

SoCdesign

▶ 开启此虚拟机

🔗 编辑虚拟机设置

🔗 升级此虚拟机

▼ 设备

内存

512 MB

处理器

2

硬盘 (SCSI)

5 GB

CD/DVD (IDE)

正在使用文件 E:\...

网络适配器

NAT

USB 控制器

存在

声卡

自动检测

显示器

自动检测

▼ 描述

在此处键入对该虚拟机的描述。

虚拟机设置

硬件

选项

设备

内存

处理器

硬盘 (SCSI)

CD/DVD (IDE)

网络适配器

USB 控制器

声卡

显示器

摘要

4 GB

2

30 GB

正在使用文件 E:\Program File...

NAT

存在

自动检测

自动检测

SoCdesign

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内存

4 GB

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硬盘 (SCSI)

30 GB

CD/DVD (IDE)

正在使用文件 E:\...

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显示器

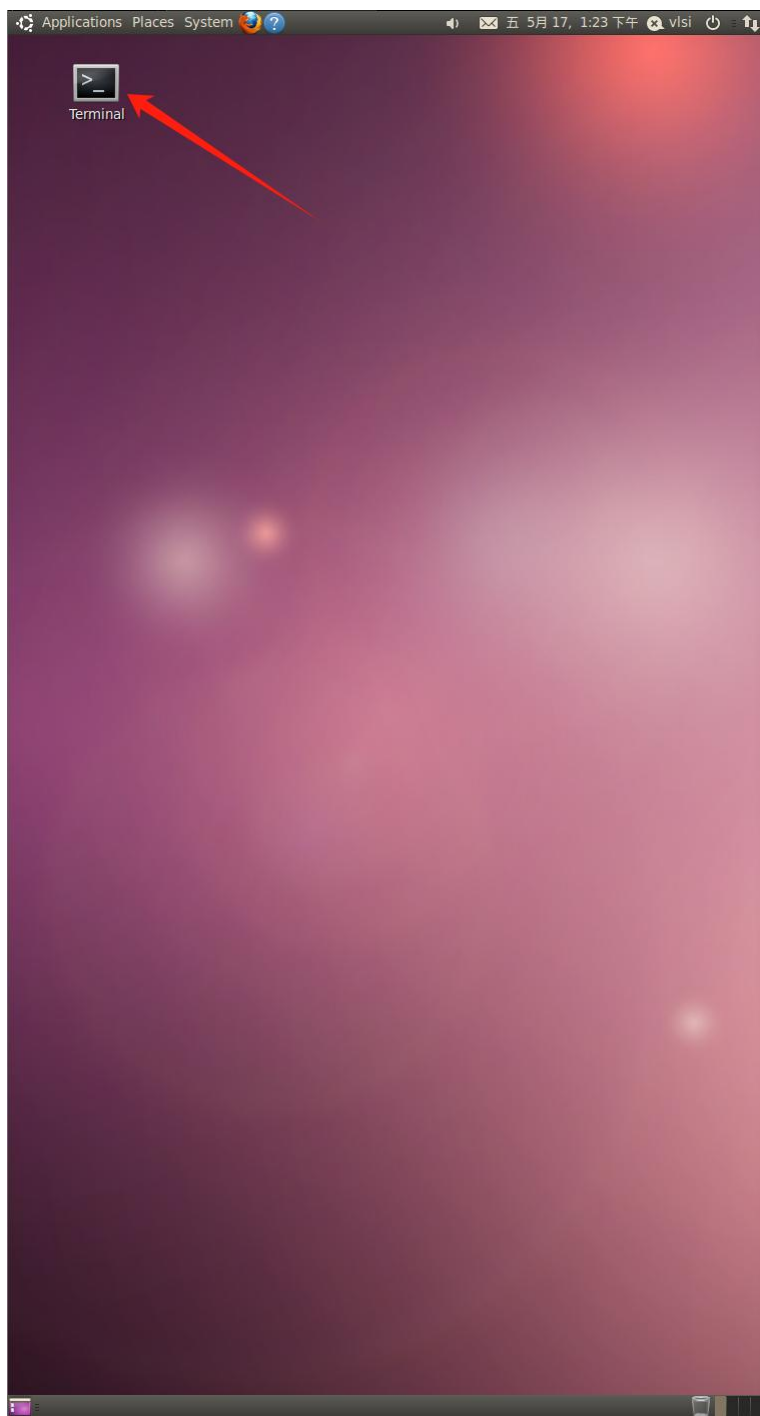
自动检测

▼ 描述

在此处键入对该虚拟机的描述。



开机后选择用户 VLSI，密码 socdesign



```
root@vlsi: /home/vlsi
File Edit View Terminal Help
vlsi@vlsi:~$ su root
Password:
root@vlsi:/home/vlsi#
```

```
root@vlsi: /home/vlsi
File Edit View Terminal Help
vlsi@vlsi:~$ su root
Password:
root@vlsi:/home/vlsi# fdisk /dev/sda

WARNING: DOS-compatible mode is deprecated.
It's strongly recommended to
switch off the mode (command 'c')
and change display units to
sectors (command 'u').

Command (m for help):
```

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sectors (command 'u').

