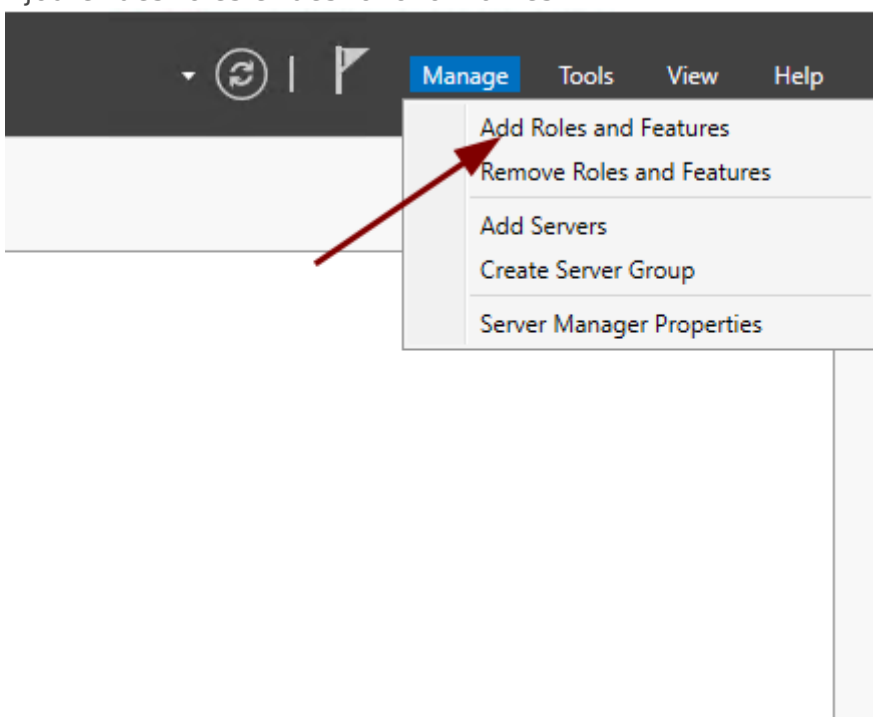


INSTALLATION

Installation d'un active Directory

Installation Manuelle:

1. Ouvrir le Server Manager
2. Ajouter des rôles et des fonctionnalités



Before you begin

DESTINATION SERV
AD-FRONT-01.kvega.io

Before You Begin

[Installation Type](#)[Server Selection](#)[Server Roles](#)[Features](#)[Confirmation](#)[Results](#)

This wizard helps you install roles, role services, or features. You determine which roles, role services, or features to install based on the computing needs of your organization, such as sharing documents, or hosting a website.

To remove roles, role services, or features:
[Start the Remove Roles and Features Wizard](#)

Before you continue, verify that the following tasks have been completed:

- The Administrator account has a strong password
- Network settings, such as static IP addresses, are configured
- The most current security updates from Windows Update are installed

If you must verify that any of the preceding prerequisites have been completed, close the wizard, complete the steps, and then run the wizard again.

To continue, click Next.

 Skip this page by default

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Install

Cancel

Select installation type

DESTINATION SERVER
AD-FRONT-01.kvega.local

Before You Begin

Installation Type

Server Selection

Server Roles

Features

Confirmation

Results

Select the installation type. You can install roles and features on a running physical computer or virtual machine, or on an offline virtual hard disk (VHD).

Role-based or feature-based installation

Configure a single server by adding roles, role services, and features.

Remote Desktop Services installation

Install required role services for Virtual Desktop Infrastructure (VDI) to create a virtual machine-based or session-based desktop deployment.

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Cancel

Select destination server

DESTINATION SERV
AD-FRONT-01.kvega.lo

Before You Begin

Installation Type

Server Selection

Server Roles

Features

Confirmation

Results

Select a server or a virtual hard disk on which to install roles and features.

