同济大学计算机网络 实验报告



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题目: 虚拟机及各类软件安装配置

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1.安装过程此处省略.....下面截图可以证明安装成功了......

2.登录 CentOS 7 64 位系统, 修改 ifcfg-ens32 配置文件使网卡正常工作:

```
RHEL74-SVR login: root
Password:
Login incorrect
RHEL74-SVR login: root
Password:
Last failed login: Sat Sep 15 13:50:30 CST 2018 on tty1
There were 4 failed login attempts since the last successful login.
Last login: Sat Sep 15 13:38:59 on tty1
[root@RHEL74-SUR~1# ifconfig
ens32: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.80.230 netmask 255.255.255.0 broadcast 192.168.80.255
           inet6 fe80::7f81:ad74:ddee:633e prefixlen 64 scopeid 0x20link> ether 00:0c:29:70:37:d4 txqueuelen 1000 (Ethernet)
RX packets 0 bytes 0 (0.0 B)
           RX errors 0 dropped 0 overruns 0 frame 0
           TX packets 13 bytes 954 (954.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo:flags=73<UP,LOOPBACK,RUNNING> mtu 65536
            inet 127.0.0.1 netmask 255.0.0.0 inet6 ::1 prefixlen 128 scopeid 0x10<host>
           loop txqueuelen 1000 (Local Loopback)
RX packets 104 bytes 8336 (8.1 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
            TX packets 104 bytes 8336 (8.1 KiB)
           TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[root@RHEL74-SVR ~]#
```

3.设置宿主机/虚拟机的 ip 地址在同一网段,使宿主机和虚拟机能 ping 通:

```
Microsoft Windows [版本 10.0.17134.228]
(c) 2018 Microsoft Corporation。保留所有权利。

C:\Users\admin>ping 192.168.80.230

正在 Ping 192.168.80.230 具有 32 字节的数据:
来自 192.168.80.230 的回复:字节=32 时间<1ms TTL=64
来自 192.168.80.230 的回复:字节=32 时间=1ms TTL=64
来自 192.168.80.230 的回复:字节=32 时间=1ms TTL=64
来自 192.168.80.230 的回复:字节=32 时间=2ms TTL=64

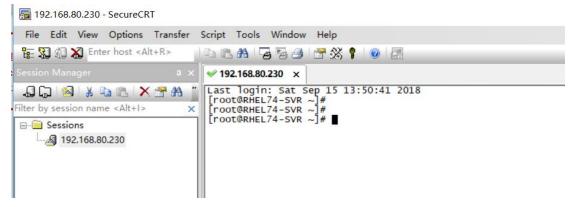
来自 192.168.80.230 的回复:字节=32 时间=2ms TTL=64

192.168.80.230 的 Ping 统计信息:
数据包:已发送=4,已接收=4,丢失=0(0% 丢失),
往返行程的估计时间(以毫秒为单位):最短=0ms,最长=2ms,平均=1ms

C:\Users\admin>
```

```
--- 192.168.80.1 ping statistics ---
52 packets transmitted, 52 received, 0% packet loss, time 51162ms
rtt min/avg/max/mdev = 0.207/0.801/3.466/0.557 ms
[root@RHEL74-SUR ~1# ping 192.168.80.1
PING 192.168.80.1 (192.168.80.1) 56(84) bytes of data.
64 bytes from 192.168.80.1: icmp_seq=1 ttl=128 time=0.213 ms
64 bytes from 192.168.80.1: icmp_seq=2 ttl=128 time=0.935 ms
64 bytes from 192.168.80.1: icmp_seq=3 ttl=128 time=0.702 ms
64 bytes from 192.168.80.1: icmp_seq=4 ttl=128 time=0.250 ms
64 bytes from 192.168.80.1: icmp_seq=5 ttl=128 time=0.211 ms
64 bytes from 192.168.80.1: icmp_seq=6 ttl=128 time=0.817 ms
64 bytes from 192.168.80.1: icmp_seq=7 ttl=128 time=0.246 ms
64 bytes from 192.168.80.1: icmp_seq=8 ttl=128 time=0.543 ms
64 bytes from 192.168.80.1: icmp_seq=9 ttl=128 time=0.220 ms
64 bytes from 192.168.80.1: icmp_seq=10 ttl=128 time=0.748 ms
64 bytes from 192.168.80.1: icmp_seq=11 ttl=128 time=0.748 ms
64 bytes from 192.168.80.1: icmp_seq=12 ttl=128 time=0.748 ms
64 bytes from 192.168.80.1: icmp_seq=12 ttl=128 time=0.522 ms
67 c--- 192.168.80.1 ping statistics ---
12 packets transmitted, 12 received, 0% packet loss, time 11037ms
rtt min/avg/max/mdev = 0.213/0.579/1.049/0.283 ms
[root@RHEL74-SUR ~1# ^C
```

