

# Windows VM in Proxmox

Wie erstelle ich eine VM in Proxmox mit Windows Server die läuft?

Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

Node:

proxmox-hp

VM ID:

201

Name:

DC01

Resource Pool:

win-server

Start at boot:

☐

Start/Shutdown order:

any

Startup delay:

default

Shutdown timeout:

default

Help

Advanced

☒

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## Create: Virtual Machine



General

**OS**

System

Disks

CPU

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Confirm

☒ Use CD/DVD disc image file (iso)

Storage:

ISO image:

Guest OS:

Type:

Version:

☐ Use physical CD/DVD Drive

☐ Do not use any media

Advanced ☒

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## Create: Virtual Machine



General

OS

**System**

Disks

CPU

Memory

Network

Confirm

Graphic card:

Default



SCSI Controller:

VirtIO SCSI



Machine:

Default (i440fx)



Qemu Agent:

☐

Firmware

BIOS:

Default (SeaBIOS)



Add TPM:

☐

Help

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Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

scsi0

Disk

Bandwidth

Bus/Device:

SCSI

0

Cache:

Default (No cache)

SCSI Controller:

VirtIO SCSI

Discard:

☒

Storage:

Micron\_11|00\_MTFD

Disk size (GiB):

32

Format:

QEMU image format

SSD emulation:

☐

Backup:

☒

IO thread:

☐

Skip replication:

☐

Read-only:

☐

Async IO:

Default (io\_uring)

Add

Advanced ☒

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Für beste Performance:

Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

☐ No network device

Bridge:

vmbr0

Model:

VirtIO (paravirtualized)

VLAN Tag:

no VLAN

MAC address:

auto

Firewall:

☒

Help

Advanced ☐

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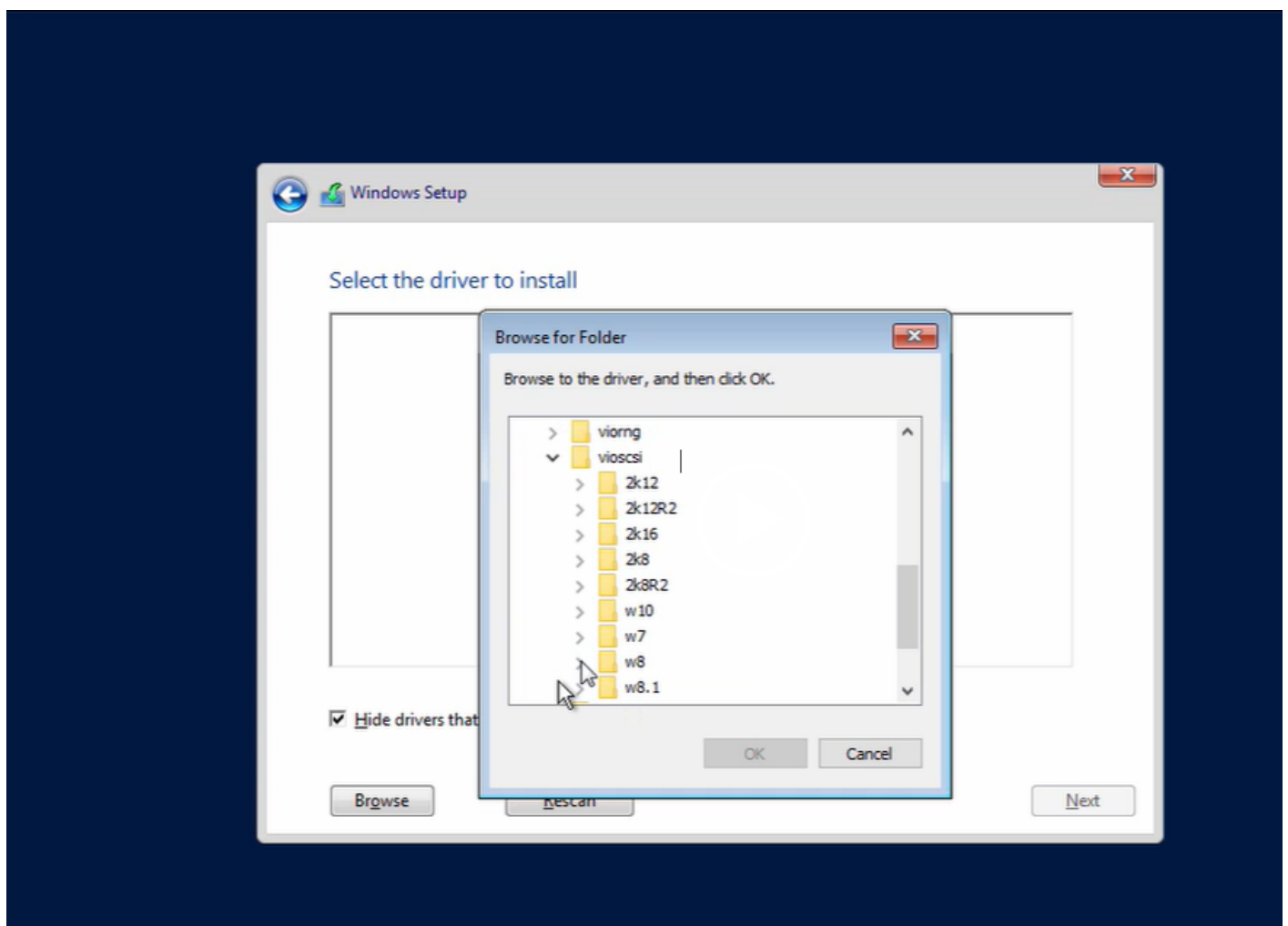
Next