- Select a server from the server pool
 Select a virtual hard disk

Server Pool

Filter:

| Name | IP Address | Operating System |
|-------------------------|---------------|--|
| AD-FRONT-01.kvega.local | 192.168.1.168 | Microsoft Windows Server 2022 Datacenter |

1 Computer(s) found

This page shows servers that are running Windows Server 2012 or a newer release of Windows Server and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.

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Select server roles

DESTINATION SERVER
AD-FRONT-01.kvega.loc

- Before You Begin
- Installation Type
- Server Selection
- Server Roles**
- Features
- AD DS
- DNS Server
- Confirmation
- Results

Select one or more roles to install on the selected server.

Roles

- Active Directory Certificate Services
- Active Directory Domain Services
- Active Directory Federation Services
- Active Directory Lightweight Directory Services
- Active Directory Rights Management Services
- Device Health Attestation
- DHCP Server
- DNS Server
- Fax Server
- ▶ File and Storage Services (1 of 12 installed)
- Host Guardian Service
- Hyper-V
- Network Controller
- Network Policy and Access Services
- Print and Document Services
- Remote Access
- Remote Desktop Services
- Volume Activation Services
- Web Server (IIS)
- Windows Deployment Services

Description

Domain Name System (DNS) Server provides name resolution for TCP/IP networks. DNS Server is easier to manage when it is installed on the same server as Active Directory Domain Services. If you select the Active Directory Domain Services role, you can install and configure DNS Server and Active Directory Domain Services to work together.

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Select features

DESTINATION SERV
AD-FRONT-01.kvega.loc

- Before You Begin
- Installation Type
- Server Selection
- Server Roles
- Features**
- AD DS
- DNS Server
- Confirmation
- Results

Select one or more features to install on the selected server.

Features

- .NET Framework 3.5 Features
- .NET Framework 4.8 Features (2 of 7 installed)
- Background Intelligent Transfer Service (BITS)
- BitLocker Drive Encryption
- BitLocker Network Unlock
- BranchCache
- Client for NFS
- Containers
- Data Center Bridging
- Direct Play
- Enhanced Storage
- Failover Clustering
- Group Policy Management
- Host Guardian Hyper-V Support
- I/O Quality of Service
- IIS Hostable Web Core
- Internet Printing Client
- IP Address Management (IPAM) Server
- LPR Port Monitor

Description

.NET Framework 3.5 combines the power of the .NET Framework 2.0 APIs with new technologies for building applications that offer appealing user interfaces, protect your customers' personal identity information, enable seamless and secure communication, and provide the ability to model a range of business processes.

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Active Directory Domain Services

DESTINATION SERVER
AD-FRONT-01.kvega.local[Before You Begin](#)[Installation Type](#)[Server Selection](#)[Server Roles](#)[Features](#)**AD DS**[DNS Server](#)[Confirmation](#)[Results](#)

Active Directory Domain Services (AD DS) stores information about users, computers, and other devices on the network. AD DS helps administrators securely manage this information and facilitates resource sharing and collaboration between users.

Things to note:

- To help ensure that users can still log on to the network in the case of a server outage, install a minimum of two domain controllers for a domain.
- AD DS requires a DNS server to be installed on the network. If you do not have a DNS server installed, you will be prompted to install the DNS Server role on this machine.



Azure Active Directory, a separate online service, can provide simplified identity and access management, security reporting, single sign-on to cloud and on-premises web apps.

[Learn more about Azure Active Directory](#)

[Configure Office 365 with Azure Active Directory Connect](#)

[< Previous](#)[Next >](#)[Install](#)[Cancel](#)

DNS Server

DESTINATION SERVER
AD-FRONT-01.kvega.local[Before You Begin](#)[Installation Type](#)[Server Selection](#)[Server Roles](#)[Features](#)[AD DS](#)[DNS Server](#)[Confirmation](#)[Results](#)

Domain Name System (DNS) provides a standard method for associating names with numeric Internet addresses. This makes it possible for users to refer to network computers by using easy-to-remember names instead of a long series of numbers. In addition, DNS provides a hierarchical namespace, ensuring that each host name will be unique across a local or wide-area network. Windows DNS service can be integrated with Dynamic Host Configuration Protocol (DHCP) services on Windows, eliminating the need to add DNS records as computers are added to the network.

