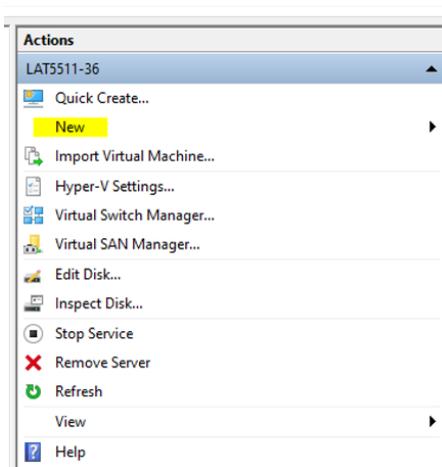
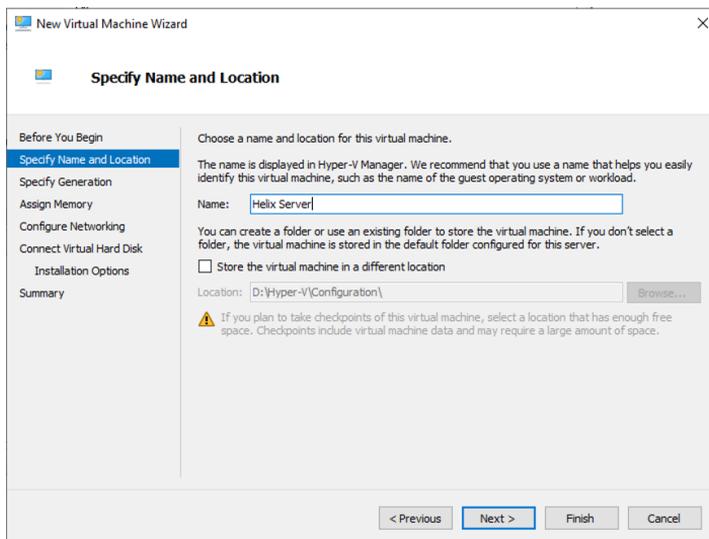


SERVER SETUP INSTRUCTIONS

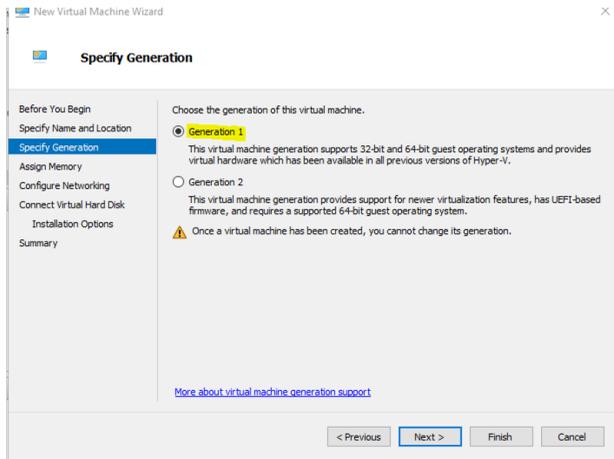
1. Download the Helix Server iso image
2. Open a virtual machine manager of your choice
(For this demonstration, we will be using Hyper-V Manager)
3. Create an empty virtual machine



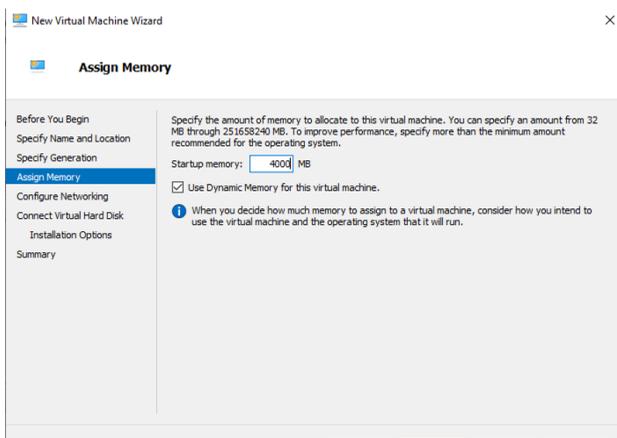
4. Specify the name of the Virtual Machine



