

Virtual machine installation and system startup

Virtual machine installation and system startup

1. Install virtual machine software
2. Start the virtual machine system
3. System username and password
4. Check the IP address of the virtual machine

1. Install virtual machine software

Open the browser, enter the following URL to enter the VMware Player virtual machine software download page, and click Download

<https://www.vmware.com/products/workstation-player.html>

vmware[®]
by Broadcom

Multi-Cloud
Services

Products

Products > VMware Workstation Player

Local Virtual Machines

VMware Workstation Player

Easily run multiple operating systems as virtual machines on your Windows or Linux PC with VMware Workstation Player.

DOWNLOAD FOR FREE

Product Downloads Drivers & Tools Open Source Custom ISOs OEM Addons

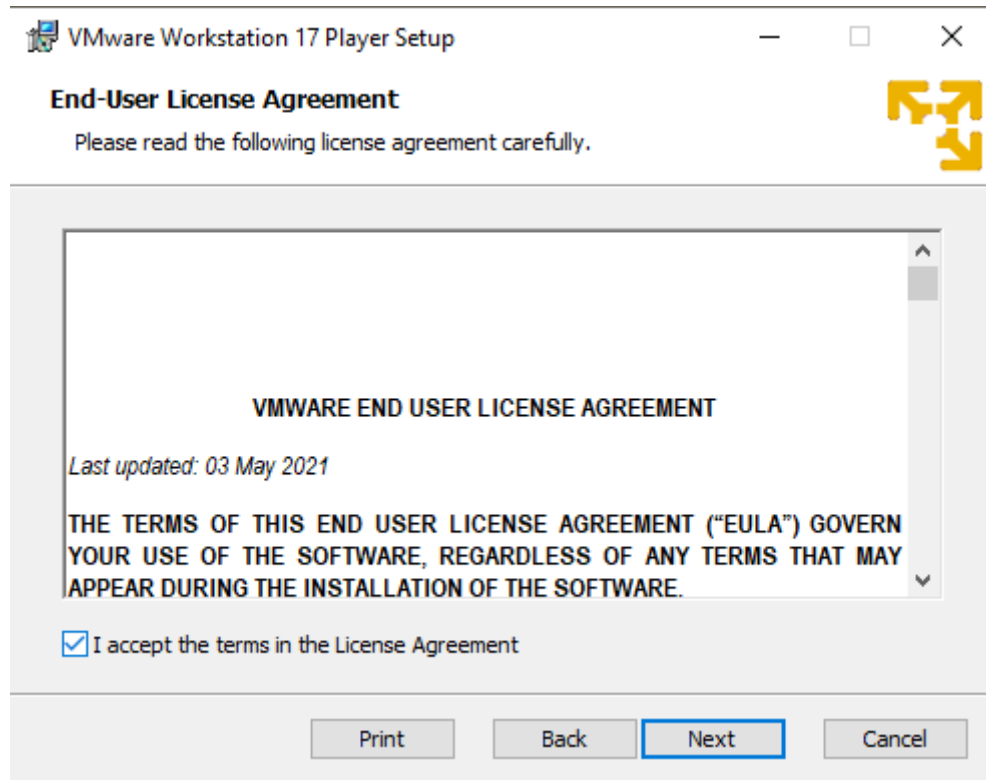
| Product | Release Date |
|----------------------------------|--------------|
| VMware Workstation Player 17.5.0 | |
| VMware Workstation Player | 2023-10-19 |