Things to note:

- DNS server integration with Active Directory Domain Services automatically replicates DNS data along with other Directory Service data, making it easier to manage DNS.
- Active Directory Domain Services requires a DNS server to be installed on the network. If you are installing a domain controller, you can also install the DNS Server role using Active Directory Domain Services Installation Wizard by selecting the Active Directory Domain Services role.

[< Previous](#)[Next >](#)[Install](#)[Cancel](#)

Confirm installation selections

DESTINATION SERVER
AD-FRONT-01.kvega.local

Before You Begin

Installation Type

Server Selection

Server Roles

Features

AD DS

DNS Server

Confirmation

Results

To install the following roles, role services, or features on selected server, click Install.

 Restart the destination server automatically if required

Optional features (such as administration tools) might be displayed on this page because they have been selected automatically. If you do not want to install these optional features, click Previous to clear their check boxes.

DNS Server

Group Policy Management

Remote Server Administration Tools

Role Administration Tools

AD DS and AD LDS Tools

Active Directory module for Windows PowerShell

AD DS Tools

Active Directory Administrative Center

AD DS Snap-Ins and Command-Line Tools

DNS Server Tools

[Export configuration settings](#)[Specify an alternate source path](#)

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Install

Cancel

3. Attente de la fin d'installation

Installation progress

DESTINATION SERV
AD-FRONT-01.kvega.io

Before You Begin

Installation Type

Server Selection

Server Roles

Features


AD DS

DNS Server

Confirmation

Results

View installation progress

 Starting installation

Active Directory Domain Services

DNS Server

Group Policy Management

Remote Server Administration Tools

Role Administration Tools

AD DS and AD LDS Tools

Active Directory module for Windows PowerShell

AD DS Tools

Active Directory Administrative Center

AD DS Snap-Ins and Command-Line Tools

DNS Server Tools



You can close this wizard without interrupting running tasks. View task progress or open this page again by clicking Notifications in the command bar, and then Task Details.

[Export configuration settings](#)