Command (m for help): n
Command action
l    logical (5 or over)
p    primary partition (1-4)
```

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Command (m for help): n
Command action
l    logical (5 or over)
p    primary partition (1-4)
p
Partition number (1-4):
```

```
root@vlsi: /home/vlsi
File Edit View Terminal Help

Command action
  l   logical (5 or over)
  p   primary partition (1-4)
p
Partition number (1-4):
Value out of range.
Partition number (1-4):
Value out of range.
Partition number (1-4):
Value out of range.
Partition number (1-4): 3
First cylinder (653-3916, default 653):
Using default value 653
Last cylinder, +cylinders or +size{K,M,G} (653-3916, default 3916):
Using default value 3916

Command (m for help): w
The partition table has been altered!

Calling ioctl() to re-read partition table.

WARNING: Re-reading the partition table failed with error 16: Device or r
The kernel still uses the old table. The new table will be used at
the next reboot or after you run partprobe(8) or kpartx(8)
Syncing disks.
root@vlsi:/home/vlsi#
```

```
root@vlsi: /home/vlsi
File Edit View Terminal Help

root@vlsi:/home/vlsi# p
p: command not found
root@vlsi:/home/vlsi# fdisk /dev/sda

WARNING: DOS-compatible mode is deprecated. It's strongly recommended to
switch off the mode (command 'c') and change display units to
sectors (command 'u').

Command (m for help): p

Disk /dev/sda: 32.2 GB, 32212254720 bytes
255 heads, 63 sectors/track, 3916 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x0003be22

   Device Boot      Start         End      Blocks    Id  System
/dev/sda1  *           1           618     4959232    83  Linux
Partition 1 does not end on cylinder boundary.
/dev/sda2           618          653     280577     5  Extended
Partition 2 does not end on cylinder boundary.
/dev/sda3           653         3916    26213414    83  Linux
/dev/sda5           618          653     280576    82  Linux swap / Solaris

Command (m for help):
```

```
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File Edit View Terminal Help

c toggle the dos compatibility flag
d delete a partition
l list known partition types
m print this menu
n add a new partition
o create a new empty DOS partition table
p print the partition table
q quit without saving changes
s create a new empty Sun disklabel
t change a partition's system id
u change display/entry units
v verify the partition table
w write table to disk and exit
x extra functionality (experts only)

Command (m for help):
Command (m for help): w
The partition table has been altered!

Calling ioctl() to re-read partition table.

WARNING: Re-reading the partition table failed with error 16: Device or resource busy.
The kernel still uses the old table. The new table will be used at the next reboot or after you run partprobe(8) or kpartx(8).
Syncing disks.
root@vlsi:/home/vlsi#
```

```
root@vlsi: /home/vlsi
File Edit View Terminal Help

vlsi@vlsi:~$ su root
Password:
root@vlsi:/home/vlsi# partprobe
root@vlsi:/home/vlsi#
```

```
root@vlsi: /home/vlsi
File Edit View Terminal Help
root@vlsi:/home/vlsi# mkfs -t ext3 /dev/sda3
mke2fs 1.41.11 (14-Mar-2010)
文件系统标签=
操作系统:Linux
块大小=4096 (log=2)
分块大小=4096 (log=2)
Stride=0 blocks, Stripe width=0 blocks
983040 inodes, 3930742 blocks
196537 blocks (5.00%) reserved for the super user
第一个数据块=0
Maximum filesystem blocks=4026531840
120 block groups
32768 blocks per group, 32768 fragments per group
8192 inodes per group
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632, 2654208

正在写入inode表: 完成
Creating journal (32768 blocks): 完成
Writing superblocks and filesystem accounting information: 完成

This filesystem will be automatically checked every 36 mounts or
180 days, whichever comes first.  Use tune2fs -c or -i to override.
root@vlsi:/home/vlsi#
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root@vlsi:/home/vlsi# ls
examples.desktop  Soft  模板  图片  下载  桌面
Programfiles     公共的  视频  文档  音乐
root@vlsi:/home/vlsi# ls -l /dev/disk/by-uuid
total 0
lrwxrwxrwx 1 root root 10 2024-05-17 20:31 03657eda-0a91-4b3e-88e2-53ffabe0e5ee
-> ../../sda1
lrwxrwxrwx 1 root root 10 2024-05-17 20:31 311a0a79-5d80-4094-817d-5b5ca0330530
-> ../../sda5
lrwxrwxrwx 1 root root 10 2024-05-17 20:36 8ffadbe4-183d-4e44-b864-8b097d49d7c8
-> ../../sda3
root@vlsi:/home/vlsi#
```