4.在 ping 通的基础上,使用 SecureCRT 能登陆 Linux:



5.修改 Linux 配置文件, 使中文显示正常:

-rw-----. 1 root root 1412 9月

-rw-r--r--. 1 root root

-rw-r--r--. 1 root root [root@RHEL74-SVR ~]# ■

```
[root@RHEL74-SVR ~1# echo $LANG
zh_CN.gb18030
[root@RHEL74-SVR ~]# ls -1
maconda-ks.cfg
test.txt
root@RHEL74-SUR ~1# echo $LANG
zh_CN.gb18030
"test.txt" 1L, 5C written
[root@RHEL74-SVR ~]# echo test.txt
test.txt
[root@RHEL74-SVR ~]# cat test
cat: test: 没有那个文件或目录
[root@RHEL74-SVR ~]# cat test.txt
你好
[root@RHEL74-SVR ~]#
Last login: Sat Sep 15 15:33:30 2018
 [root@RHEL74-SVR ~]# 11
 总用量 8
```

5 9月

0 9月

15 10:55 anaconda-ks.cfg

15 14:51 test.txt

15 15:13 测试.txt

首先启动 mariadb.service:

```
[root@RHEL74-SUR ~]# systemctl start mariadb.service
[root@RHEL74-SUR ~]# systemctl enable mariadb.service
Created symlink from /etc/systemd/system/multi-user.target.wants/mariadb.service to /usr/lib/systemd
/system/mariadb.service.
```

查看 mysql 启动状态:

登录 mysql 服务, 初始密码为空:

```
[root@RHEL74-SUR ~]# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 2
Server version: 5.5.56-MariaDB MariaDB Server
Copyright (c) 2000, 2017, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or 'Nh' for help. Type 'Nc' to clear the current input statement.
MariaDB [(none)]>
```

修改 mysal 登录密码:

```
MariaDB [(none)]> USE mysqld
ERROR 1049 (42000): Unknown database 'mysqld'
MariaDB [(none)]> USE mysql
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
Database changed
MariaDB [mysql]> UPDATE user SET password=PASSWORD('') WHERE User='root' AND Host='localhost';
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1 Changed: 0 Warnings: 0
MariaDB [mysql]> FLUSH PRIVILEGES
Query OK, 0 rows affected (0.00 sec)
MariaDB [mysql]>
```

7.

修改 Mysql 文件配置,增加 Init_connect='SET NAMES gbk' Default_character_set=gbk [client] Default_character_set=gbk [mysql] Default_character_set=gbk

```
imysqld]
init_connect='SET NAMES gbk'
character_set_server=gbk
datadir=/var/lib/mysql
socket=/var/lib/mysql/mysql.sock
# Disabling symbolic-links is recommended to prevent assorted security risks
symbolic-links=0
# Settings user and group are ignored when systemd is used.
# If you need to run mysqld under a different user or group,
# customize your systemd unit file for mariadb according to the
# instructions in http://fedoraproject.org/wiki/Systemd
```

Restart mysql.service 重启 mysql 服务, 显示更改结果 (show variables like 'character_set %'):

```
MariaDB [(none)]> show variables like 'character_set_%';
| Variable_name
                           | Value
| character_set_client
                           | gbk
| character_set_connection |
| character_set_database
                             gbk
                             binary
 character_set_filesystem |
 character_set_results
                             gbk
 character_set_server
                             gbk
 character_set_system
                           utf8
                           /usr/share/mysql/charsets/
 character_sets_dir
8 rows in set (0.00 sec)
```