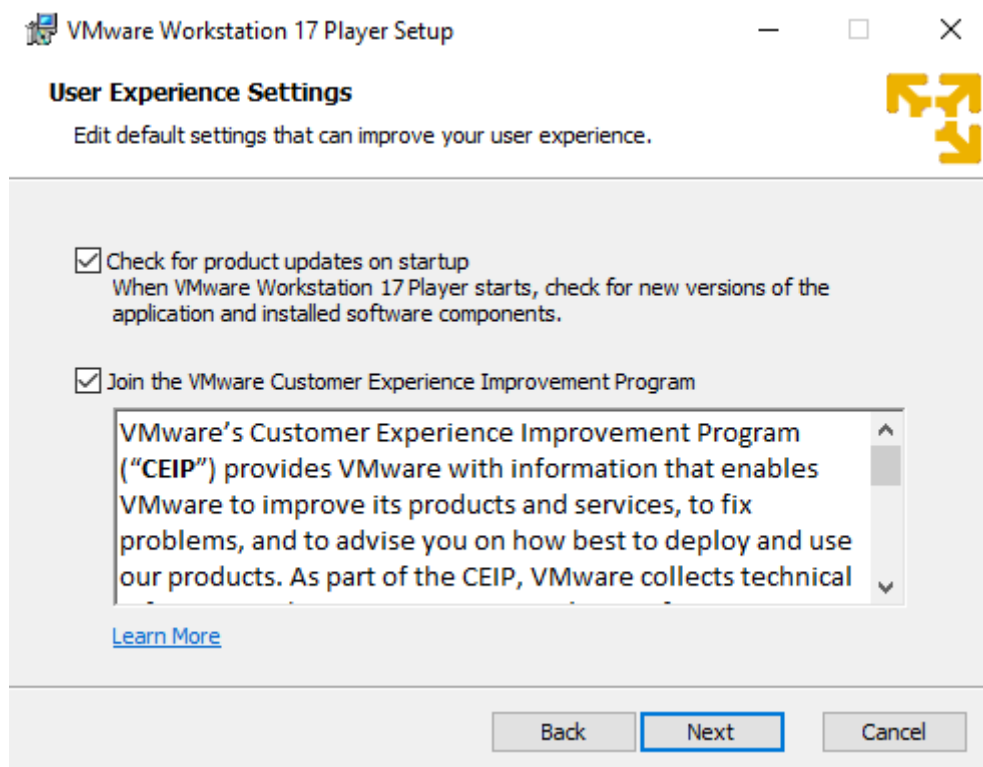
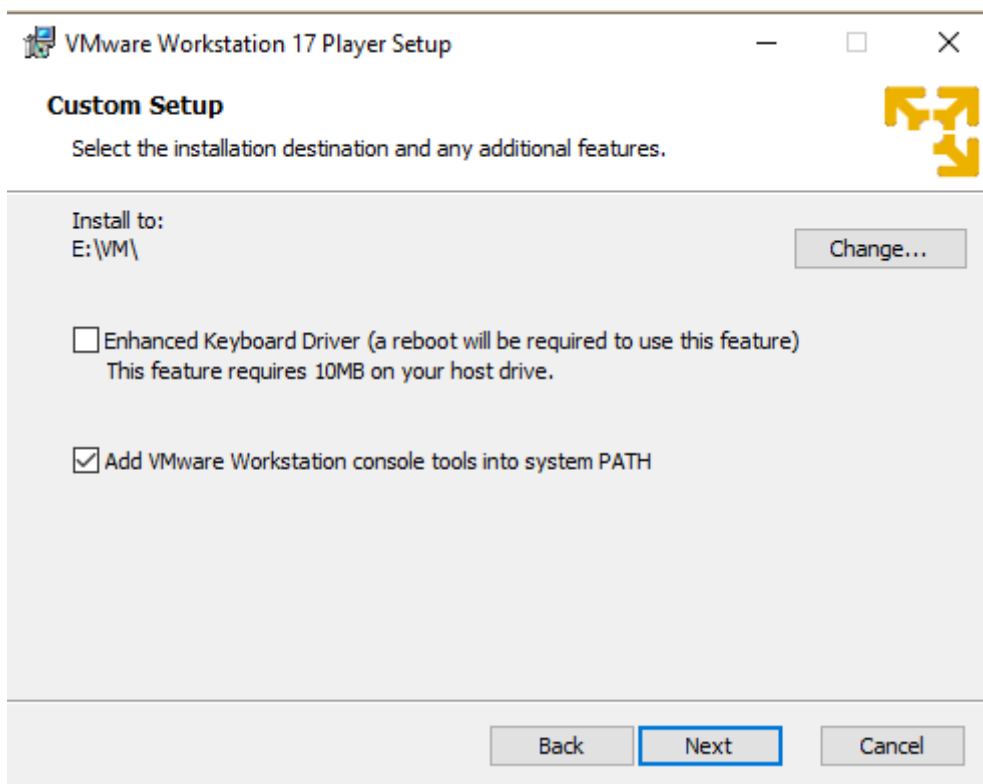
GO TO DOWNLOADS

