What is vCenter?
The vCenter inventory lists and trees show the objects associated with vCenter Server systems, such as datacenters, hosts, clusters, networking, storage, and virtual machines.

Inventory lists allow you to view aggregated lists of these objects across vCenter Server systems. These flat lists enable easier batch operations.

Inventory trees are now available in the top-level Home inventory. In these trees, objects are arranged hierarchically in one of four views: Hosts and Clusters, VMs and Templates, Storage, and Networking.

To get started with the virtual infrastructure:
1. Create a datacenter
2. Add hosts to the datacenter
3. Create virtual machines on the hosts

To get started, select an inventory item on the left.
Add a host

A host is a computer that uses virtualization software, such as ESX or ESXi, to run virtual machines. Adding a host to the inventory brings it under the management of a vCenter Server system.

You need a computer running ESX or ESXi software. If you don't have ESX or ESXi software, visit the VMware Web site for information about this product.

To add a host, you must know the credentials of the administrative account (typically Administrator or root) and the location of the host on the network.
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To continue vCenter Server setup, click Add a host.
Add Host

1 Name and location
2 Connection settings
3 Host summary
4 VM location
5 Ready to complete

Enter the name or IP address of the host to add to vCenter Server.

Host name or IP address: 144.38.194.2
Location: joes-datacenter
Type: ESXi
Enter the administrative account information for the host. The vSphere Web Client will use this information to connect to the host and establish a permanent account for its operations.

User name: root
Password: *********
The certificate store of vCenter Server cannot verify the certificate.

The SHA1 thumbprint of the certificate is:

Click Yes to replace the host's certificate with a new certificate signed by the VMware Certificate Server and proceed with the workflow.

Click No to cancel connecting to the host.

Yes  No
## Add Host

<table>
<thead>
<tr>
<th>Name</th>
<th>144.38.194.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vendor</td>
<td>Supermicro</td>
</tr>
<tr>
<td>Model</td>
<td>X9SCL/X9SCM</td>
</tr>
<tr>
<td>Version</td>
<td>VMware ESXi 6.0.0 build-3620759</td>
</tr>
</tbody>
</table>

### Virtual Machines

- Windows10 Sample
- asdf
- ub2
- parrot
- asdf
Add Host

1. Name and location
2. Connection settings
3. Host summary
4. Assign license
5. Lockdown mode
6. VM location
7. Ready to complete

License:
- Evaluation License
- License Key: --
- Product: --
- Usage: --
- Capacity: --

Assignment Validation for Evaluation License:

⚠️ The license expires in 52 days.
**Lockdown mode**

When enabled, lockdown mode prevents remote users from logging directly into this host. The host will only be accessible through local console or an authorized centralized management application.

If you are unsure what to do, leave lockdown mode disabled. You can configure lockdown mode later by editing Security Profile in host settings.

- Disabled
- Normal
- Strict
  - The host is accessible only through the local console or vCenter Server.
  - The host is accessible only through vCenter Server. The Direct Console UI service is stopped.
<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Version</td>
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</tr>
<tr>
<td>License</td>
<td>Evaluation License</td>
</tr>
<tr>
<td>Networks</td>
<td>VM Network</td>
</tr>
<tr>
<td>Datastores</td>
<td>datastore1, joesnfs, nfs-iao, foorepo</td>
</tr>
<tr>
<td>Lockdown mode</td>
<td>Disabled</td>
</tr>
<tr>
<td>VM location</td>
<td>joes-datacenter</td>
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Getting Started

You need a computer running ESX or ESXi software. If you don't have ESX or ESXi software, visit the VMware Web site for information about this product.

To add a host, you must know the credentials of the administrative account (typically Administrator or root) and the location of the host on the network.

To continue vCenter Server setup, click Add a host.

Explore Further
Learn more about datacenter:
Learn how to create datacenter
Learn about hosts
Learn about clusters
Learn about folders
Enter the administrative account information for the host. The vSphere Web Client will use this information to connect to the host and establish a permanent account for its operations.

User name: root
Password: **********
The certificate store of vCenter Server cannot verify the certificate.

The SHA1 thumbprint of the certificate is:

Click Yes to replace the host's certificate with a new certificate signed by the VMware Certificate Server and proceed with the workflow.

Click No to cancel connecting to the host.

Yes  No
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<tr>
<th>Name</th>
<th>144.38.194.3</th>
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<tr>
<td>Vendor</td>
<td>Supermicro</td>
</tr>
<tr>
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<td>X9SCL/X9SCM</td>
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</tr>
<tr>
<td>Virtual Machines</td>
<td>vCenter, vCenterServer</td>
</tr>
</tbody>
</table>
Assign license

License: Evaluation License
License Key: --
Product: --
Usage: --
Capacity: --

Assignment Validation for Evaluation License

⚠️ The license expires in 52 days.
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  - The host is accessible only through the local console or vCenter Server.
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<th>Details</th>
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<tr>
<td>Name</td>
<td>144.38.194.3</td>
</tr>
<tr>
<td>Version</td>
<td>VMware ESXi 6.0.0 build-3620769</td>
</tr>
<tr>
<td>License</td>
<td>Evaluation License</td>
</tr>
<tr>
<td>Networks</td>
<td>VM Network</td>
</tr>
<tr>
<td>Datastores</td>
<td>datastore1, iso_directory</td>
</tr>
<tr>
<td>Lockdown mode</td>
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Getting Started

machines. From the datacenter, you can add and organize inventory objects. Typically, you add hosts, folders, and clusters to a datacenter.

vCenter Server can contain multiple datacenters. Large companies might use multiple datacenters to represent organizational units in their enterprise.

Basic Tasks

- Add a host
- Create a cluster
- Create a new virtual machine
- Add a datastore
- Create a distributed switch

Explore Further

- Learn more about datacenter
- Learn how to create datacenter
- Learn about hosts
- Learn about clusters
- Learn about folders