Treiber ISO einlegen

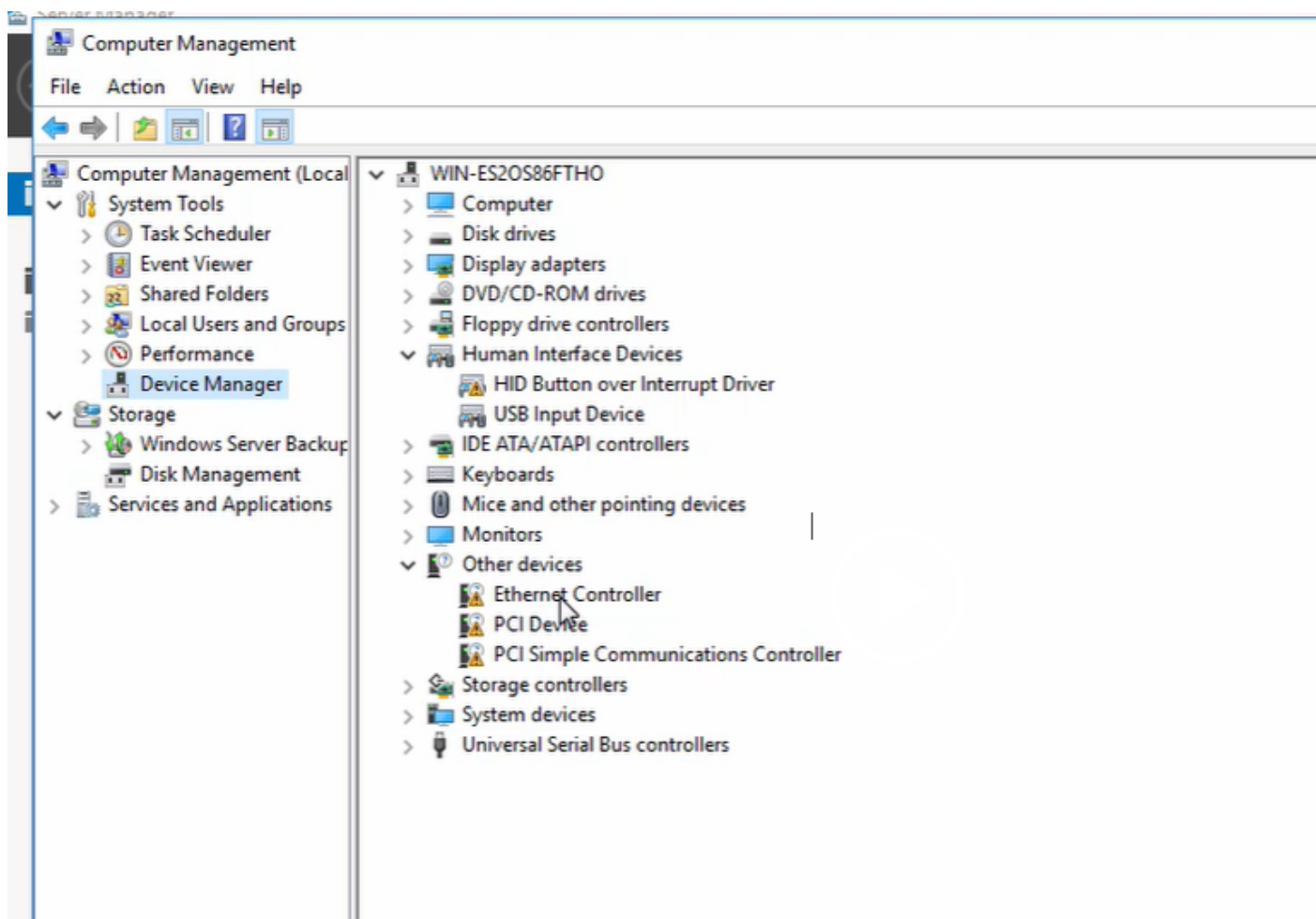
<div> <div>Add</div> <div>Remove</div> <div>Edit</div> <div>Disk Action</div> <div>Revert</div> </div>		
	Memory	4.00 GiB
	Processors	6 (1 sockets, 6 cores)
	BIOS	Default (SeaBIOS)
	Display	Default
	Machine	pc-i440fx-7.0
	SCSI Controller	VirtIO SCSI
	CD/DVD Drive (ide0)	local:iso/treiber-ios.iso,media=cdrom,size=30666K
	CD/DVD Drive (ide2)	local:iso/win-serv-19-en.iso,media=cdrom,size=5172572K
	Hard Disk (scsi0)	Micron_1100_MTFD:201/vm-201-disk-0.qcow2,discard=on,size=32G
	Network Device (net0)	virtio=AE:5B:96:B2:23:CA,bridge=vmbr0,firewall=1

