
perl-Pod-Perldoc-3.28.01-461.e19.noarch
perl-Pod-Usage-4:2.01-4.e19.noarch
perl-SelectSaver-1.02-481.e19.noarch
perl-Storable-1:3.21-460.e19.x86_64
perl-Sys-Hostname-1.23-481.e19.x86_64
perl-Term-Cap-1.17-460.e19.noarch
perl-Text-Tabs+Wrap-2013.0523-460.e19.noarch
perl-URI-5.09-3.e19.noarch
perl-constant-1.33-461.e19.noarch
perl-interpreter-4:5.32.1-481.e19.x86_64
perl-libs-4:5.32.1-481.e19.x86_64
perl-overload-1.31-481.e19.noarch
perl-parent-1:0.238-460.e19.noarch
perl-subst-1.03-481.e19.noarch
php-8.2.13-1.module+e19.4.0+20013+b017aa8e.x86_64
php-common-8.2.13-1.module+e19.4.0+20013+b017aa8e.x86_64
php-gd-8.2.13-1.module+e19.4.0+20013+b017aa8e.x86_64
php-mysqlnd-8.2.13-1.module+e19.4.0+20013+b017aa8e.x86_64
php-pdo-8.2.13-1.module+e19.4.0+20013+b017aa8e.x86_64
php-xml-8.2.13-1.module+e19.4.0+20013+b017aa8e.x86_64
python3-audit-3.1.2-2.e19.x86_64
python3-libsemanage-3.6-1.e19.x86_64
python3-setools-4.4.4-1.e19.x86_64
python3-logos-httpd-90.15-2.e19.noarch
mod_http2-2.0.26-2.e19_4.x86_64
mysql-selinux-1.0.10-1.e19.noarch
oniguruma-6.9.6-1.e19_5.0.1.x86_64
perl-B-1.00-481.e19.x86_64
perl-Class-Struct-0.66-481.e19.noarch
perl-DBI-1.643-9.e19.x86_64
perl-Digest-1.19-4.e19.noarch
perl-DynaLoader-1.47-481.e19.x86_64
perl-Errno-1.30-481.e19.x86_64
perl-Fcntl-1.13-481.e19.x86_64
perl-File-Copy-2.34-481.e19.noarch
perl-File-Temp-1:0.231.100-4.e19.noarch
perl-FileHandle-2.03-481.e19.noarch
perl-Getopt-Std-1.12-481.e19.noarch
perl-IO-1.43-481.e19.x86_64
perl-IO-Socket-SSL-2.073-1.e19.noarch
perl-MIME-Base64-3.16-4.e19.x86_64
perl-Math-Complex-1.59-481.e19.noarch
perl-NDBM-File-1.15-481.e19.x86_64
perl-POSIX-1.94-481.e19.x86_64
perl-Pod-Escapes-1:1.07-460.e19.noarch
perl-Pod-Simple-1:3.42-4.e19.noarch
perl-Scalar-List-Utils-4:1.56-461.e19.
perl-Socket-4:2.031-4.e19.x86_64
perl-Symbol-1.08-481.e19.noarch
perl-Term-ANSIColor-5.01-461.e19.noarch
perl-Text-ParseWords-3.30-460.e19.noarch
perl-Time-Local-2:1.300-7.e19.noarch
perl-base-2.27-481.e19.noarch
perl-if-0.60.800-481.e19.noarch
perl-libnet-3.13-4.e19.noarch
perl-mro-1.23-481.e19.x86_64
perl-overloading-0.02-481.e19.noarch
perl-podlators-1:4.14-460.e19.noarch
perl-vars-1.05-481.e19.noarch
php-cli-8.2.13-1.module+e19.4.0+20013+
php-fpm-8.2.13-1.module+e19.4.0+20013+
php-mbstring-8.2.13-1.module+e19.4.0+20
php-opcache-8.2.13-1.module+e19.4.0+20
php-pecl-zip-1.22.3-1.module+e19.4.0+20
policycoreutils-python-utils-3.6-2.1.e
python3-distro-1.5.0-7.e19.noarch
python3-policycoreutils-3.6-2.1.e19.no
python3-setuptools-53.0.0-12.e19_4.1.n
xml-common-0.6.3-58.e19.noarch
Complete!
[root@device-39 ~]#

```

Autoriser le processus httpd à écrire dans le répertoire apache :

