
DÉPLOIEMENT D'UNE VM

Création d'une machine virtuelle sur vSphere

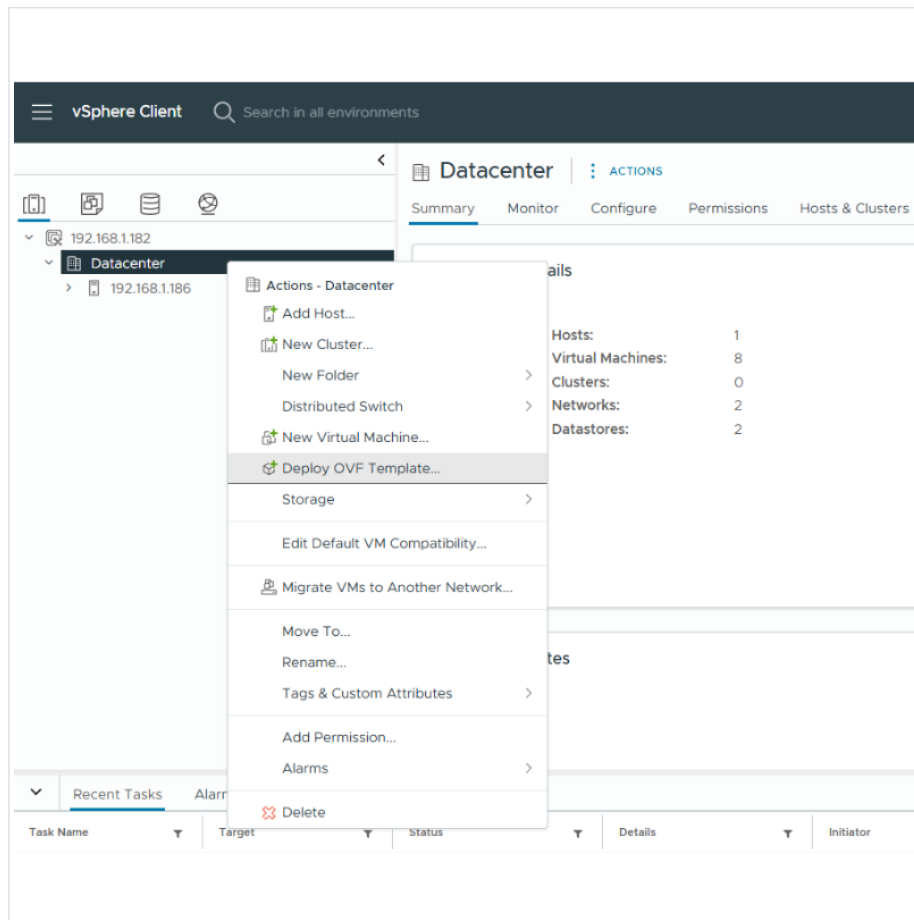
Procédure complète de création et de configuration d'une machine virtuelle depuis l'interface vSphere, du choix du stockage à la personnalisation matérielle.

