

Sertag Linux-eRetail3.1 installation

Smart Electronic TAG

Intelligent Retail



Intelligent Manufacturing



Intelligent Warehousing

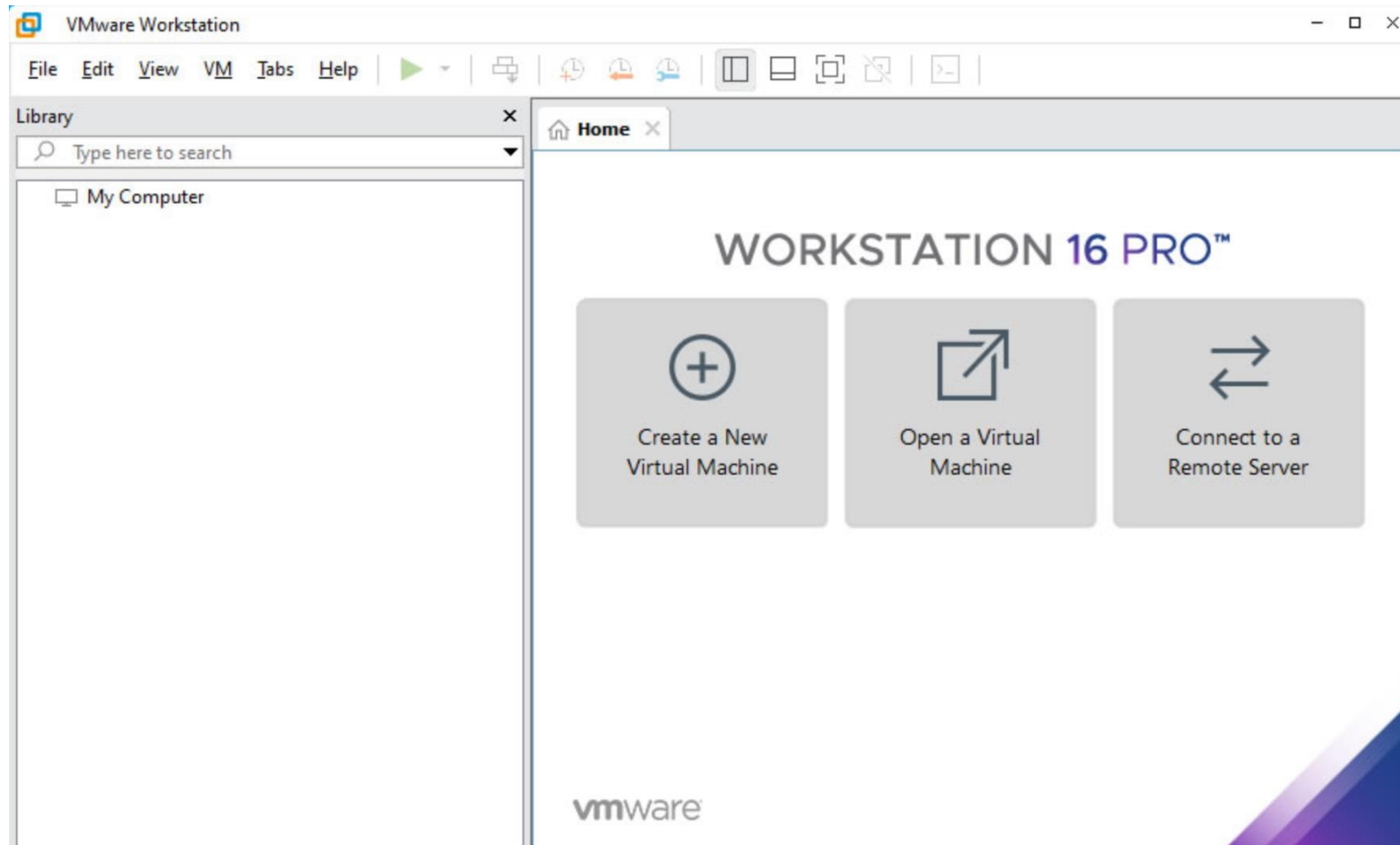


(1) Linux system

Install software: VMware-workstation-full-16.1.2-17966106

Download link: <https://pan.quark.cn/s/93d1dcacf4b5> (Quark Network Disk)

