Instructions to import a 64-bit linux virtual machine (VM) from an OVA file in Windows

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10/02/2021
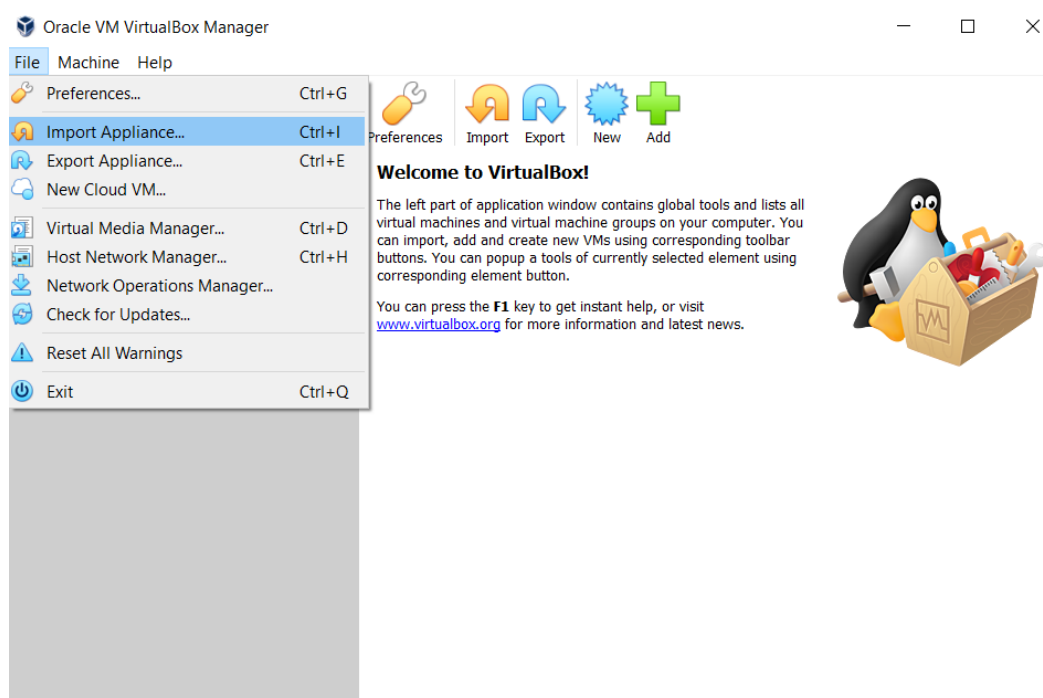
1. Download the OVA file (approx. 6 GB) in Windows

2. Install VirtualBox or VMware Workstation Player

3. Import the OVA

- <u>VirtualBox users</u>

  File -> Import appliance -> Import

Appliance settings

These are the virtual machines contained in the appliance and the suggested settings of the imported VirtualBox machines. You can change many of the properties shown by double-clicking on the items and disable others using the check boxes below.

Virtual System 1	
🧩 Name	Ubuntu20withDocker 1
🖥 Guest OS Type	🟧 Ubuntu (64-bit)
💽 CPU	1
💽 RAM	2048 MB
💿 DVD	☑
🔌 USB Controller	☑
🔊 Sound Card	
🖧 Network Adapt	
🔷 Storage Contro	
🔷 Storage Contro	
🔻🔷 Storage Contro	
🔷 Virtual Disk	
📁 Base Folder	C:\Users\admin\VirtualBox VMs
🅰 Primary Group	/

Importing Appliance ...: Importing appliance 'C:\Diego\Academic and... ✕

Importing virtual disk image 'Ubuntu20withDocker-disk001.vmdk' ... (2/3)

[===============================] 63% ✗

31 seconds remaining

Machine Base Folder: 📁 C:\Users\admin\VirtualBox VMs ▾

MAC Address Policy: Include only NAT network adapter MAC addresses ▾

Additional Options: ☑ Import hard drives as VDI

Appliance is not signed

[Restore Defaults] [Import] [Cancel]