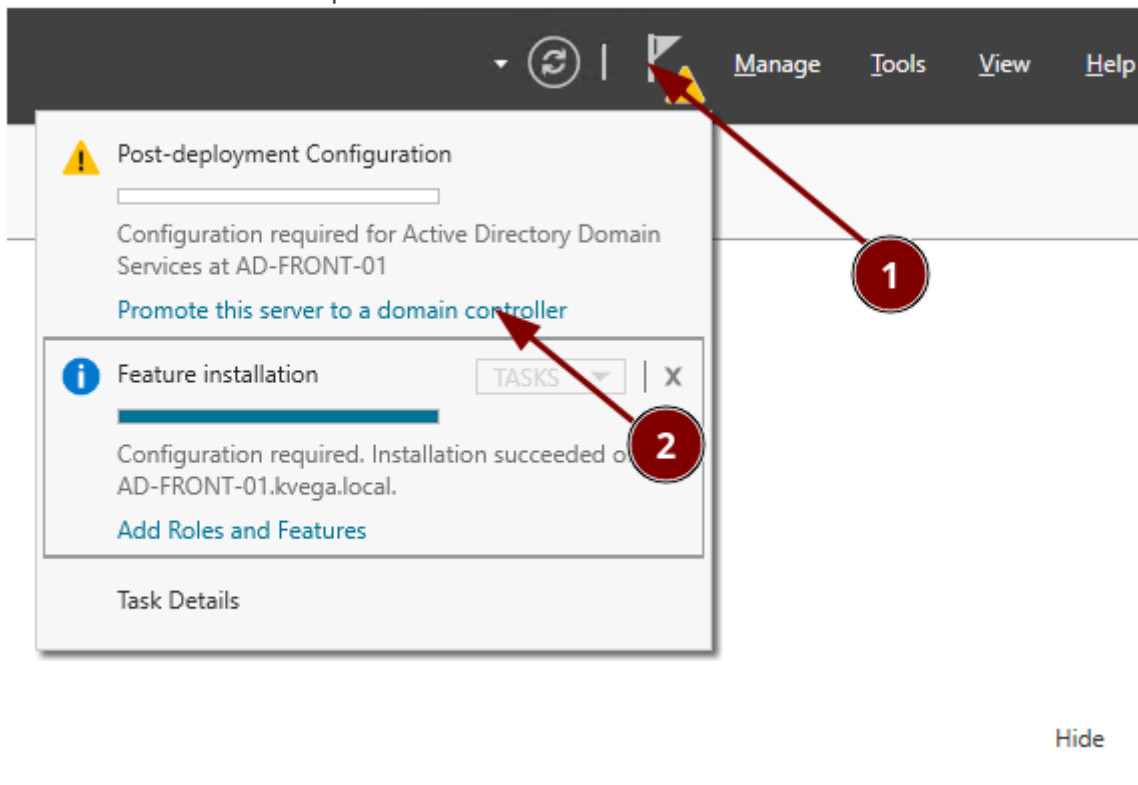
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Install

Cancel

4. Promouvoir le serveur quand l'installation est terminée



Manage Tools View Help

1

2

Hide

5. Créer la nouvelle forêt

Deployment Configuration

TARGET SERV
AD-FRONT-01.kvega.io

Deployment Configuration

Domain Controller Options

Additional Options

Paths

Review Options

Prerequisites Check

Installation

Results

Select the deployment operation

- Add a domain controller to an existing domain
- Add a new domain to an existing forest
- Add a new forest

Specify the domain information for this operation

Root domain name:

kvega.local

[More about deployment configurations](#)

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Install

Cancel

6. Créer le mot de passe de récupération

Domain Controller Options

TARGET SERV
AD-FRONT-01.kvega.io

Deployment Configuration

Domain Controller Options

DNS Options

Additional Options

Paths

Review Options

Prerequisites Check

Installation

Results

Select functional level of the new forest and root domain

Forest functional level: Windows Server 2016

Domain functional level: Windows Server 2016

Specify domain controller capabilities

 Domain Name System (DNS) server Global Catalog (GC) Read only domain controller (RODC)

Type the Directory Services Restore Mode (DSRM) password

Password:

Confirm password:

1

[More about domain controller options](#)

2

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Install

Cancel

7. Ne pas créer de délégation DNS. Faire Next
8. Laisser le nom netbios par défaut

Additional Options

TARGET SERV
AD-FRONT-01.kvega.lo

Deployment Configuration
Domain Controller Options
DNS Options
Additional Options
Paths
Review Options
Prerequisites Check
Installation
Results