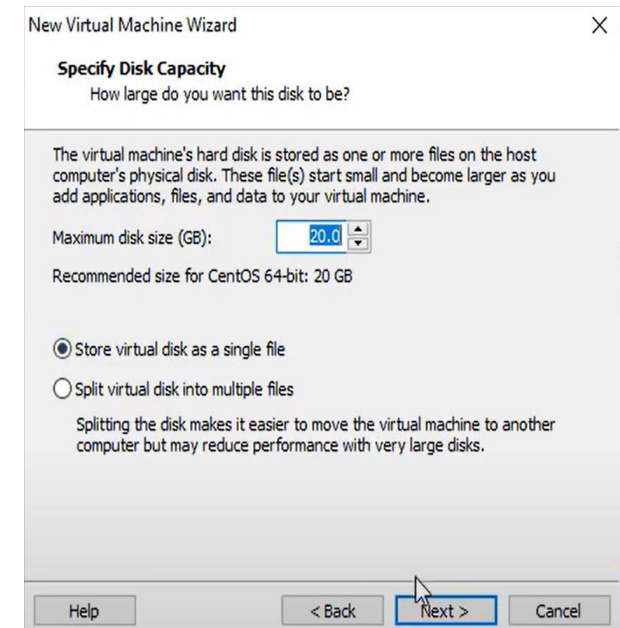
Activation key: ZF3R0-FHED2-M80TY-8QYGC-NPKYF



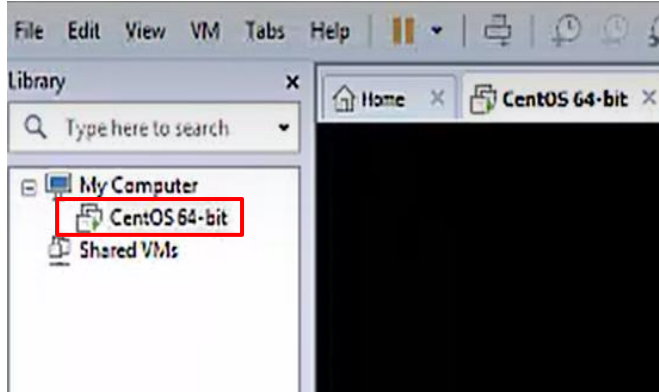
Click to create a new virtual machine-typical-Select the installer disc image file-CentOS-8.1.1911-x86_64-dvd1(disc image file)-Enter custom username and password-Select the installation location and wait for installation-Select a single file-Custom hardware memory selection4/8G

Download link:

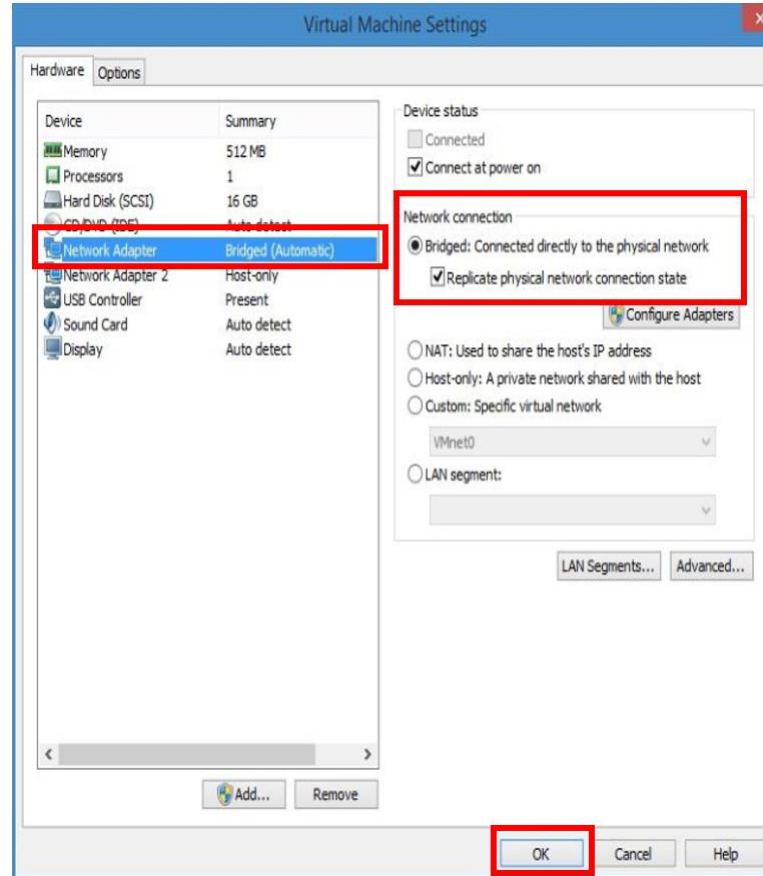
http://mirrors.aliyun.com/centos/8.5.2111/isos/x86_64/CentOS-8.5.2111-x86_64-dvd1.iso