Projet	Cluster VMware vSAN – BTS SIO SISR
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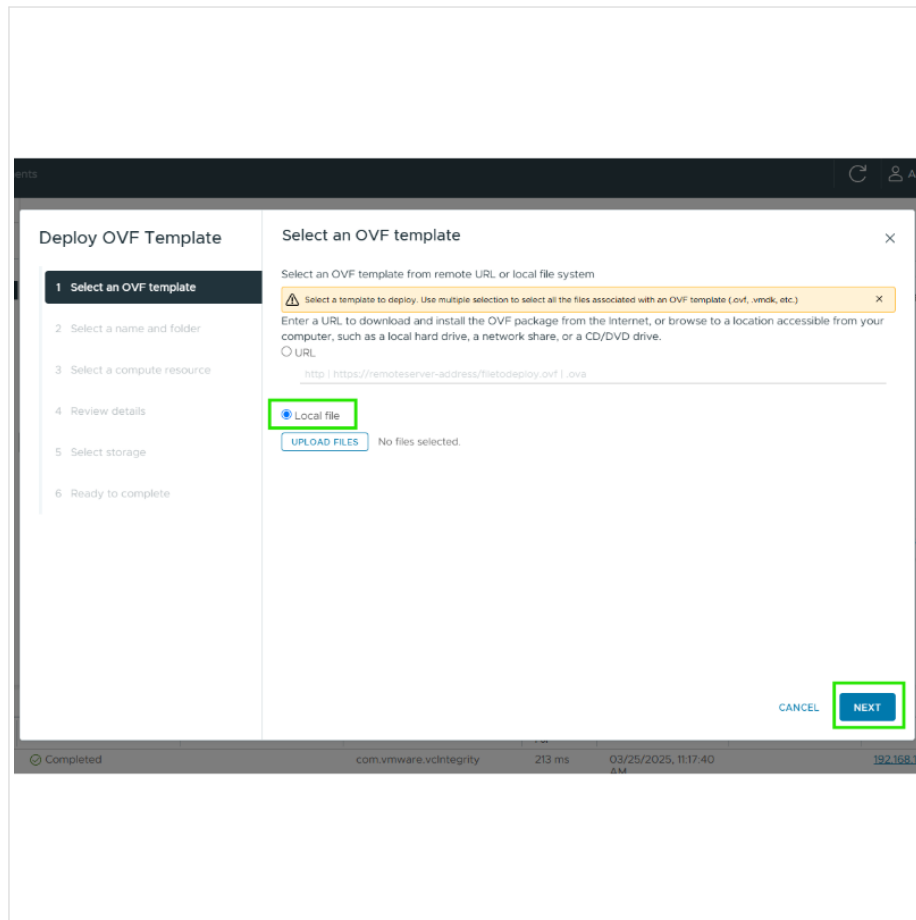
1. Ouvrir la création d'une machine virtuelle

Clic droit sur l'hôte ou le datacenter, puis Actions > New Virtual Machine.



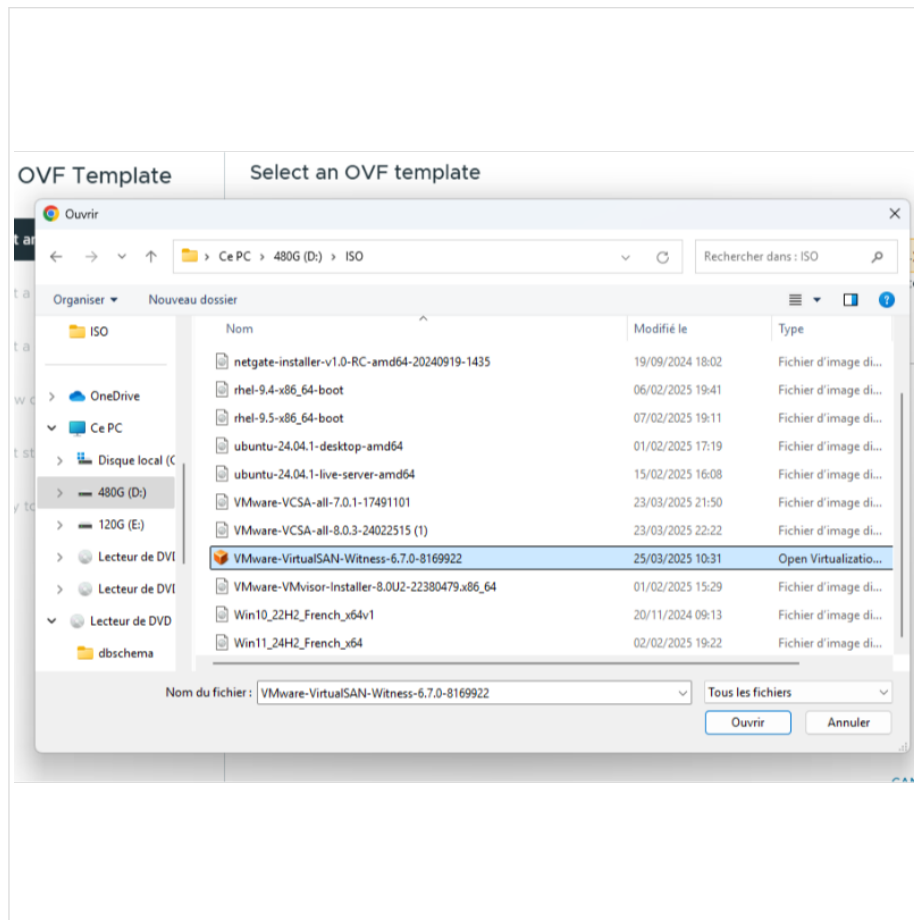
2. Choix du type de création

Choisir Create a new virtual machine pour une configuration manuelle. Permet de créer une VM vierge, entièrement configurable selon les besoins.