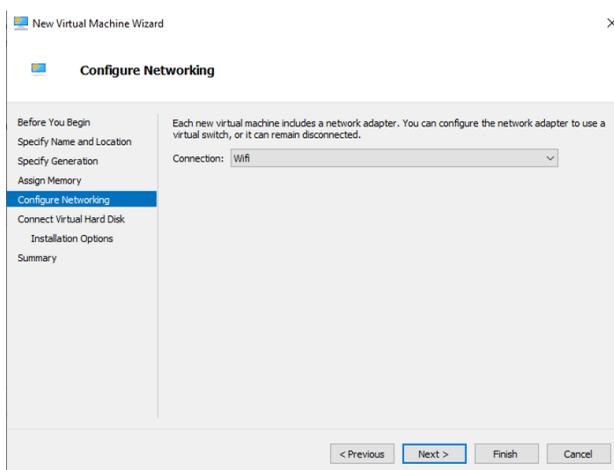
5. Choose Generation 1 Virtual Machine



6. Assign Memory



7. Connect to a network (Note: the Helix Server installation will still succeed even without a network connection)



8. Assign the size of the Virtual Hard Disk

Connect Virtual Hard Disk

Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary

A virtual machine requires storage so that you can install an operating system. You can specify the storage now or configure it later by modifying the virtual machine's properties.

Create a virtual hard disk
Use this option to create a VHDX dynamically expanding virtual hard disk.

Name: Helix Server.vhdx
Location: D:\Hyper-V\Virtual Machines\ Browse...
Size: 64 GB (Maximum: 64 TB)

Use an existing virtual hard disk
Use this option to attach an existing virtual hard disk, either VHD or VHDX format.

Location: D:\Hyper-V\Virtual Machines\ Browse...

Attach a virtual hard disk later
Use this option to skip this step now and attach an existing virtual hard disk later.

< Previous Next > Finish Cancel

9. Install the OS later

Installation Options

Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary

You can install an operating system now if you have access to the setup media, or you can install it later.

Install an operating system later

Install an operating system from a bootable CD/DVD-ROM

Media
 Physical CD/DVD drive: [Dropdown]
 Image file (.iso): C:\iso\ Browse...

Install an operating system from a bootable floppy disk

Media
Virtual floppy disk (.vfd): Browse...

Install an operating system from a network-based installation server

< Previous Next > Finish Cancel

10. Finish creating the virtual machine

Completing the New Virtual Machine Wizard

Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary

You have successfully completed the New Virtual Machine Wizard. You are about to create the following virtual machine.

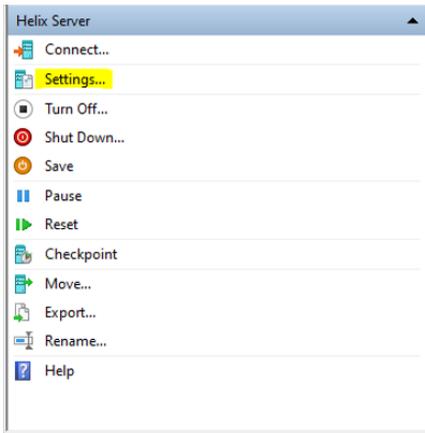
Description:

Name:	Helix Server
Generation:	Generation 1
Memory:	4000 MB
Network:	Wifi
Hard Disk:	D:\Hyper-V\Virtual Machines\Helix Server.vhdx (VHDX, dynamically expanding)
Operating System:	Will be installed at a later time

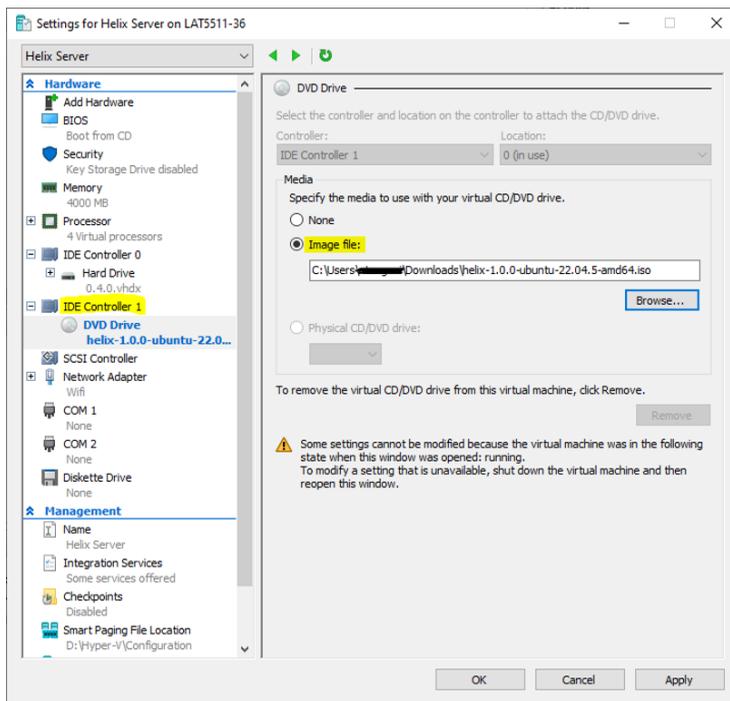
To create the virtual machine and close the wizard, click Finish.