```

Complete!
[root@device-39 ~]# setsebool -P httpd_unified on
[ 864.330555] SELinux: Converting 401 SID table entries...
[ 864.336424] SELinux: policy capability network_peer_controls=1
[ 864.337131] SELinux: policy capability open_perms=1
[ 864.337668] SELinux: policy capability extended_socket_class=1
[ 864.338151] SELinux: policy capability always_check_network=0
[ 864.338666] SELinux: policy capability cgroup_seclabel=1
[ 864.339121] SELinux: policy capability mmp_nosuid_transition=1
[ 864.339626] SELinux: policy capability genfs_seclabel_symlinks=1
[root@device-39 ~]#

```

Activation des services mariadb et httpd :

```

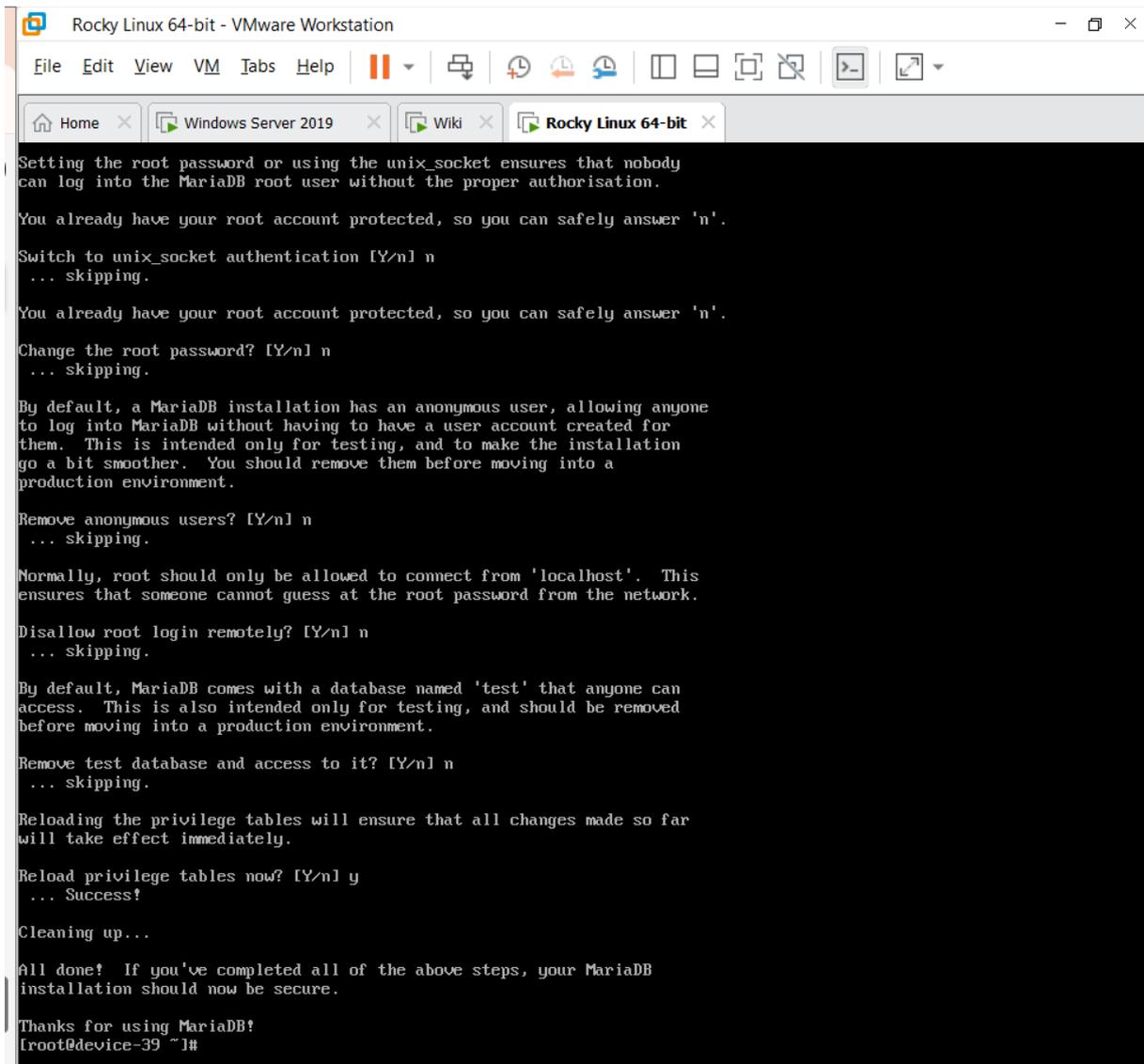
[root@device-39 ~]# systemctl enable --now httpd.service
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[ 938.531450] systemd-rc-local-generator[17129]: /etc/rc.d/rc.local is not marked executable, skipping.
[root@device-39 ~]# systemctl enable --now mariadb.service
Created symlink /etc/systemd/system/mysql.service → /usr/lib/systemd/system/mariadb.service.
Created symlink /etc/systemd/system/mysqld.service → /usr/lib/systemd/system/mariadb.service.
Created symlink /etc/systemd/system/multi-user.target.wants/mariadb.service → /usr/lib/systemd/system/mariadb.service.
[ 955.582271] systemd-rc-local-generator[17337]: /etc/rc.d/rc.local is not marked executable, skipping.
[root@device-39 ~]#

```

Ouverture du firewall :