导入 sql 文件 (demo.sql):

采用逐条输入的方法输入 sql 信息:

```
MariaDB [demo]> create table student(sno varchar(20),sname varchar(20),ssex varchar (20), sage varchar(20), sdept varchar(20));

Query OK, O rows affected (0.01 sec)
MariaDB [demo]> describe student
 | Field | Type
                                    Null | Key | Default | Extra
  sno | varchar(20)
sname | varchar(20)
ssex | varchar(20)
sage | varchar(20)
sdept | varchar(20)
                                    YES
                                                        NULL
                                    YES
                                                        NULL
                                    YES
                                                         NULL
                                    YES
YES
                                                         NULL
                                                        NULL
5 rows in set (0.00 sec)
MariaDB [demo]> insert into student
-> values('200215121','李晨','男','20','CS');
Query OK, 1 row affected (0.01 sec)
MariaDB [demo]> insert into student values('200215122','刘晨','女','20','CS');
Query OK, 1 row affected (0.00 sec)
MariaDB [demo]> insert into student values('200215123','王敏','女','18','MA');
Query OK, 1 row affected (0.00 sec)
MariaDB [demo]> insert into student values('2002151224','张立','男','19','IS');
Query OK, 1 row affected (0.00 sec)
MariaDB [demo]> select * from student
  sno
                       sname | ssex |
                                             sage
                                                        sdept
   200215121
                                                        CS
                                   女女男
   200215122 2002151223
                                             20
18
                                                        CS
MA
   2002151224
                      张立
4 rows in set (0.00 sec)
```

8.

首先挂载光盘,并新建并修改配置文件 CDROM.repo:

```
[root@RHEL74-SVR ~]# mount-t auto /dev/cdrom /mnt/cdrom -bash: mount-t: 未找到命令
[root@RHEL74-SVR ~]# mount -t auto /dev/cdrom /mnt/cdrom mount: /dev/sr0 写保护, 将以只读方式挂载
[root@RHEL74-SVR ~]# /etc/yum.repos.d/cdrom.repo -bash: /etc/yum.repos.d/cdrom.repo: 没有那个文件或目录
[root@RHEL74-SVR ~]# vi /etc/yum.repos.d/cdrom.repo
[base]
name=RedHat
baseurl=file:///media/cdrom
enabled=1
gpgcheck=0
gpgkey=file:///media/cdrom/RPM-GPG-KEY-redhat-release
```

