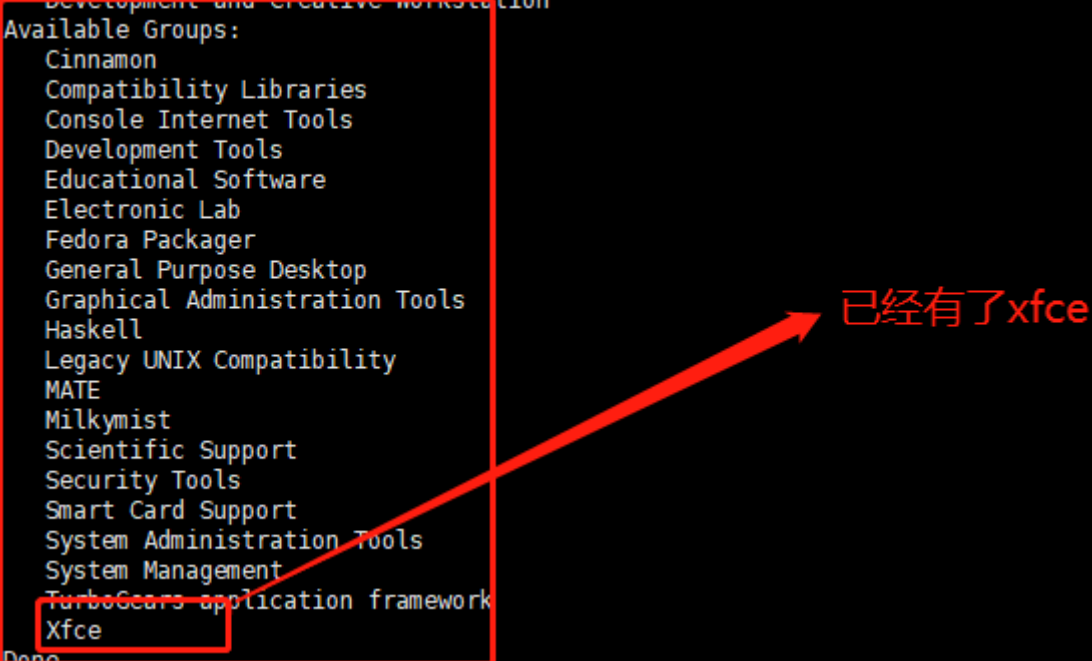yum install epel-release -y

yum grouplist   #其中Available Groups代表未安装的分组

```
[root@slave1 ~]# yum grouplist
Loaded plugins: fastestmirror
There is no installed groups file.
Maybe run: yum groups mark convert (see man yum)
Loading mirror speeds from cached hostfile
epel/x86_64/metalink
 * base: mirror.jdcloud.com
 * epel: mirrors.yun-idc.com
 * extras: mirrors.aliyun.com
 * updates: mirrors.aliyun.com
epel
mysql-connectors-community
(1/3): epel/x86_64/group_gz
(2/3): epel/x86_64/primary_db
(3/3): epel/x86_64/updateinfo
Available Environment Groups:
    Minimal Install
    Compute Node
    Infrastructure Server
    File and Print Server
    Cinnamon Desktop
    MATE Desktop
    Basic Web Server
    Virtualization Host
    Server with GUI
    GNOME Desktop
    KDE Plasma Workspaces
    Development and Creative Workstation
Available Groups:
    Cinnamon
    Compatibility Libraries
    Console Internet Tools
    Development Tools
    Educational Software
    Electronic Lab
    Fedora Packager
    General Purpose Desktop
    Graphical Administration Tools
    Haskell
    Legacy UNIX Compatibility
    MATE
    Milkymist
    Scientific Support
    Security Tools
    Smart Card Support
    System Administration Tools
    System Management
    TurboGears application framework
    Xfce
Done
```

已经有了xfce

如果系统中已安装会提示在Installed Groups中：

```
Installed Groups:
   Graphical Administration Tools
   Xfce
Available Groups:
   Cinnamon
   Compatibility Libraries
   Console Internet Tools
   Development Tools
   Educational Software
   Electronic Lab
   Fedora Packager
   General Purpose Desktop
   Haskell
   LXQt Desktop
   Legacy UNIX Compatibility
   MATE
   Milkymist
   Scientific Support
   Security Tools
```

yum groupinstall "X Window system"

yum groupinstall xfce

systemctl isolate graphical.target

yum install vnc-server

cp /lib/systemd/system/vncserver@.service /etc/systemd/system/vncserver@:1.service

vi /etc/systemd/system/vncserver@:1.service #修改下面信息为自己的

ExecStart=/sbin/runuser -l <USER>-c "/usr/bin/vncserver %i"

PIDFile=/home/<USER>/.vnc/%H%i.pid

```
# Clean any existing files in /tmp/.X11-unix environment
ExecStartPre=/bin/sh -c '/usr/bin/vncserver -kill %i > /dev/null 2>&1 || :'
ExecStart=/usr/sbin/runuser -l root -c "/usr/bin/vncserver %i"
PIDFile=/root/.vnc/%H%i.pid
ExecStop=/bin/sh -c '/usr/bin/vncserver -kill %i > /dev/null 2>&1 || :'

[Install]
```

这里以root为例，修改后如下：

ExecStart=/usr/sbin/runuser -l root -c "/usr/bin/vncserver %i"

PIDFile=/root/.vnc/%H%i.pid

设置vnc密码：

vncpasswd

systemctl daemon-reload

systemctl enable vncserver@:1.service && systemctl start vncserver@:1.service

vi /root/.vnc/xstartup #内容如下

```
#!/bin/sh
# Uncomment the following two lines for normal desktop:
unset SESSION_MANAGER
#exec /etc/X11/xinit/xinitrc
[ -x /etc/vnc/xstartup ] && exec /etc/vnc/xstartup
[ -r $HOME/.Xresources ] && xrdb $HOME/.Xresources
xsetroot -solid grey
vncconfig -iconic &
startxfce4 &
```

重启服务：

systemctl restart vncserver@:1.service

客户端远程连接：

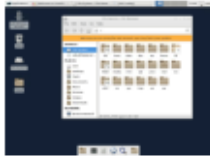http://mirror.xrk.org/vnc/VNC-Viewer-6.20.113-Windows.exe

输入ip:1连接：

192.168.1.100:1