```
[root@device-39 ~]# firewall-cmd --add-port=80/tcp --permanent
success
[root@device-39 ~]# firewall-cmd --reload
success
[root@device-39 ~]#
```

Mysql_secure_installation :



```
Rocky Linux 64-bit - VMware Workstation
File Edit View VM Tabs Help
Home x Windows Server 2019 x Wiki x Rocky Linux 64-bit x
Setting the root password or using the unix_socket ensures that nobody
can log into the MariaDB root user without the proper authorisation.

You already have your root account protected, so you can safely answer 'n'.

Switch to unix_socket authentication [Y/n] n
... skipping.

You already have your root account protected, so you can safely answer 'n'.

Change the root password? [Y/n] n
... skipping.

By default, a MariaDB installation has an anonymous user, allowing anyone
to log into MariaDB without having to have a user account created for
them. This is intended only for testing, and to make the installation
go a bit smoother. You should remove them before moving into a
production environment.

Remove anonymous users? [Y/n] n
... skipping.

Normally, root should only be allowed to connect from 'localhost'. This
ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] n
... skipping.

By default, MariaDB comes with a database named 'test' that anyone can
access. This is also intended only for testing, and should be removed
before moving into a production environment.

Remove test database and access to it? [Y/n] n
... skipping.

Reloading the privilege tables will ensure that all changes made so far
will take effect immediately.

Reload privilege tables now? [Y/n] y
... Success!

Cleaning up...

All done! If you've completed all of the above steps, your MariaDB
installation should now be secure.

Thanks for using MariaDB!
[root@device-39 ~]#
```

Backup du fichier de conf apache :

```
[root@device-39 ~]# cp /etc/httpd/conf/httpd.conf ~/httpd.conf.bkp
[root@device-39 ~]#
```

```
root@device-39 ~# dnf install wget
Last metadata expiration check: 0:24:56 ago on Fri Oct 18 22:49:40 2024.
Dependencies resolved.
=====
Package                Architecture          Version                Repos
=====
Installing:
  wget                  x86_64                1.21.1-8.e19_4        appst
Transaction Summary
=====
Install 1 Package

Total download size: 768 k
Installed size: 3.1 M
Is this ok [y/N]: y
```

```
root@device-39 ~# wget https://download.nextcloud.com/server/releases/latest.zip
--2024-10-18 23:16:16-- https://download.nextcloud.com/server/releases/latest.zip
Resolving download.nextcloud.com (download.nextcloud.com)... 2a01:4f8:210:21c8::145, 5.9.202.145
Connecting to download.nextcloud.com (download.nextcloud.com)|2a01:4f8:210:21c8::145|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 225053476 (215M) [application/zip]
Saving to: 'latest.zip'

latest.zip                50%[=====>
```

Accompagnement Utilisateurs :

Les profils utilisateurs sont créés en amont avec leurs droits respectifs. Les utilisateurs sont connectés de par leur profil sur l'Active Directory, leur facilitant ainsi la tâche.