Sertag Linux-eRetail3.1 installation

Smart Electronic TAG

Intelligent Retail

Intelligent Manufacturing

Intelligent Warehousing
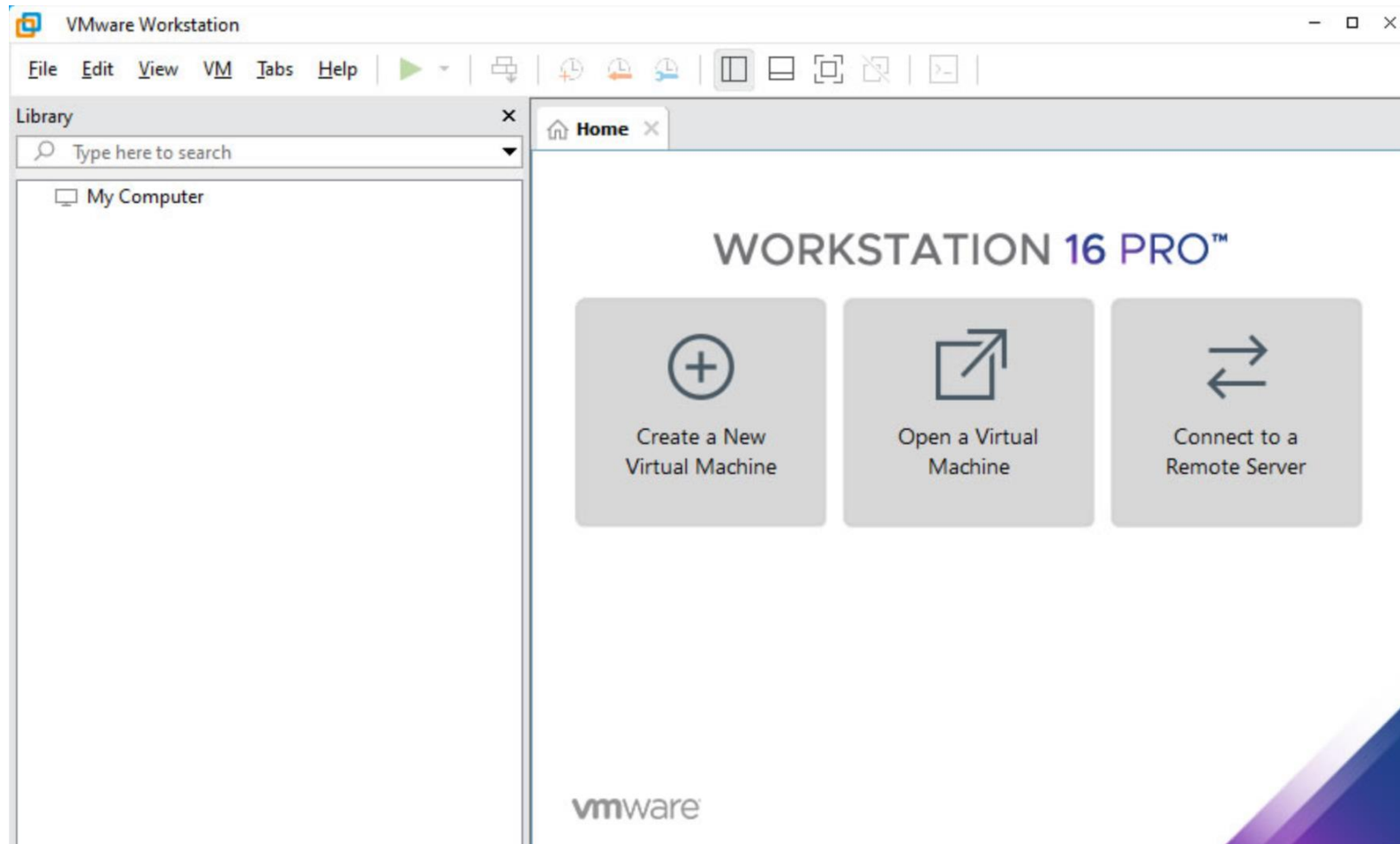
Dalian Sertag Technology Co.,Ltd
www.eslmfg.com

(1) Linux system

Install software: VMware-workstation-full-16.1.2-17966106
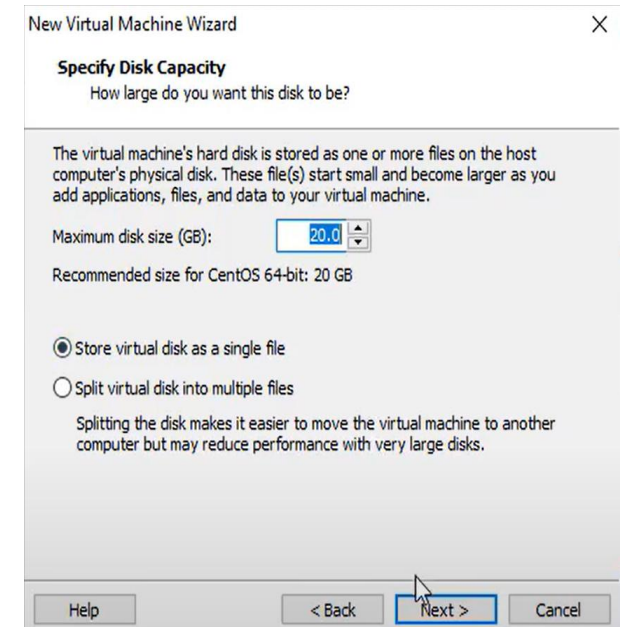Download link: https://pan.quark.cn/s/93d1dcacf4b5(Quark Network Disk)
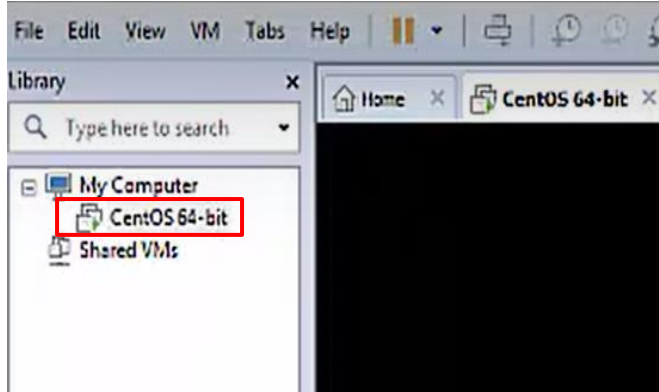
Activation key: ZF3R0-FHED2-M80TY-8QYGC-NPKYF