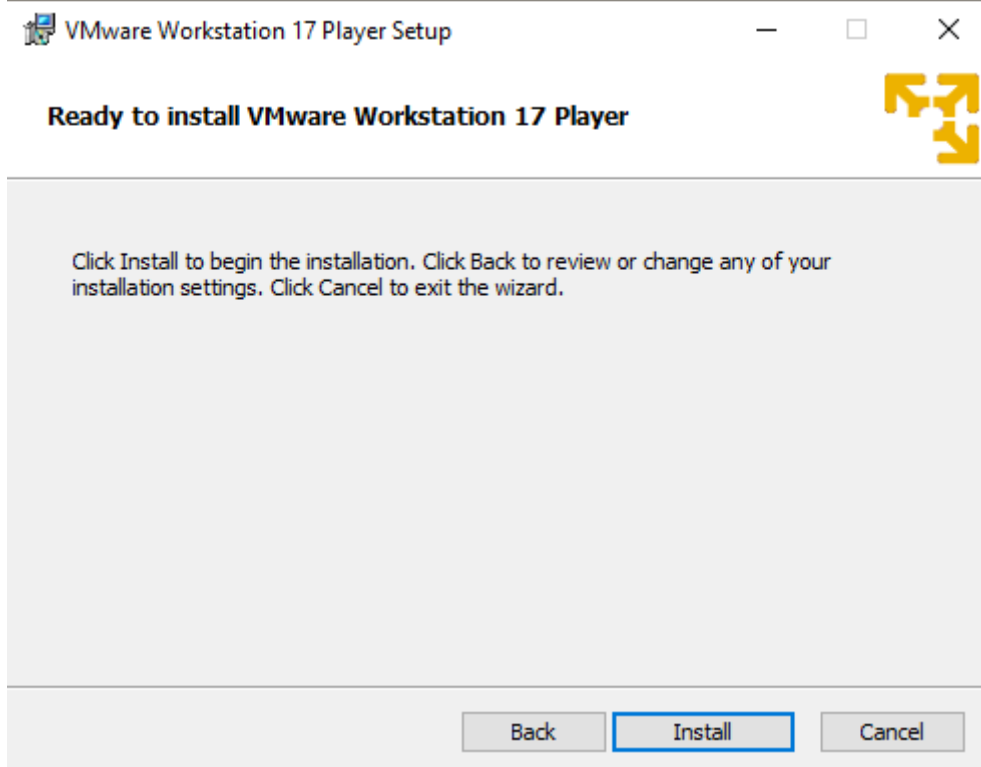
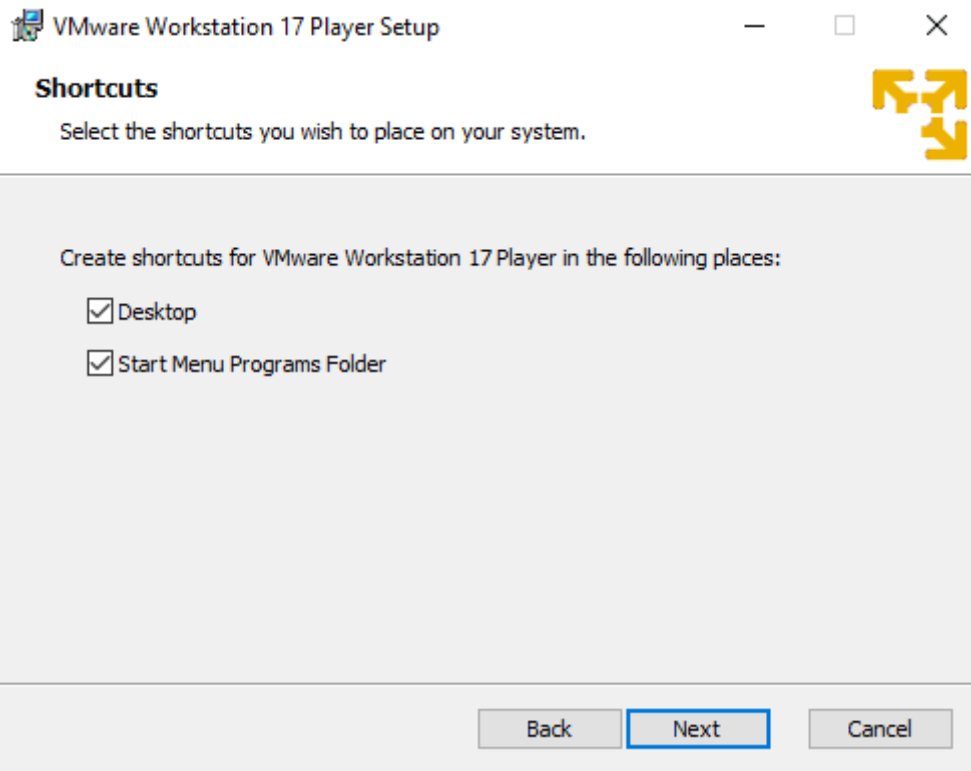
Product Downloads Drivers & Tools Open Source Custom ISOs OEM Addons

