

# Installation de VMware vCenter Server 7.0U3

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## Présentation

VMware vCenter Server 7 s'installe via un ISO depuis un client. Cela va déployer une machine virtuelle sur un ESX. Ce déploiement se base sur un OVA. (on peut donc le déployer directement sur un ESX depuis l'interface Web).

VMware vCenter Server 7 est disponible au téléchargement sur le site de VMware.

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## Installation

On monte l'ISO puis on exécute "installer.exe" sous D:\vcsa-ui-installer\win32.

## vmw Install - Stage 1: Deploy vCenter Server

## 1 Introduction

- 2 End user license agreement
- 3 vCenter Server deployment target
- 4 Set up vCenter Server VM
- 5 Select deployment size
- 6 Select datastore
- 7 Configure network settings
- 8 Ready to complete stage 1

## Introduction

This installer allows you to install a vCenter Server 7.0.

## Stage 1



Deploy vCenter Server

## Stage 2



Set up vCenter Server

Installing the vCenter Server is a two stage process. The first stage involves deploying a new vCenter Server to the target ESXi host or a compute resource in the target vCenter Server. The second stage completes the setup of the deployed vCenter Server. Click Next, to proceed with stage 1.

[CANCEL](#)[NEXT](#)

Activier Windows

On rentre les informations de la cible de déploiement.

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## vCenter Server deployment target

Specify the vCenter Server deployment target settings. The target is the ESXi host or vCenter Server instance on which the vCenter Server will be deployed.

ESXi host or vCenter Server name	<input type="text" value="esxi02.home.khroners.fr"/>	<a href="#">i</a>
HTTPS port	<input type="text" value="443"/>	
User name	<input type="text" value="root"/>	<a href="#">i</a>
Password	<input type="password" value="....."/>	

CANCEL

BACK

NEXT

Je possède un certificat auto-signé, d'où l'avertissement.

## Certificate Warning

If an untrusted SSL certificate is installed on esxi02.home.khroners.fr, secure communication cannot be guaranteed. Depending on your security policy, this issue might not represent a security concern.

The SHA1 thumbprint of the certificate is:

7C:1A:71:59:F8:79:70:EC:B6:82:2D:15:33:B5:EE:32:8C:B6:15:2D


To accept and continue, click Yes

NO


YES

PS : Une fois connecté, on peut le voir également dans les logs sur l'ESX :

On rentre le nom du vCenter Server ainsi que le mot de passe root.

 vCenter Server Installer

Installer

 Install - Stage 1: Deploy vCenter Server

1 Introduction

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### Set up vCenter Server VM

Specify the VM settings for the vCenter Server to be deployed.

VM name	SRV-VCSA-XPS01	
Set root password	.....	
Confirm root password	.....	

CANCEL

BACK

NEXT

Activer Windows

On adapte à notre environnement.

vmw

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Select deployment size

Select the deployment size for this vCenter Server.

For more information on deployment sizes, refer to the vSphere 7.0 documentation.

Deployment size

Tiny

Storage size

Default

Resources required for different deployment sizes

Deployment Size	vCPUs	Memory (GB)	Storage (GB)	Hosts (up to)	VMs (up to)
Tiny	2	12	579	10	100
Small	4	19	694	100	1000
Medium	8	28	908	400	4000
Large	16	37	1358	1000	10000

CANCEL

BACK

NEXT

Activier Windows

On choisit un datastore. On a le choix de choisir le provisionnement dynamique (au prix des performances). Dans mon cas, je coche car je n'ai pas beaucoup de stockage.

vmw

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Select datastore

Select the storage location for this vCenter Server

Install on an existing datastore accessible from the target host

Show only compatible datastores

Name	Type	Capacity	Free	Provisioned	Thin Provisioning
DATASTOR E2-I	VMFS-6	439.75 GB	427.26 GB	12.49 GB	Supported
DATASTOR E1-C	VMFS-6	439.75 GB	427.33 GB	12.42 GB	Supported

2 items

Enable Thin Disk Mode

Install on a new vSAN cluster containing the target host

CANCEL

BACK

NEXT

On entre les informations réseaux.

vmw

Install - Stage 1: Deploy vCenter Server

1 Introduction

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Configure network settings

Configure network settings for this vCenter Server

Network	Bridge	ⓘ
IP version	IPv4	
IP assignment	static	
FQDN	VCSA.home.khroners.fr	ⓘ
IP address	192.168.199.248	
Subnet mask or prefix length	24	ⓘ
Default gateway	192.168.199.1	
DNS servers	192.168.199.3	
Common Ports		
HTTP	80	
HTTPS	443	

On a ensuite un récapitulatif. Si tout est correct, on peut lancer l'installation.