Yum install php 安装 php, Appache:

```
mount: /dev/loop0 写保护,将以只读方式挂载
[root@localhost ~]# df
文件系统
                                         可用 已用% 挂载点
                        1K-块
                                 已用
/dev/mapper/rhel-root 17811456 5852800 11958656
                                                33% /
                                0 1921572
8916 1923736
                      1921572
                                                 0% /dev
devtmpfs
tmpfs
                      1932652
                                                 1% /run
tmpfs
                      1932652
                                   0 1932652
                                                 0% /sys/fs/cgroup
/dev/sda1
                      1038336 148560
                                       889776
                                                15% /boot
                      3963760 3963760
/dev/loop0
                                            0
                                              100% /media/cdrom
[root@localhost ~]# yum clean all
已加载插件: langpacks, product-id, search-disabled-repos, subscription-manager
This system is not registered with an entitlement server. You can use subscription-manager
Repository 'repository_url': Error parsing config: Error parsing "baseurl = 'repository_url
ftp, file or https not ""
姝e儿竻鐞鳴蒋浠舵簪锛
                      Cleaning up everything
Maybe you want: rm -rf /var/cache/yum, to also free up space taken by orphaned data from dis
[root@localhost ~]# yum install php
已加载插件: langpacks, product-id, search-disabled-repos, subscription-manager
This system is not registered with an entitlement server. You can use subscription-manager
Repository 'repository_url': Error parsing config: Error parsing "baseurl = 'repository_url
ftp, file or https not ""
base
(1/2): base/group_gz
(2/2): base/primary_db
正在解决依赖关系
 -> 正在检查事务
 --> 软件包 php.x86_64.0.5.4.16-42.el7 将被 安装
 -> 正在处理依赖关系 httpd-mmn = 20120211x8664, 它被软件包 php-5.4.16-42.el7.x86_64 需要
 -> 正在处理依赖关系 php-common(x86-64) = 5.4.16-42.el7, 它被软件包 php-5.4.16-42.el7.x86_64
-> 正在处理依赖关系 php-cli(x86-64) = 5.4.16-42.el7, 它被软件包 php-5.4.16-42.el7.x86_64 需
 -> 正在处理依赖关系 httpd. 它被软件包 php-5.4.16-42.el7.x86 64 需要
 -> 正在检查事务
 --> 软件包 httpd.x86_64.0.2.4.6-67.el7 将被 安装
 -> 正在处理依赖关系 httpd-tools = 2.4.6-67.el7, 它被软件包 httpd-2.4.6-67.el7.x86_64 需要
            : php-cli-5.4.16-42.el7.x86_64
 正在安装
            : mailcap-2.1.41-2.el7.noarch
            : httpd-tools-2.4.6-67.el7.x86_64
 正在安装
 正在安装
            : httpd-2.4.6-67.el7.x86_64
正在安装
            : php-5.4.16-42.el7.x86_64
ase/productid
验证中
            : httpd-2.4.6-67.el7.x86_64
 验证中
            : httpd-tools-2.4.6-67.el7.x86_64
            : php-cli-5.4.16-42.el7.x86_64
 验证中
 验证中
            : mailcap-2.1.41-2.el7.noarch
 验证中
            : php-5.4.16-42.el7.x86_64
 验证中
            : libzip-0.10.1-8.el7.x86_64
 验证中
            : php-common-5.4.16-42.el7.x86_64
已安装:
php.x86 64 0:5.4.16-42.el7
下为依赖被安装:
httpd.x86_64 0:2.4.6-67.el7
                                  httpd-tools.x86_64 0:2.4.6-67.el7
                                                                       libzip.x86_64 0:0
mailcap.noarch 0:2.1.41-2.el7
                                  php-cli.x86_64 0:5.4.16-42.el7
                                                                       php-common.x86_64
```

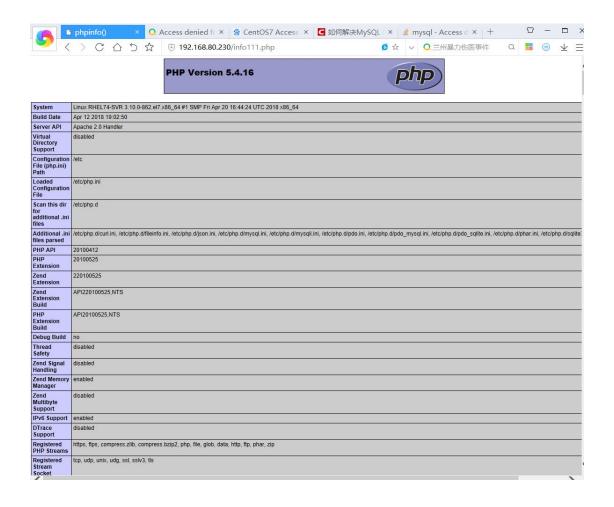
使用 Secure CRT 再次安装查看结果:

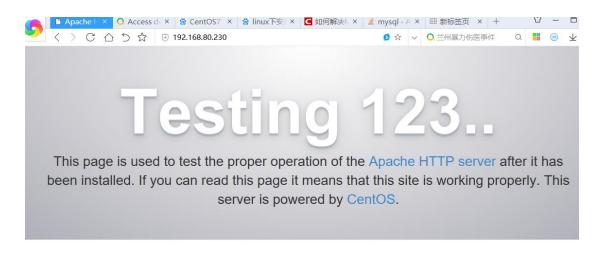
```
[root@RHEL74-SVR network-scripts]# cd ...
   root@RHEL74-SVR sysconfig]# cd ...
   root@RHEL74-SVR etc]# cd ..
  [root@RHEL74-SVR /]# cd ..
[root@RHEL74-SVR /]# yum install php
已加载插件: fastestmirror, langpacks
  Repository base is listed more than once in the configuration
 Loading mirror speeds from cached hostfile
        base: mirrors.shu.edu.cn
    * extras: mirrors.shu.edu.cn
    * updates: mirrors.zju.edu.cn
 软件包 php-5.4.16-45.el7.x86_64 已安装并且是最新版本
无须任何处理
[root@RHEL74-SVR /]# ■
[root@RHEL74-SVR home]# cd ..
[root@RHEL74-SVR /]# mount /home/CentOS-7-x86_64-DVD-1804.iso /media/cdrom/mount: 挂载点 /media/cdrom/ 不存在
[root@RHEL74-SVR /]# mount /home/CentOS-7-x86_64-DVD-1804.iso /media/cdrom/mount: /dev/loop0 写保护,将以只读方式挂载
[root@RHEL74-SVR /]# df
                                                                                   可用 已用% 挂载点
 文件系统
 /dev/mapper/centos-root 52403200 2095044
                                                                           50308156
                                                                                                0% /dev
0% /dev/shm
 devtmpfs
tmpfs
                                              2951692
2963964
                                                                             2951692
2963964
                                                                      0
                                                                       0
                                              2963964
                                                              11936
                                                                              2952028
 tmpfs
                                                                                                 1% /run
                                                                                              0% /sys/fs/cgroup
15% /boot
 tmpfs
                                              2963964
                                                            148456
 /dev/sda1
                                              1038336
                                                                               889880
 /dev/mapper/centos-home 208687556 4398456 204289100
tmpfs 592796 0 592796
                                                                                                3% /home
0% /run/user/0
 tmpfs
 /dev/loop0
                                              4364408 4364408
                                                                                             100% /media/cdrom
[root@RHEL74-SVR /]# yum clean all 已加數播件: fastestmirror, langpacks
Repository base is listed more than once in the configuration
妹 e 漆處呼葱杞 欢婧懵細 base extras updates
Cleaning up everything
Maybe you want: rm -rf /var/cache/yum, to also free up space taken by orphaned data f
rom disabled or removed repos
Cleaning up list of fastest mirrors
[root@RHEL74-SVR /]# yum install php
已加數播件: fastestmirror, langpacks
Repository base is listed more than once in the configuration
Determining fastest mirrors
* base: mirrors.shu.edu.cn
* extras: mirrors.shu.edu.cn
* updates: mirrors.zju.edu.cn
 [root@RHEL74-svR /]# yum clean all
已加载插件: fastestmirror, langpac
  * updates: mirrors.zju.edu.cn
 base
                                                                                                                3.6 kB
                                                                                                                              00:00:00
 extras
                                                                                                                3.4 kB
                                                                                                                              00:00:00
 updates
                                                                                                                3.4 kB
                                                                                                                               00:00:00
updates
(1/4): extras/7/x86_64/primary_db
(2/4): base/7/x86_64/group_gz
(3/4): base/7/x86_64/primary_db
(4/4): updates/7/x86_64/primary_db
软件包 php-5.4.16-45.el7.x86_64 已安装并且是最新版本
无须任何处理
                                                                                                                187
                                                                                                                       kB
                                                                                                                              00:00:00
                                                                                                                166 kB
                                                                                                                               00:00:02
                                                                                                                 5.9 MB
                                                                                                                              00:00:02
                                                                                                                5.2 MB
                                                                                                                              00:00:02
 显示为最新所以安装成功
```

设置自启动:

```
[root@localhost ~]# systemctl start httpd.service
[root@localhost ~]# systemctl enable httpd.service
Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lervice.
[root@localhost ~]#
```

用 systemctl stop firewalld.service 关闭防火墙,显示安装结果测试写入的 info111.php 的结果:





Just visiting?

Are you the Administrator?

The website you just visited is either experiencing problems

You should add your website content to the directory /var/www/html/.