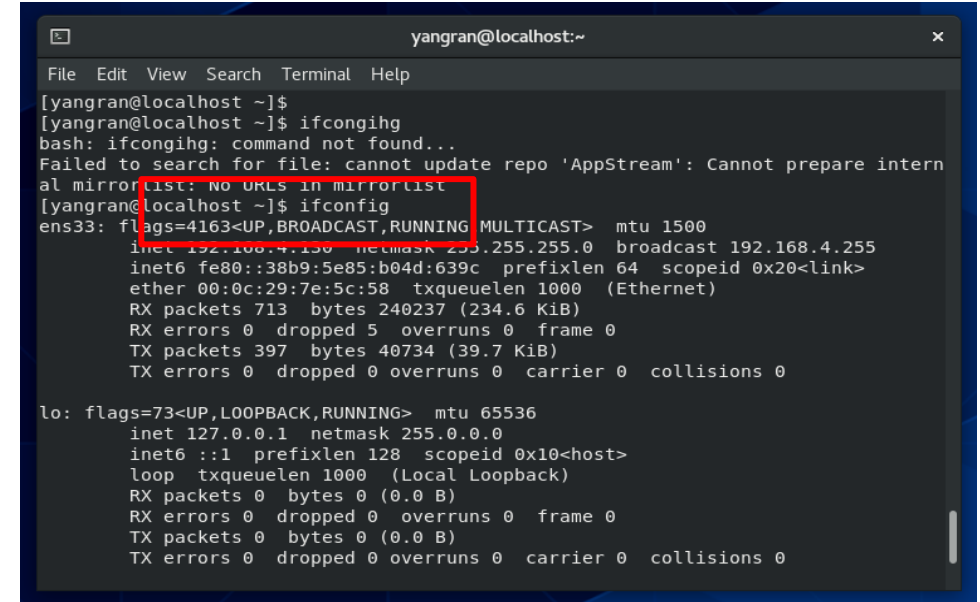
(2) Mapping IP



Right-click and select Settings



Check IP



Computers in the same number segment as the host, The same LAN can access the eRetail3.1 system of the virtual machine.

(3) Installation environment & eRetail3.1 system

Switch root account

- sudo
- sudo -i
- sudo passwd root
- su

Run command prompt:
Failed to download metadata for repo 'AppStream'
Click this link to resolve the issue
<https://blog.csdn.net/zuiyijianguan/article/details/123796108>

2:Dockers Install

<https://docs.docker.com/engine/install/centos/>

- yum install -y yum-utils (Install yum-utils Packages)
- yum-config-manager --add-repo <https://download.docker.com/linux/centos/docker-ce.repo>
- yum install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin (Install docker)
- systemctl start docker (start updocker)
- docker ps (Examine)

(4) Install deployAll.sh script

- rz (Open a local file and select the file deployAll Make an upload)
- chmod-R 777 deployAll.sh (Authorize)
- ./deployAll.sh (Executable file)
- 4000 (Backend port)
- 9071 (Base station port)
- 4001 (API port)
- 4002 (VideoService port)
- Server address IP
- dockers ps (Examine)