- <u>VMWare Workstation Player users</u>
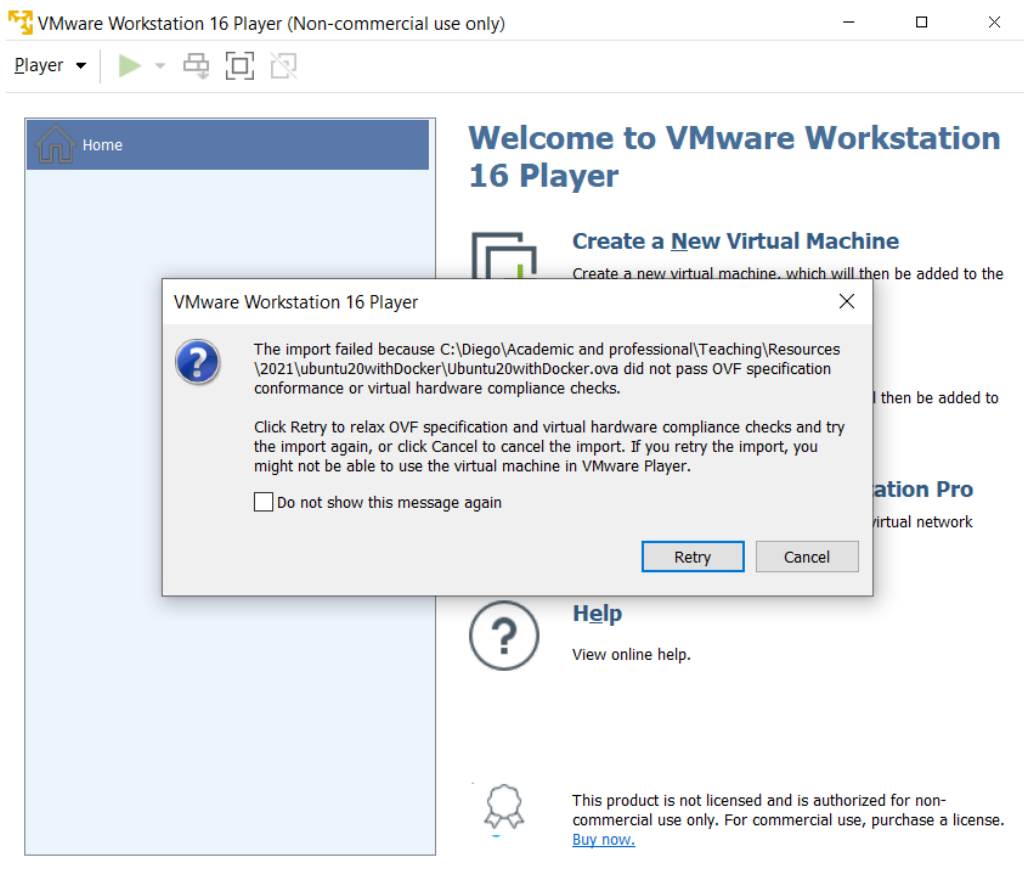
  Open a Virtual Machine -> Import -> **Retry**

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Player ▾ | ▶ ▾ 🖨 🔲 🔲

🏠 Home

Welcome to VMware Workstation 16 Player

Create a New Virtual Machine
Create a new virtual machine, which will then be added to the top of your library.

Open a Virtual Machine
Open an existing virtual machine, which will then be added to the top of your library.

Upgrade to VMware Workstation Pro
Get advanced features such as snapshots, virtual network management, and more.

Help
View online help.

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Welcome to VMware Workstation 16 Player

Create a New Virtual Machine

which will then be added to the

Import Virtual Machine ✕

Store the new Virtual Machine
Provide a name and local storage path for the new virtual machine.

ine

e, which will then be added to

Name for the new virtual machine:

Ubuntu20withDocker

Storage path for the new virtual machine:

Workstation Pro

C:\Users\admin\Documents\Virtual Machines\Ubuntu20v   Browse...

snapshots, virtual network

Help   Import   Cancel

Help
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Welcome to VMware Workstation 16 Player

Create a New Virtual Machine

Create a new virtual machine, which will then be added to the

VMware Workstation 16 Player ✕

The import failed because C:\Diego\Academic and professional\Teaching\Resources \2021\ubuntu20withDocker\Ubuntu20withDocker.ova did not pass OVF specification conformance or virtual hardware compliance checks.

l then be added to

Click Retry to relax OVF specification and virtual hardware compliance checks and try the import again, or click Cancel to cancel the import. If you retry the import, you might not be able to use the virtual machine in VMware Player.

ation Pro

☐ Do not show this message again

virtual network

Retry   Cancel

Help
View online help.