编辑 info.php 文件,输入(此处 mysql 我设置的是空密码,所以改了一下):

```
"/var/www/html/info.php" 26L, 874c written
[root@RHEL74-SVR ~]# systemctl restart httpd.service
[root@RHEL74-SVR ~]# vi /var/www/html/info.php
 $\text{spin}
$\text{startTime=microtime(true);
$\text{mysqli=new mysqli('localhost','root','','demo');
if(mysqli_connect_errno()){
echo "连接失败,原因为: ".mysqli_connect_error();
  exit();
 $result=$mysqli->query("set names GBK");
$query="select * from student";
$result=$mysqli->query($query);
if(!$result->num_rows){
echo"数据为空";
exit();
 echo''
'echo'<caption align="left">列表</caption>';
echo'学号姓名性别年龄系部';
while($row=$result->fetch_assoc()){
echo''.$row["sno"].''.$row["sname"].''.$row["ssex"].'d>'.$row["sage"].''.$row["sdept"].'
$result->close();
echo'';
$mysqli->close();
$stopTime=microtime(true);
echo"打开网页耗时: ".($stopTime-$startTime)."秒.";
修改/etc/php.ini 文件:
; PHP's default character set is set to empty.
; http://php.net/default-charset
default_charset = "GBK"
修改/etc/httpd/conf/httpd.conf 文件,把显示的网页改成 info.php:
    10 i equesceu.
 <IfModule dir_module>
        DirectoryIndex info.php index.html
 </IfModule>
# The following lines prevent htaccess and htms
最后重启网络服务,得到最后结果:
        L http://19 × 盎 CentOS7 × ဩ mac os x × 盎 failed to □ × 盎 CentOS x 盎 php显示□ × ⊑ php輸出▷ × +
```



打开网页耗时: 0.0053219795227051秒.

9

首先安装编译器:

依赖关系解决

Package	架构	版本	源	大小
·····································				=======
mariadb-devel	x86_64	1:5.5.60-1.el7_5	updates	754 k
为依赖而安装:			70	
keyutils-libs-devel	x86_64	1.5.8-3.el7	base	37 k
krb5-devel	x86_64	1.15.1-19.el7	updates	269 k
libcom_err-devel	x86_64	1.42.9-12.el7_5	updates	31 k
libkadm5	x86_64	1.15.1-19.el7	updates	175 k
libselinux-devel	x86_64	2.5-12.el7	base	186 k
libsepol-devel	x86_64	2.5-8.1.el7	base	77 k
libverto-devel	x86_64	0.2.5-4.el7	base	12 k
openss1-devel	x86_64	1:1.0.2k-12.el7	base	1.5 M
pcre-devel	x86_64	8.32-17.el7	base	480 k
zlib-devel	x86_64	1.2.7-17.el7	base	50 k
为依赖而更新:				
e2fsprogs	x86_64	1.42.9-12.el7_5	updates	699 k
e2fsprogs-libs	x86_64	1.42.9-12.el7_5	updates	167 k
krb5-libs	x86_64	1.15.1-19.el7	updates	747 k
libcom_err	x86_64	1.42.9-12.el7_5	updates	41 k
libss	x86_64	1.42.9-12.el7_5	updates	45 k

安装 1 软件包 (+10 依赖软件包) 升级 (5 依赖软件包)

总下载量: 5.2 M Is this ok [y/d/N]: ■

已安装: mariadb-devel.x86_64 1:5.5.60-1.el7_5

作为依赖披安装:
keyut1is-110s-devel.x86_64 0:1.5.8-3.el7
libkadmix.886_64 0:1.15.1-19.el7
libkadmix.886_64 0:1.2.5-4.el7
libverto-devel.x86_64 0:0.2.5-4.el7
opens51-devel.x86_64 1:1.0.2k-12.el7

libcom_err-devel.x86_64 0:1.42.9-12.el7_5 libsepol-devel.x86_64 0:2.5-8.1.el7 pcre-devel.x86_64 0:8.32-17.el7

作为依赖被升级: e2fsprogs.x86_64 0:1.42.9-12.e17_5 e2fsprogs-libs.x86_64 0:1.42.9-12.e17_5 krb5-libs.x86_64 0:1.15.1-19.e17 libcom_err.x86_64 0:1.42.9-12.e17_5 libss.x86_64 0:1.42.9-12.e17_5