After the eRetail3.1 system is installed, enter the backend address into the local browser to activate the system.

```
-----END-----
[root@localhost ~]# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
460efacd7f41	eretail31/videoservice:latest	"dotnet Titan.VideoS..."	15 minutes ago	Up 15 minutes	0.0.0.0:4002->80/tcp, :::4002->80/tcp	videoservice
98f2f4c7dbb1	eretail31/tftapi:latest	"dotnet Titan.TFTAPI..."	15 minutes ago	Up 15 minutes	0.0.0.0:4001->80/tcp, :::4001->80/tcp	tftapi
b63cd2367335	eretail31/datasync:latest	"dotnet Titan.DataSy..."	15 minutes ago	Up 15 minutes		datasync
17a460034bc9	eretail31/sendserver:latest	"dotnet Titan.Server..."	15 minutes ago	Up 15 minutes	0.0.0.0:9071->9071/tcp, :::9071->9071/tcp	sendserver
a6c0aelc8749	eretail31/cloud:latest	"dotnet Titan.Cloud..."	15 minutes ago	Up 15 minutes	1234/tcp, 0.0.0.0:4000->80/tcp, :::4000->80/tcp	titan
4ec7a0daf5a9	redis:latest	"docker-entrypoint.s..."	16 minutes ago	Up 16 minutes	6379/tcp	redis
b8b9b477af49	mysql:latest	"docker-entrypoint.s..."	16 minutes ago	Up 16 minutes	0.0.0.0:3306->3306/tcp, :::3306->3306/tcp, 33060/tcp	mysql

(5) Upgrade procedure: Cloud, DataSync, SendServer, TFTAPI, VideoService. The upgrade package needs to delete appsettings.json, upgrade Cloud first, and upgrade the rest in sequence.

- rz
- ls
- unzip file name (Unzip files)
- cd file name (Copy the last folder of the file directory)
- pwd (View current directory)
- mv /root/file name A/file name B//root
- cd.. (Back to previous)
- mv file name app (Modify the file name to app)
- docker restart Container name (Restart container)

5: Delete naming

- rm -f name
- rm -rf name

```
total 82132
-rw----- 1 root root    2646 Sep 17 19:46 anaconda-ks.cfg
drwxr-xr-x 3 root root      21 Sep 17 23:48 Cloud16
-rw-r--r-- 1 root root 84083774 Sep 12 00:51 Cloud16.zip
-rwxrwxrwx 1 root root    5269 Sep 17 19:42 deployAll.sh
-rw----- 1 root root    2066 Sep 17 19:46 original-ks.cfg
[root@localhost ~]# mv /root/Cloud16/Cloud16/Cloud
mv: missing destination file operand after '/root/Cloud16/Cloud16/Cloud'
Try 'mv --help' for more information.
[root@localhost ~]# mv /root/Cloud16/Cloud16/Cloud/ /root
[root@localhost ~]# ll
total 82144
-rw----- 1 root root    2646 Sep 17 19:46 anaconda-ks.cfg
drwxr-xr-x 8 root root    8192 Sep 12 15:48 Cloud ←
drwxr-xr-x 3 root root      21 Sep 17 23:48 Cloud16
-rw-r--r-- 1 root root 84083774 Sep 12 00:51 Cloud16.zip
-rwxrwxrwx 1 root root    5269 Sep 17 19:42 deployAll.sh
-rw----- 1 root root    2066 Sep 17 19:46 original-ks.cfg
[root@localhost ~]#
```

```
[root@localhost ~]# docker exec -it titan /bin/bash
root@a6c0aelc8749:/app#
```

(6) View log

- docker exec -it **Container name** /bin/bash (Enter the container)
- cd logs (Enter log file)
- cd system (Log storage directory)
- ls (View log files)
- cat **Log file name** (Open the log)
- exit (Exit container)
- docker logs --tail 10 **Container name** (View the latest 10 lines of logs in the root directory)
- docker logs -f **Container name** (View the real-time update log in the root directory)

(7) Revise appsettings.json content

- docker cp **Container name:/app/appsettings.json**/root/appsettings.json
- cd /root
- vim **file name** (Enter file)
- i (Modify command)
- :wq (Save and exit)
- cat appsettings.json
- docker cp appsettings.json **Container name:/**
- docker restart **Container name**



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