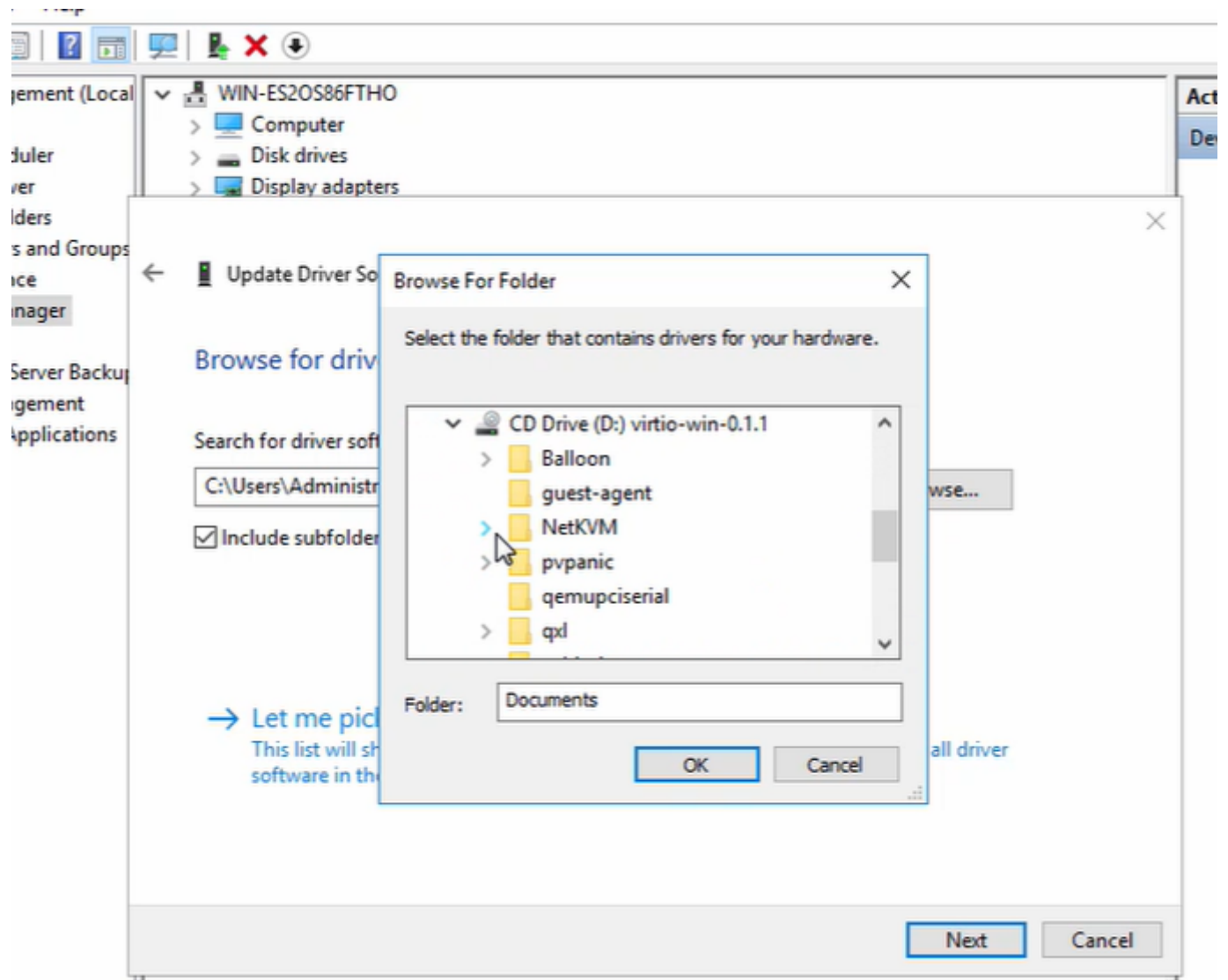
Options	OS Type	Microsoft Windows 10/2016/2019
Task History	Boot Order	scsi0, ide2, net0, ide0
Monitor	Use tablet for pointer	Yes
Backup	Hotplug	Disk, Network, USB
Replication	ACPI support	Yes
Snapshots	KVM hardware virtualization	Yes
Firewall	Freeze CPU at startup	No
Permissions	Use local time for RTC	Default (Enabled for Windows)
	RTC start date	now
	SMBIOS settings (type1)	uuid=f841a9d3-8d28-4469-9898-08c6b867f40f
	QEMU Guest Agent	Enabled
	Protection	No

## VM Starten und Windows installieren



Bei der Installation wird keine Festplatte angezeigt. Hier die ISO mit den Treibern auswählen und den Treiber VIOSCSI auswählen





Auch mit PCI Devices machen: Nur DVD auswählen (E:) und Windows sucht den Treiber selbstständig

PCI Simple genau so





Ballon amd64 Ordner in C:Programme kopieren und in Balloon umbenennen

CMD > Navigiere zu C:Programm/Ballon und `blnsvr.exe -i` eingeben

Treiber Installieren in der Konsole

```
pnputil -i -a Treiber_inf_Datei.inf
```

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