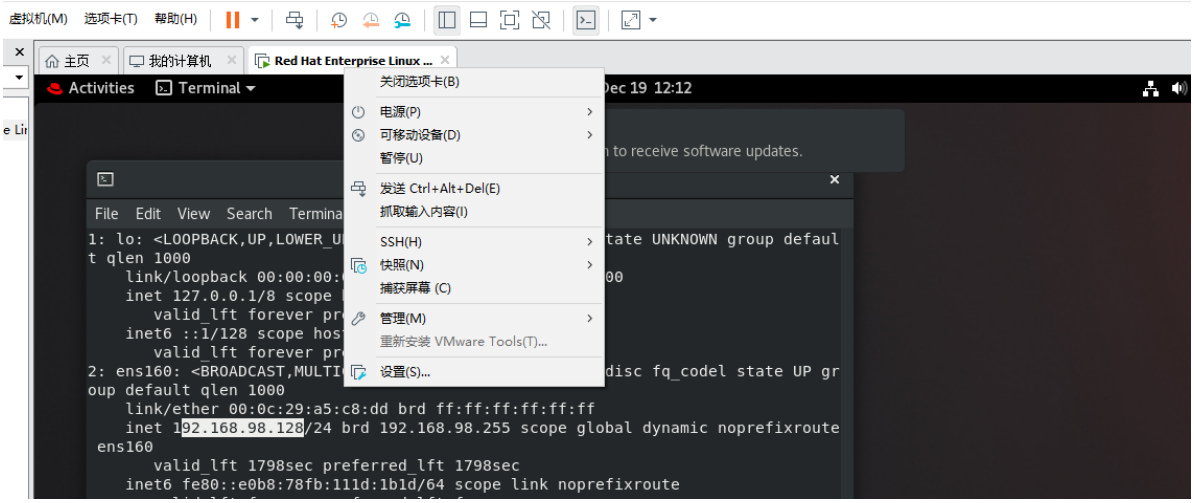
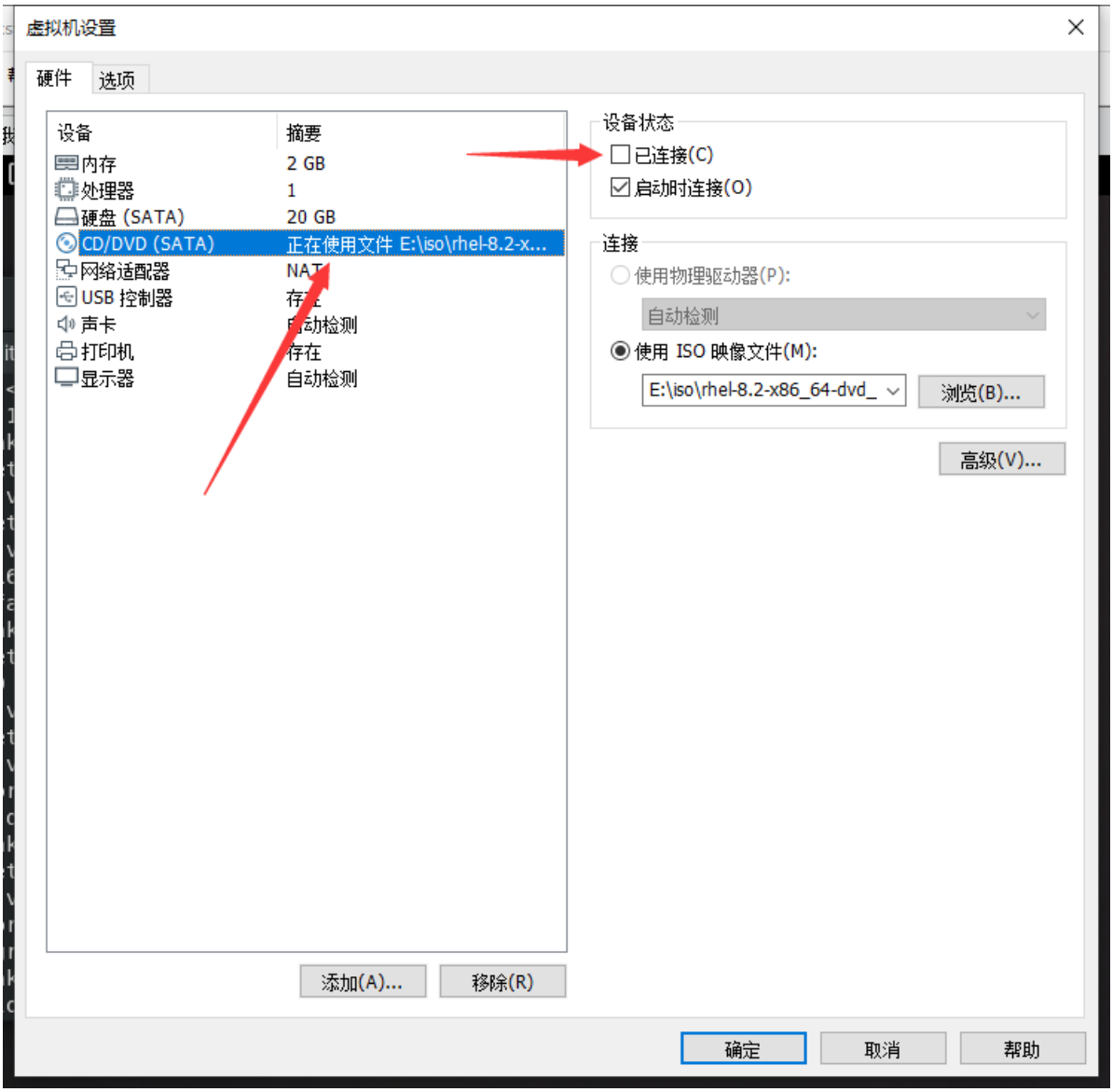
YUM源本地配置与网络配置（rhel8）