Install - Stage 1: Deploy vCenter Server

3%

Deploying the vCenter Server

CANCEL

Après un peu de patience, l'étape 1 se termine.

## Install - Stage 1: Deploy vCenter Server

 You have successfully deployed the vCenter Server.

To proceed with stage 2 of the deployment process, vCenter Server setup, click Continue.

If you exit, you can continue with the vCenter Server setup at any time by logging in to the vCenter Server Management Interface <https://VCSA.home.khroners.fr:5480/>



On peut continuer au même endroit avec le setup, ou via l'interface web (port 5480).


### Setup Wizard

- 1 Introduction
- 2 vCenter Server Configuration
- 3 SSO Configuration
- 4 Configure CEIP
- 5 Ready to complete

### Introduction

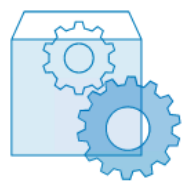
vCenter Server installation overview

Stage 1



Deploy new vCenter Server

Stage 2



Set up vCenter Server

Installing the vCenter Server is a two stage process. The first stage has been completed. Click Next, to proceed with Stage 2, setting up the vCenter Server.

Activer Windows

Accédez aux paramètres pour activer Windows.

CANCEL

NEXT

Personnellement, je synchronise avec les ESX, car un retard de temps entre les ESX et le vCenter peut entrainer un dysfonctionnement.

Setup Wizard

1 Introduction

2 vCenter Server Configuration

3 SSO Configuration

4 Configure CEIP

5 Ready to complete

vCenter Server Configuration

Time synchronization mode

Synchronize time with the ESXi host

SSH access

Disabled

i

For vCenter Server High Availability (HA), enable SSH access.

On rentre les informations.

vmw

Install - Stage 2: Set Up vCenter Server

Setup Wizard

1 Introduction

2 vCenter Server Configuration

3 SSO Configuration

4 Configure CEIP

5 Ready to complete

SSO Configuration

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Create a new SSO domain

Single Sign-On domain name

i

vsphere.local

Single Sign-On username

administrator

Single Sign-On password

i

.....

eye

Confirm password

.....

eye

Join an existing SSO domain

Un récapitulatif apparait. On vérifie et on clique sur "Suivant".

Un peu de patience désormais :

Install - Stage 2: vCenter Server setup is in progress



La configuration est terminée.



## Install - Stage 2: Complete

✓ You have successfully setup this vCenter Server.

vCenter Server setup has been completed successfully. Click on the link below to get started. Press close to exit.

vCenter Server Getting Started Page : <https://VCSA.home.khroners.fr:443>

CLOSE

# Conclusion

vCenter Server est installé et configuré.



The screenshot shows the VMware vSphere Client interface. At the top is the VMware logo. Below it, there are two main sections: 'Démarrage' (Getting Started) and 'Documentation'. Under 'Démarrage', there is a blue button labeled 'LANCER VSPHERE CLIENT (HTML5)'. Under 'Documentation', there is a link to 'Centre de documentation VMware vSphere'. On the right side, there is a sidebar with links for administrators and developers. The sidebar has two sections: 'Pour les administrateurs' (For administrators) and 'Pour les développeurs' (For developers). Under 'Pour les administrateurs', there is a link to 'Navigateur de banque de données basé sur le web' (Web-based data bank navigator) and a description: 'Utilisez votre navigateur pour trouver et télécharger des fichiers (par exemple, des fichiers de machines virtuelles et de disques virtuels).'. Below this is a link to 'Parcourir les banques de données de l'inventaire de vSphere' (Browse the data banks of the vSphere inventory). Under 'Pour les développeurs', there is a link to 'vSphere Web Services SDK' and a description: 'Découvrez nos derniers SDK, boîtes à outils et API pour la gestion de VMware ESXi et de VMware vCenter. Obtenez un exemple de code, une documentation de référence, participez à nos discussions de forum et consultez nos dernières sessions et webinaires.'. Below this are three links: 'Pour plus d'informations sur les services Web SDK' (For more information on the Web SDK services), 'Parcourir les objets gérés par vSphere' (Browse the objects managed by vSphere), and 'Télécharger des certificats d'autorité de certification racine approuvés' (Download approved root authority certificates).

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