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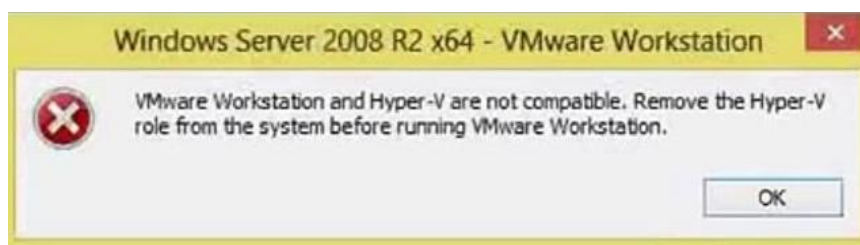Buy now.

4. Power on the VM (user: me, password: pwd)

Potential problems at this point:
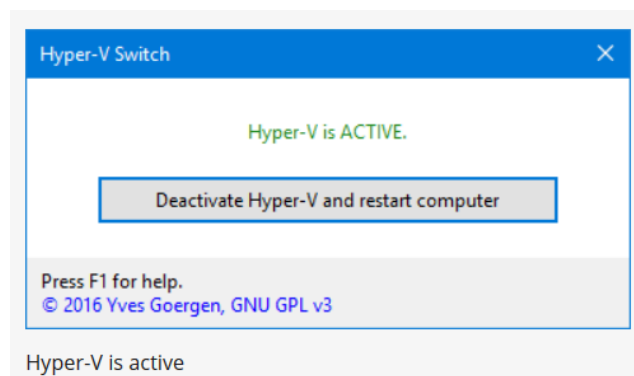
A) You might get a message like this one:
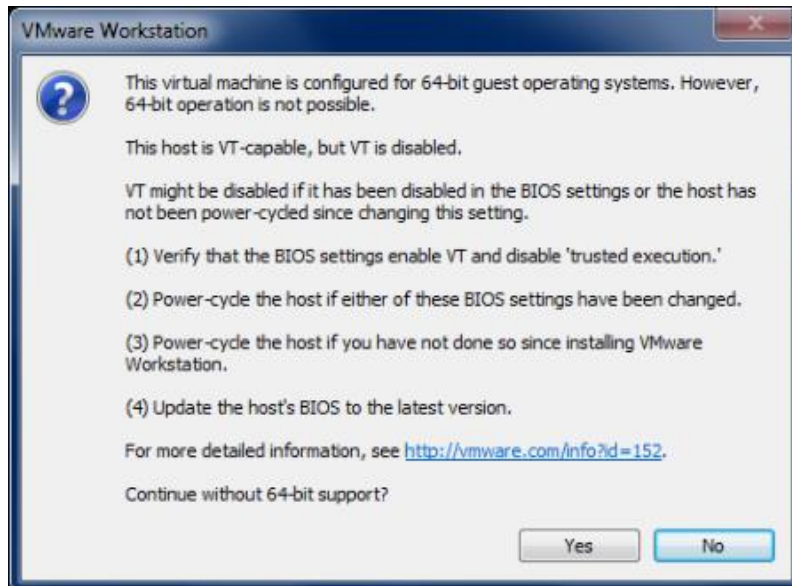
In that case, **you should restart your computer, open the BIOS and enable virtualization.** Then the VM will work.

B) You can also get an error similar to this one:

In this case, you should download HyperVSwitch. When executing it, you will get a message like this:

You should **click on the box to deactivate hyper-V and restart your computer.** Then the VM will work. You can always revert this step in the future.