一、配置本地yum源

①vm虚拟机安装rhel8请先在设置里进行连接光盘





②创建文件夹作为挂载点，写入自动挂载

```
[root@localhost ~]# lsblk
NAME          MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sda             8:0    0   20G  0 disk
├─sda1          8:1    0    1G  0 part /boot
└─sda2          8:2    0   19G  0 part
  ├─rhel-root 253:0    0   17G  0 lvm  /
  └─rhel-swap 253:1    0    2G  0 lvm  [SWAP]
sr0            11:0    1  7.9G  0 rom  /run/media/root/RHEL-8-2-0-BaseOS-x86_64
[root@localhost ~]# mkdir /iso 创建挂载点
[root@localhost ~]# echo "/dev/sr0 /iso iso9660 default 0 0" >> /etc/fstab 写入fstab自动挂载
[root@localhost ~]# mount -a
mount: /iso: WARNING: device write-protected, mounted read-only.
[root@localhost ~]# lsblk
NAME          MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sda             8:0    0   20G  0 disk
├─sda1          8:1    0    1G  0 part /boot
└─sda2          8:2    0   19G  0 part
  ├─rhel-root 253:0    0   17G  0 lvm  /
  └─rhel-swap 253:1    0    2G  0 lvm  [SWAP]
sr0            11:0    1  7.9G  0 rom  /iso
[root@localhost ~]#
```

③配置本地yum仓库（rhel8与rhel7配置不同）

```
sr0            11:0    1  7.9G  0 rom  /iso
[root@localhost ~]# vim /etc/yum.repos.d/iso.repo 进入yum.repos.d 文件夹下创建repo文件
```

```
[iso-base]
name=iso-base
baseurl=file:///iso/BaseOS
gpgcheck=0
enable=1

[iso-appstream]
name=iso-appstream
baseurl=file:///iso/AppStream
gpgcheck=0
enable=1
~
~
~
```

④清除yum缓存 查看自己yum已经配好

```
[root@localhost ~]# yum clean all && yum repolist all
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription
-manager to register.
0 files removed
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription
-manager to register.
repo id                                 repo name                                 status
iso-appstream                           iso-appstream                             enabled
iso-base                                iso-base                                  enabled
[root@localhost ~]#
```