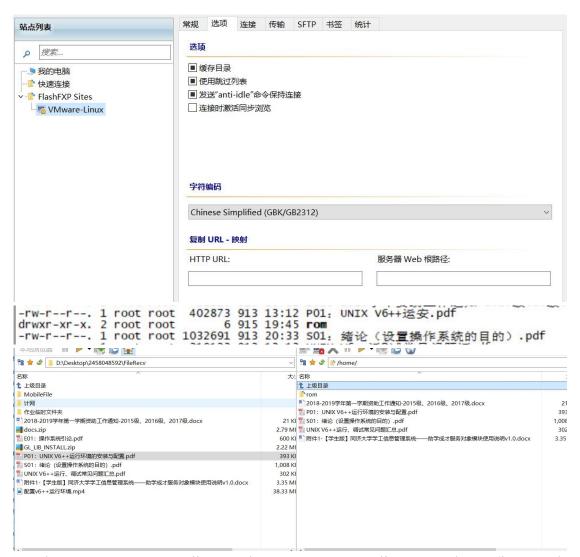
完毕! [root@RHEL74-SVR ~]# ■

新建并输入 mysql_demo.cpp 内容, 此处也需要修改 root123 为空, 否则无法访问 mysql:

```
#include<iomanip>
 #include<mysql.h>
 using namespace std;
 int main(int argc,char* argv[])
   MYSQL *mysql;
MYSQL_RES *result;
   MYSQL_ROW row;
   if((mysql=mysql_init(NULL))==NULL){
cout<<"mysql_init_failed"<<endl;</pre>
   if(mysql_real_connect(mysql,"localhost","root","","demo",0,NULL,0)==NUL
cout<<"mysql_real_connect failed("<<mysql_error(mysql)<<")"<<endl;</pre>
     return -1:
   mysql_set_character_set(mysql,"GBK");
if(mysql_query(mysql,"select * from student")){
cout<<"mysql_query failed("<<mysql_error(mysql)<<")"<<endl;</pre>
   return -1;
   if((result=mysql_store_result(mysql))==NULL){
   cout<<"mysql_store_result failed"<<endl;</pre>
   return -1:
   cout<<"select return"<<(int)mysql_num_rows(result)<<" records"<<endl;
  cout<<"select return"<<(int)mysql_num_rows(i
while((row=mysql_fetch_row(result))!=NULL){
cout<<setiosflags(ios::left);
cout<<"学号: "<<setw(12)<<row[0];
cout<<"姓名: "<<setw(8)<<row[1];
cout<<"性别: "<<setw(4)<<row[2];
cout<<"车龄: "<<setw(4)<<row[3];
cout<<"系部: "<<setw(4)<<row[4];
cout<<endl;
 mysql_free_result(result);
mysql_close(mysql);
"mysql_demo.cpp" 40L, 1069c written
编译输出正确结果:
[root@RHEL74-SVR ~]# g++ mysql_demo.cpp -I/usr/include/mysql -L/usr/lib64/mysql -lm
ysqlclient
[root@RHEL74-SVR ~]# ./a.out
select return4 records
                                                                   年龄: 20 系部: CS
年龄: 20 系部: CS
年龄: 18 系部: MA
年龄: 19 系部: IS
学号: 200215121
学号: 200215122
学号: 200215121 姓名: 李晨
学号: 200215122 姓名: 刘晨
学号: 2002151223 姓名: 王敏
学号: 2002151224 姓名: 张立
[root@RHEL74-SVR ~]# ■
                                                    性别:男女生别:女女男性别:男
```

10.

设置完成显示正常,修改 FXP 和 Secure CRT 的编码方式一样,其实就是修改 FXP 的站点管理器中的编码方式为 GBK,此处需要注意的是,需要用管理员方式打开 FXP,貌似不用的话会出现一设置完就 FXP 无响应的情况……:



PS: 有的是从 SecureCRT 上截的图, 有的是从 VMware 上截的图所以有的是背景为黑有的是为白......