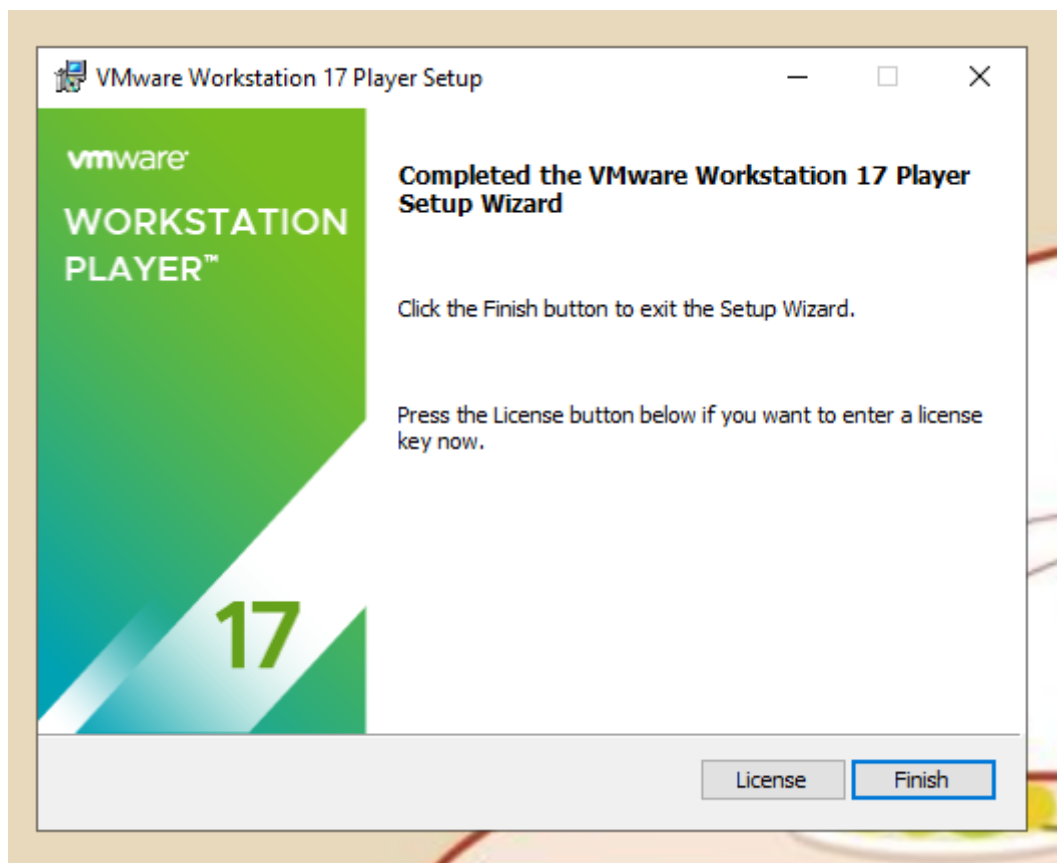
| File | Information |
|--|---------------------|
| VMware Workstation 17.5.0 Player for Linux 64-bit | DOWNLOAD NOW |
| File size: 469.26 MB File type: bundle Read More | |
| VMware Workstation 17.5.0 Player for Windows 64-bit Operating Systems | DOWNLOAD NOW |
| File size: 540.19 MB File type: exe Read More | |