⑤测试安装ftp 安装成功

```
[root@localhost ~]# yum install -y vsftpd
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription
-manager to register.
iso-base                                                 11 MB/s | 2.3 MB     00:00
iso-appstream                                            69 MB/s | 5.8 MB     00:00
Dependencies resolved.
================================================================================
 Package          Architecture     Version                 Repository          Size
================================================================================
Installing:
 vsftpd           x86_64           3.0.3-31.el8            iso-appstream      180 k

Transaction Summary
================================================================================
Install  1 Package

Total size: 180 k
Installed size: 343 k
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                        1/1
  Installing       : vsftpd-3.0.3-31.el8.x86_64                             1/1
  Running scriptlet: vsftpd-3.0.3-31.el8.x86_64                             1/1
  Verifying        : vsftpd-3.0.3-31.el8.x86_64                             1/1
Installed products updated.

Installed:
  vsftpd-3.0.3-31.el8.x86_64

Complete!
```

二、阿里云镜像站配置yum

①确保主机可以连接外网 测试

```
[root@localhost ~]# ping www.baidu.com
PING www.a.shifen.com (14.215.177.38) 56(84) bytes of data.
64 bytes from 14.215.177.38 (14.215.177.38): icmp_seq=1 ttl=128 time=23.6 ms
64 bytes from 14.215.177.38 (14.215.177.38): icmp_seq=2 ttl=128 time=23.6 ms
^C
--- www.a.shifen.com ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 6ms
rtt min/avg/max/mdev = 23.562/23.600/23.639/0.158 ms
[root@localhost ~]#
```

②下载新的 CentOS-Base.repo 到 /etc/yum.repos.d/

```
wget -O /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repo/Centos-8.repo
```

```
[root@localhost ~]# wget -O /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repo/Centos-8.repo
--2020-12-19 12:30:19--  https://mirrors.aliyun.com/repo/Centos-8.repo
Resolving mirrors.aliyun.com (mirrors.aliyun.com)... 27.19.250.239, 27.19.250.238, 27.19.252.241, ...
Connecting to mirrors.aliyun.com (mirrors.aliyun.com)|27.19.250.239|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2595 (2.5K) [application/octet-stream]
Saving to: '/etc/yum.repos.d/CentOS-Base.repo'

/etc/yum.repos.d/CentO 100%[=========================>]   2.53K  --.-KB/s    in 0s

2020-12-19 12:30:19 (68.0 MB/s) - '/etc/yum.repos.d/CentOS-Base.repo' saved [2595/2595]

[root@localhost ~]#
```

③非阿里云ECS用户会出现 Couldn't resolve host 'mirrors.cloud.aliyuncs.com' 信息，不影响使用。用户也可自行修改相关配置:

```
sed -i -e '/mirrors.cloud.aliyuncs.com/d' -e '/mirrors.aliyuncs.com/d' /etc/yum.repos.d/CentOS-Base.repo
```

④测试安装nginx 安装成功

```
[root@localhost ~]# yum install -y nginx
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription-manager to register.
CentOS-8 - Base - mirrors.aliyun.com                    4.7 MB/s | 2.3 MB     00:00
CentOS-8 - Extras - mirrors.aliyun.com                   32 kB/s | 8.6 kB     00:00
CentOS-8 - AppStream - mirrors.aliyun.com                7.2 MB/s | 6.3 MB     00:00
Dependencies resolved.
================================================================================
 Package               Arch   Version                                Repository     Size
================================================================================
Installing:
 nginx                 x86_64 1:1.14.1-9.module+el8.0.0+4108+af250afe iso-appstream 570 k
Installing dependencies:
 nginx-all-modules     noarch 1:1.14.1-9.module+el8.0.0+4108+af250afe iso-appstream  24 k
 nginx-filesystem      noarch 1:1.14.1-9.module+el8.0.0+4108+af250afe iso-appstream  24 k
 nginx-mod-http-image-filter
                       x86_64 1:1.14.1-9.module+el8.0.0+4108+af250afe iso-appstream  35 k
 nginx-mod-http-perl   x86_64 1:1.14.1-9.module+el8.0.0+4108+af250afe iso-appstream  46 k
 nginx-mod-http-xslt-filter
                       x86_64 1:1.14.1-9.module+el8.0.0+4108+af250afe iso-appstream  34 k
 nginx-mod-mail        x86_64 1:1.14.1-9.module+el8.0.0+4108+af250afe iso-appstream  64 k
 nginx-mod-stream      x86_64 1:1.14.1-9.module+el8.0.0+4108+af250afe iso-appstream  85 k
Enabling module streams:
 nginx                       1.14

Transaction Summary
================================================================================
Install  8 Packages

Total size: 881 k
Installed size: 2.0 M
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
```