< Previous Next > Finish Cancel

11. Go to the Settings of the Virtual Machine



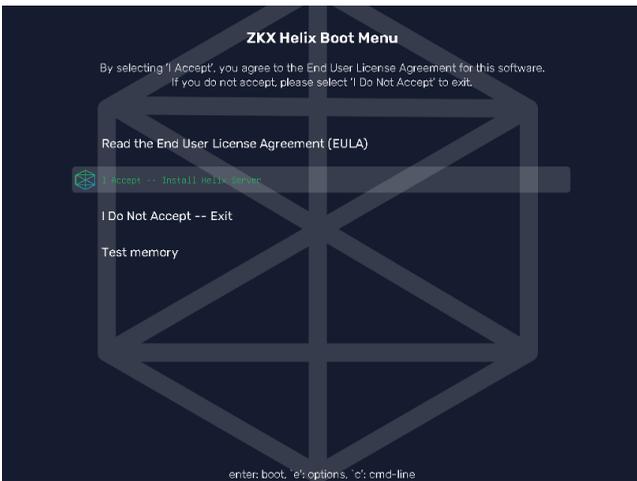
12. Go to IDE Controller 1 / DVD Drive. Select Image file and select the Helix Server iso image. Click Apply.



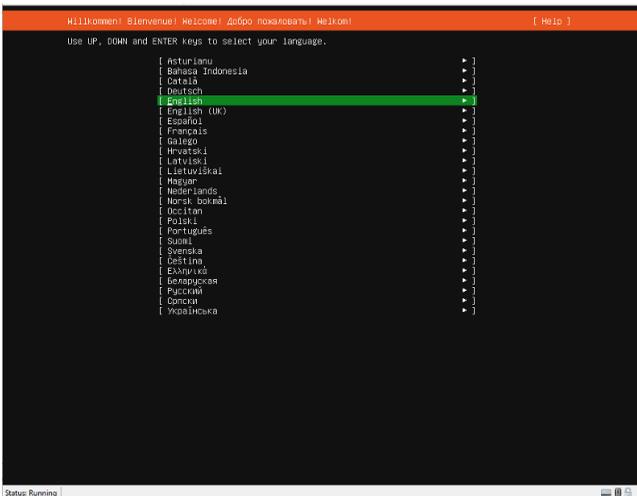
13. Start the Helix Server. You should see the ZKX Solutions EULA



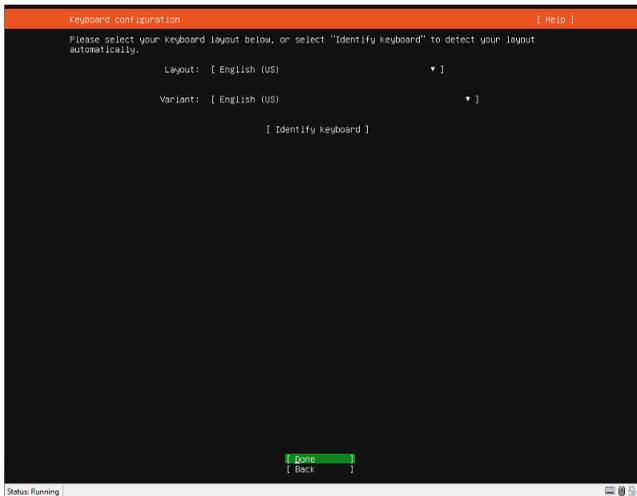
14. After reading the EULA, select I Accept – Install Helix Server



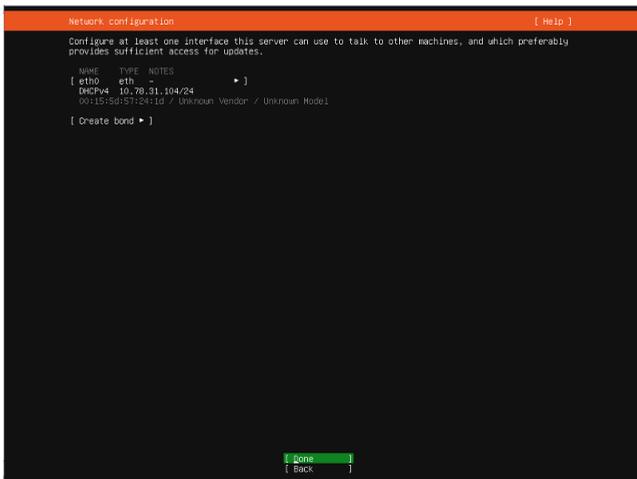
15. After the initialization, select your language