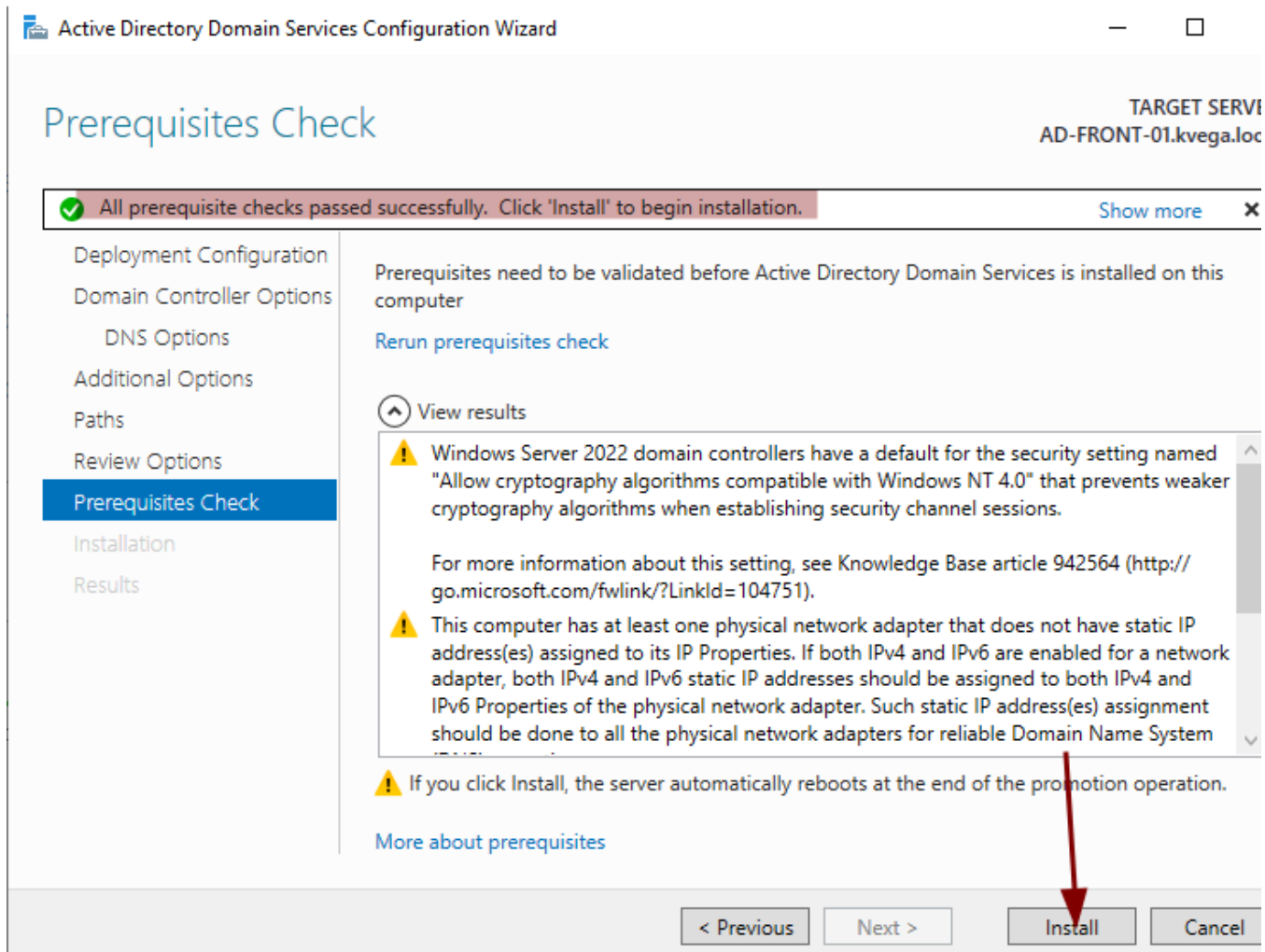
Verify the NetBIOS name assigned to the domain and change it if necessary

The NetBIOS domain name:

[More about additional options](#)

< Previous **Next >** Install Cancel

9. Laisser les chemins par défaut
10. Réviser les modifications effectuées
11. Laisser le check tourner et installer



12. Une fois installé si le serveur ne redémarre pas de lui même, le redémarrer à la main

Installation d'un active Directory Mode CORE

Prérequis : Network OK, Sur le domaine et le bon nom d'ordinateur

```
install-windowsfeature AD-Domain-Services
Install-ADDSDomainController -InstallDns -Credential (Get-Credential "CORP\Administrator") -
DomainName "corp.contoso.com"
```

Revision #2

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