Double-click to run the VMware virtual machine compressed package file, and then install the virtual machine software according to the prompts.

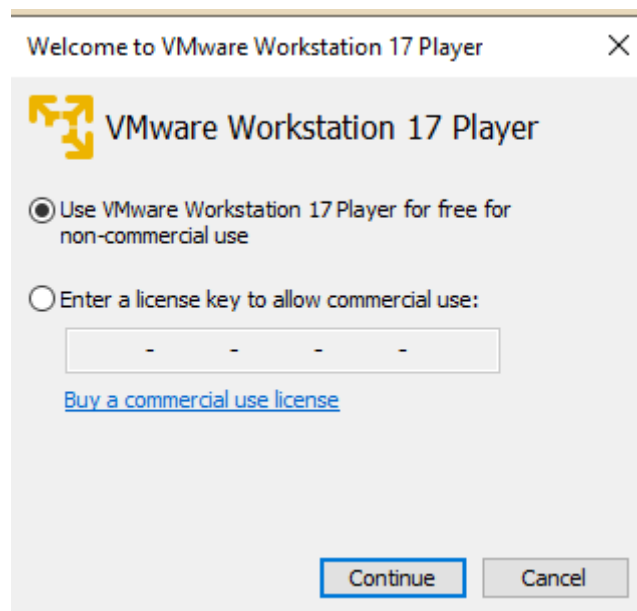


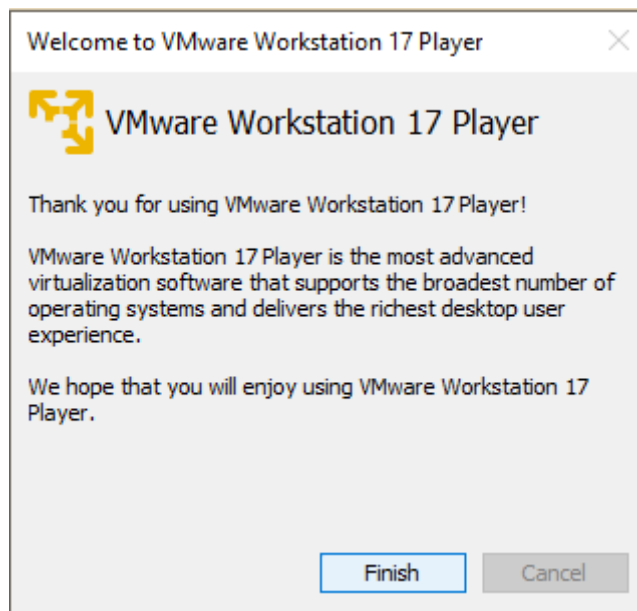






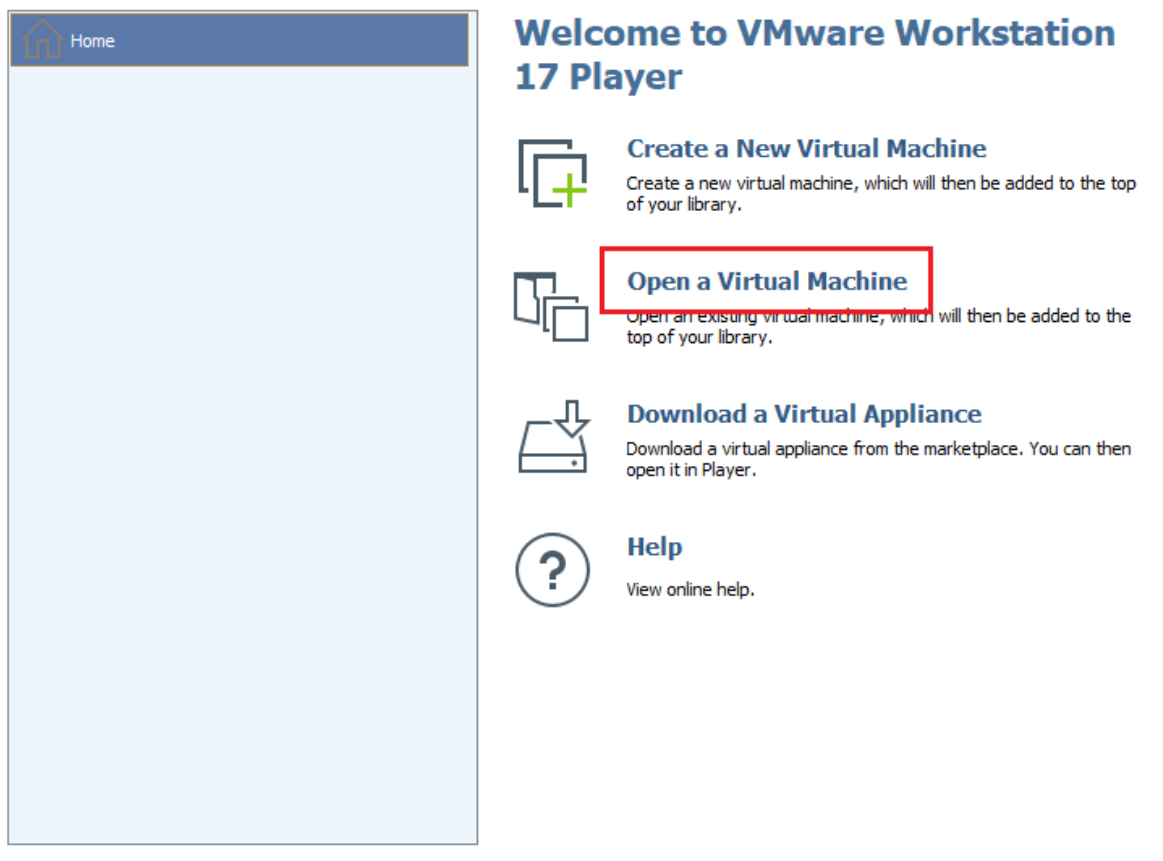
Double click to open





2. Start the virtual machine system

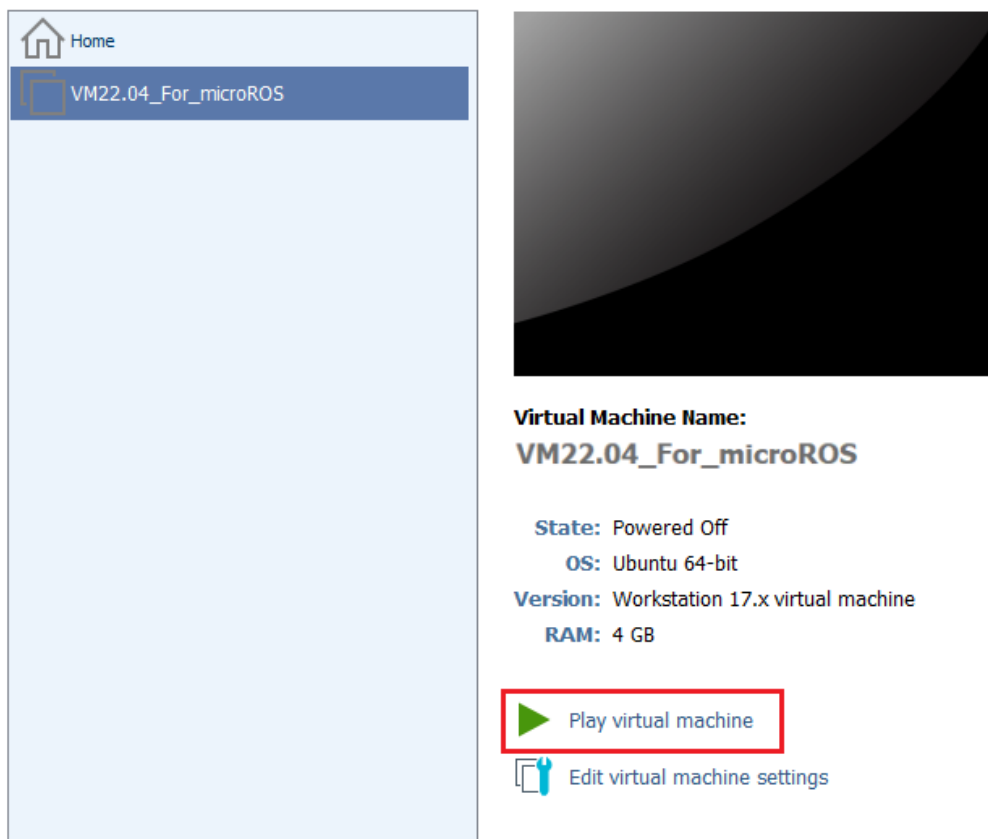
Use the virtual machine software to open the virtual machine system file in the data.



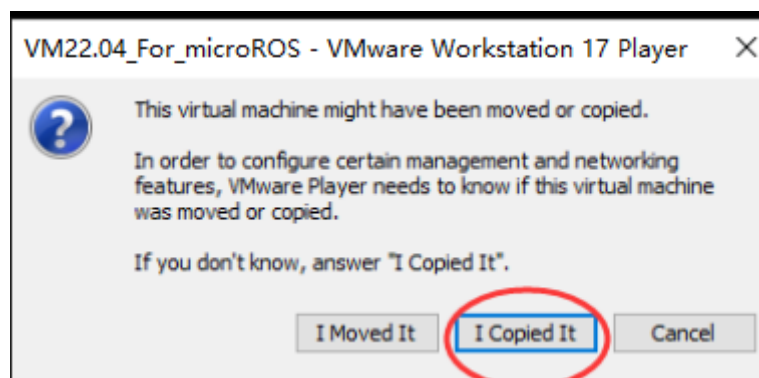
Find the unzipped virtual machine file path and select the Ubuntu22.04.vmx file.

| 电脑 > backup (G:) > micro-ROS > VM22.04 > | |
|--|-----------------|
| 名称 | 修改日期 |