3. Nommer la VM et choisir l'emplacement

Donner un nom à la VM (ex. Windows 10) et sélectionner le dossier de destination.



4. Sélection du compute resource

Sélectionner l'hôte ESXi sur lequel la VM sera hébergée. Permet d'affecter la VM à un serveur physique précis.

Deploy OVF Template

- 1 Select an OVF template
- 2 Select a name and folder**
- 3 Select a compute resource
- 4 Review details
- 5 Select storage
- 6 Ready to complete

Select a name and folder ×

Specify a unique name and target location

Virtual machine name:

Select a location for the virtual machine.

- ✓ 192.168.1.182
 - > **Datacenter**

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5. Choix du stockage

Choisir le datastore où seront enregistrés les fichiers de la VM.

Deploy OVF Template

1 Select an OVF template

2 Select a name and folder

3 Select a compute resource

4 Review details

5 License agreements

6 Configuration

7 Select storage

8 Select networks

9 Customize template

10 Ready to complete

Review details

×

Verify the template details.

Publisher	VMware, Inc. (Trusted certificate)
Product	VMware vSAN Witness Appliance
Version	6.7
Vendor	VMware, Inc.
Description	VMware vSAN Witness Appliance
Download size	465.6 MB
Size on disk	Unknown (thin provisioned) 1.4 TB (thick provisioned)

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6. Définir la compatibilité

Choisir la version d'ESXi compatible avec la VM.

Deploy OVF Template

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7 Select storage

8 Select networks

9 Customize template

10 Ready to complete

License agreements

The end-user license agreement must be accepted.
Read and accept the terms for the license agreement.

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7. Système d'exploitation invité

Indiquer la famille et la version du système d'exploitation à installer.

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2 Select a name and folder

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6 Configuration

7 Select storage

8 Select networks

9 Customize template

10 Ready to complete

Configuration

Select a deployment configuration

☒ Tiny (10 VMs or fewer)

☐ Medium (up to 500 VMs)

☐ Large (more than 500 VMs)

3 Items

Description

Configuration for Tiny vSAN
Deployments with 10 VMs or fewer
* 2 vCPUs * 8GB vRAM * 1x 12GB
ESXi Boot Disk * 1x 15GB Magnetic
Disk * 1x 10GB Solid-State Disk *
Maximum of 750 Witness
Components

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8. Personnalisation du matériel

Définir CPU, RAM, disques, carte réseau, lecteur ISO, etc.

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- 10 Ready to complete

Select storage

Select the storage for the configuration and disk files
☐ Encrypt this virtual machine (Requires Key Management Server)

Select virtual disk format Thick Provision Eager Zeroed ▾

VM Storage Policy Datastore Default ▾

☐ Disable Storage DRS for this virtual machine

	Name	Storage Compatibility	Capacity	Provisioned	Free	TY
☐	datastore-games	--	558.75 GB	1.23 TB	449.15 GB	V
☒	datastore1	--	709.5 GB	289.65 GB	473.33 GB	V

Manage Columns Items per page 10 ▾ 2 items

Compatibility
✓ Compatibility checks succeeded.

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9. Validation du déploiement

Une fois créée, cliquer sur Power On pour démarrer la VM. Lancer le système d'exploitation et commencer l'installation.

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- 10 Ready to complete

Select networks

Select a destination network for each source network.

Source Network	Destination Network
Management Network	VM Network
Witness Network	VM Network

[Manage Columns](#) 2 items

IP Allocation Settings

IP allocation: Static - Manual
IP protocol: IPv4

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