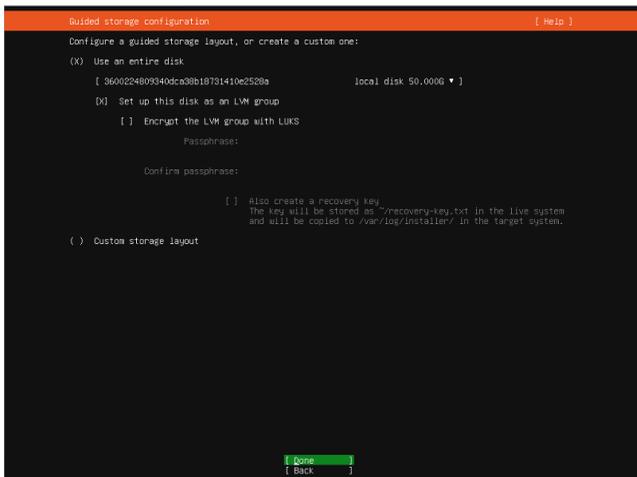
16. Select your keyboard configuration



17. Select your network configuration



18. Use the entire disk for your storage configuration



19. Continue

```
Storage configuration [ Help ]

FILE SYSTEM SUMMARY
MOUNT POINT SIZE TYPE DEVICE TYPE
[ / 23.5965 new ext4 new LVM logical volume ]
[ /boot 2.0005 new ext4 new partition of local disk ]

AVAILABLE DEVICES
DEVICE TYPE SIZE
[ ubuntu-vg (new) LVM volume group 47.5965 ]
[ free space 24.0000 ]
[ Create software RAID (md) ]
[ Create volume group (LVM) ]

USED DEVICES
DEVICE TYPE SIZE
[ ubuntu-vg (new) LVM volume group 47.5965 ]
[ ubuntu-lv new, to be formatted as ext4, mounted at / 23.5965 ]
[ 36002480940dc938b10721410e2520a local disk 50.0000 ]
[ partition 1 new, BIOS grub spacer 1.0000 ]
[ partition 2 new, to be formatted as ext4, mounted at /boot 2.0000 ]
[ partition 3 new, PV of LVM volume group ubuntu-vg 47.5975 ]

[ Done ]
[ Reset ]
[ Back ]
```

20. Confirm the destructive action

```
Storage configuration [ Help ]

FILE SYSTEM SUMMARY
MOUNT POINT SIZE TYPE DEVICE TYPE
[ / 23.5965 new ext4 new LVM logical volume ]
[ /boot 2.0005 new ext4 new partition of local disk ]

AVAILABLE DEVICES
DEVICE TYPE SIZE
[ ubuntu-vg (new) LVM volume group 47.5965 ]
[ free space 24.0000 ]
[ Create software RAID (md) ]
[ Create vo ]

USED DEVICES
DEVICE TYPE SIZE
[ ubuntu-vg (new) LVM volume group 47.5965 ]
[ ubuntu-lv new, to be formatted as ext4, mounted at / 23.5965 ]
[ 36002480940dc938b10721410e2520a local disk 50.0000 ]
[ partition 1 new, BIOS grub spacer 1.0000 ]
[ partition 2 new, to be formatted as ext4, mounted at /boot 2.0000 ]
[ partition 3 new, PV of LVM volume group ubuntu-vg 47.5975 ]

Confirm destructive action
Selecting Continue below will begin the installation process and
result in the loss of data on the disks selected to be formatted.
You will not be able to return to this or a previous screen once
the installation has started.
Are you sure you want to continue?
[ No ]
[ Continue ]

[ Done ]
[ Reset ]
[ Back ]
```

21. Configure the name of the server, admin username, and password

```
Profile configuration [ Help ]

Enter the username and password you will use to log in to the system. You can configure SSH access on
a later screen, but a password is still needed for sudo.

Your name: Mellvoklein
Your servers name: Mellix
The name it uses when it talks to other computers.
Pick a username: Mellix
Choose a password: *****
Confirm your password: *****

[ Done ]
```