| Ubuntu22.04-27a92698.vmem.lck | 2023/10/9 12:00 |
| Ubuntu22.04.vmx | 2024/1/9 11:53 |

Select the virtual machine name and click Play virtual machine.



If it is the first time to open the virtual machine, the following window will be prompted, click 'I have copied the virtual machine'.



Then wait for the virtual machine to start.

3. System username and password

The virtual machine system of the product is Ubuntu 22.04, and the username and password are as follows:

Username: yahboom

Password: yahboom

Root password: yahboom

4. Check the IP address of the virtual machine

Open the system terminal and enter the command to query the IP address. Usually, inet under ens33 is the IP address of the current virtual machine.

```
ifconfig
```

```
yahboom@yahboom-VM:~$ ifconfig
docker0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 172.17.0.1 netmask 255.255.0.0 broadcast 172.17.255.255
    ether 02:42:24:22:1a:93 txqueuelen 0 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.2.182 netmask 255.255.255.0 broadcast 192.168.2.255
    inet6 fe80::692b:5018:3d78:24dc prefixlen 64 scopeid 0x20::
    ether 00:0c:29:e3:49:ec txqueuelen 1000 (Ethernet)
    RX packets 2347 bytes 2886014 (2.8 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 788 bytes 189523 (189.5 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```