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
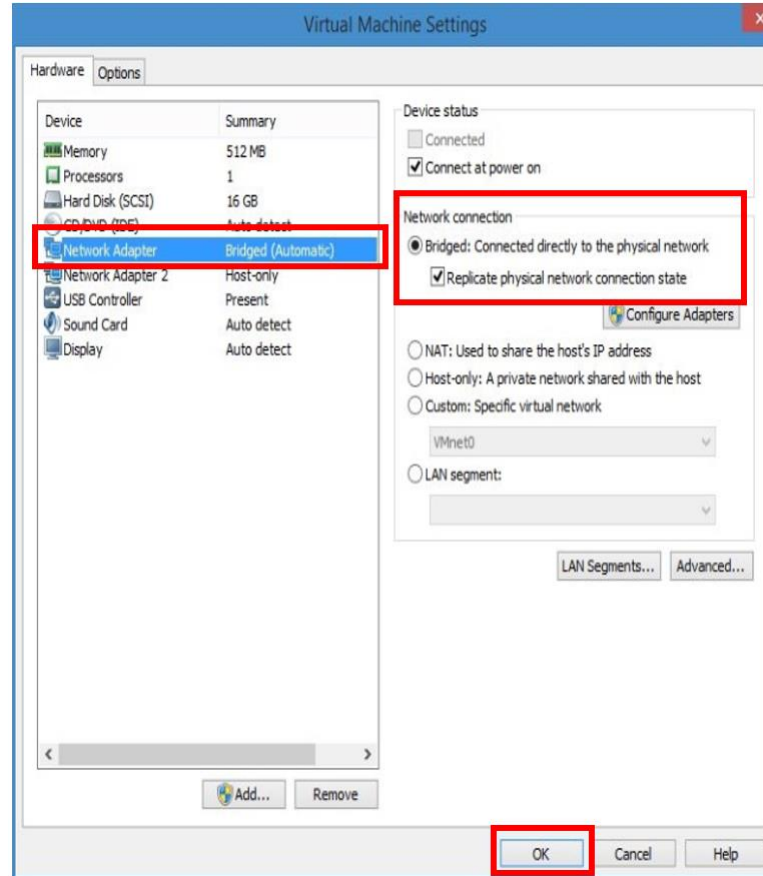
Download link: http://mirrors.aliyun.com/centos/8.5.2111/isos/x86_64/CentOS-8.5.2111-x86_64-dvd1.iso
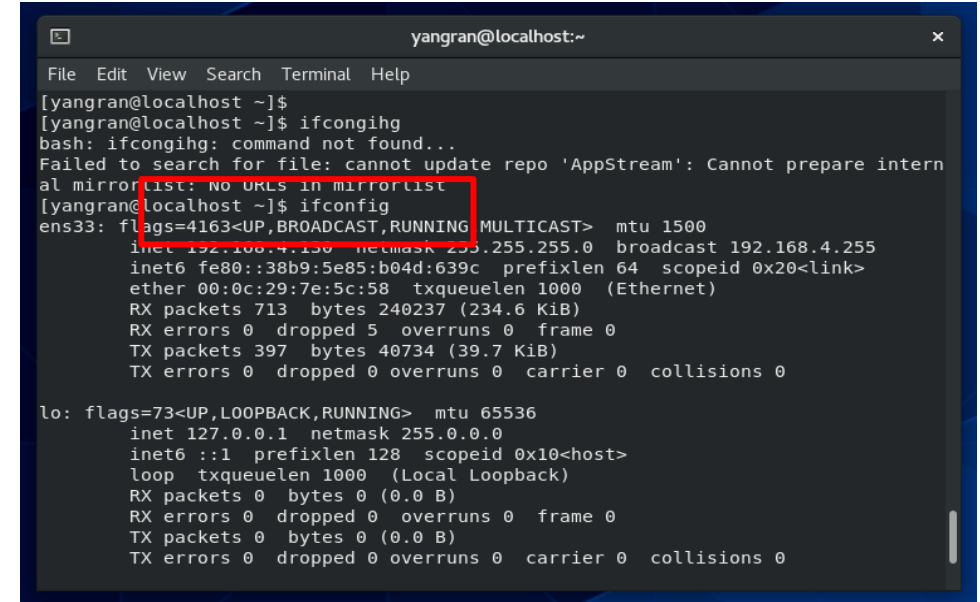
(2) Mapping IP

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.

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/zuiyijiangnan/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
a6c0ae1c8749   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@a6c0ae1c8749:/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

SERTAG
SMART TAG LEADER

Contact us

86 411-84641910

86 136642687353

www.eslmfg.com

sales@sertag.com