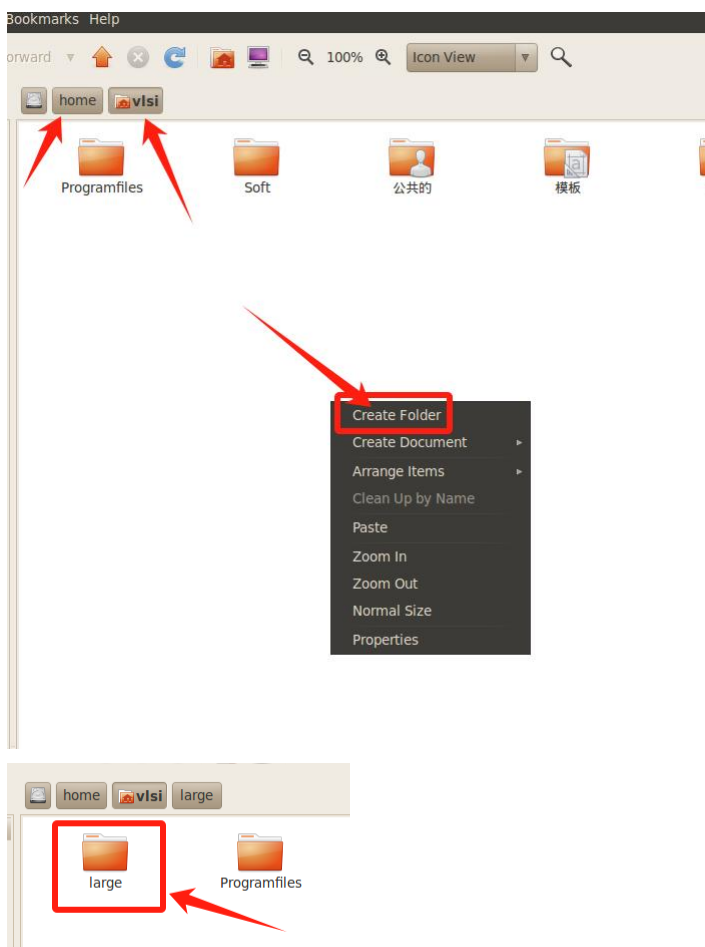


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root@vlsi:/home/vlsi#
```

复制这串uuid备用



```
root@vlsi: /home/vlsi
File Edit View Terminal Help

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-> ../../sda5
lrwxrwxrwx 1 root root 10 2024-05-17 20:36 8ffadbe4-183d-4e44-b864-8b097d49d7c8
-> ../../sda3
root@vlsi:/home/vlsi# mount /dev/sda3 /home/vlsi/large
mount: mount point /home/vlsi/large does not exist
root@vlsi:/home/vlsi# mount /dev/sda3 /home/vlsi/large
root@vlsi:/home/vlsi#
```

```
正在写入inode表: 完成
Creating journal (32768 blocks): 完成
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-> ../../sda3
root@vlsi:/home/vlsi# mount /dev/sda3 /home/vlsi/large
mount: mount point /home/vlsi/large does not exist
root@vlsi:/home/vlsi# mount /dev/sda3 /home/vlsi/large
root@vlsi:/home/vlsi# sudo gedit /etc/fstab
```

```
# /etc/fstab: static file system information.
#
# Use 'blkid -o value -s UUID' to print the universally unique identifier
# for a device; this may be used with UUID= as a more robust way to name
# devices that works even if disks are added and removed. See fstab(5).
#
# <file system> <mount point> <type> <options> <dump> <pass>
proc /proc proc nodev,noexec,nosuid 0 0
# / was on /dev/sda1 during installation
UUID=03657eda-0a91-4b3e-88e2-53ffabe0e5ee / ext4 errors=remount-ro 0 1
# swap was on /dev/sda5 during installation
UUID=311a0a79-5d80-4094-817d-5b5ca0330530 none swap sw 0 0
UUID=8ffadbe4-183d-4e44-b864-8b097d49d7c8 /home/vlsi/large ext4 errors=remount-ro 0 0
/dev/fd0 /media/floppy0 auto rw,user,noauto,exec,utf8 0 0
```

