

一、 拨码状态



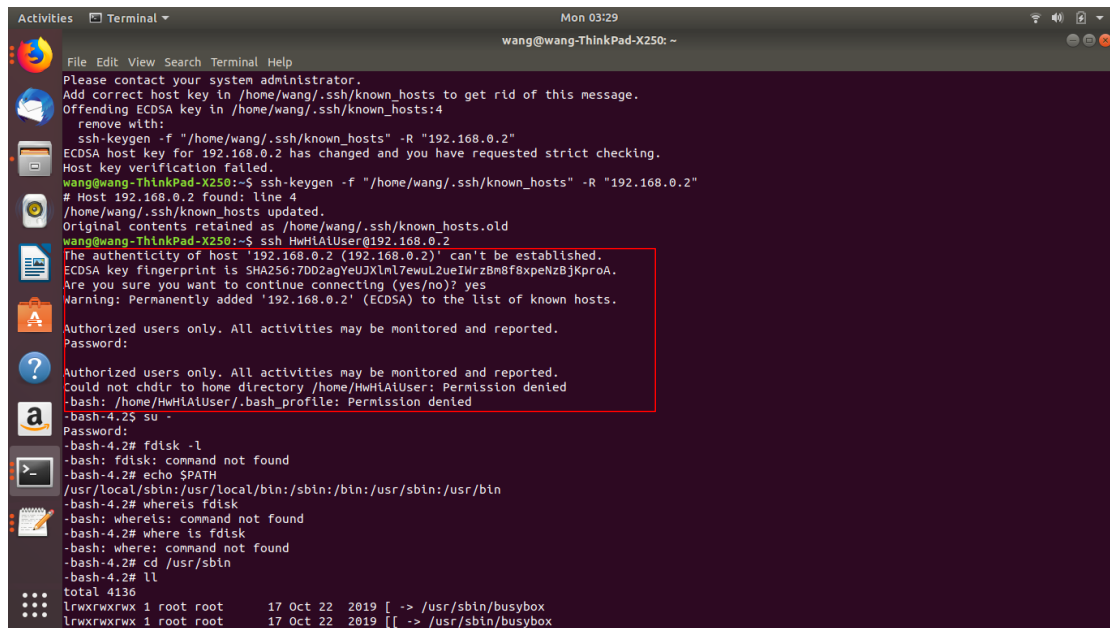
二、根据文档制卡完成后

ssh HwHiAiUser@192.168.0.2,

首先尝试密码 Mind@123

如果不能顺利进入系统, 尝试密码 Huawei2012#

如果进入系统, 显示如下红框内容,且丧失许多命令功能。



```
Activities Terminal Mon 03:29 wang@wang-ThinkPad-X250: ~
File Edit View Search Terminal Help
Please contact your system administrator.
Add correct host key in /home/wang/.ssh/known_hosts to get rid of this message.
Offending ECDSA key in /home/wang/.ssh/known_hosts:4
  remove with:
    ssh-keygen -f "/home/wang/.ssh/known_hosts" -R "192.168.0.2"
ECDSA host key for 192.168.0.2 has changed and you have requested strict checking.
Host key verification failed.
wang@wang-ThinkPad-X250:~$ ssh-keygen -f "/home/wang/.ssh/known_hosts" -R "192.168.0.2"
# Host 192.168.0.2 found: line 4
/home/wang/.ssh/known_hosts updated.
Original contents retained as /home/wang/.ssh/known_hosts.old
wang@wang-ThinkPad-X250:~$ ssh HwHiAiUser@192.168.0.2
The authenticity of host '192.168.0.2 (192.168.0.2)' can't be established.
ECDSA key fingerprint is SHA256:7002agVeuUJXlnl7ewuL2ueIWzBm8f8xpeNzBjkProA.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.0.2' (ECDSA) to the list of known hosts.
Authorized users only. All activities may be monitored and reported.
Password:
Authorized users only. All activities may be monitored and reported.
Could not chdir to home directory /home/HwHiAiUser: Permission denied
-bash: /home/HwHiAiUser/.bash_profile: Permission denied
-bash-4.2$ su -
Password:
-bash-4.2# fdisk -l
-bash: fdisk: command not found
-bash-4.2# echo $PATH
/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin
-bash-4.2# whereis fdisk
-bash: whereis: command not found
-bash-4.2# where is fdisk
-bash: where: command not found
-bash-4.2# cd /usr/sbin
-bash-4.2# ll
total 4136
lrwxrwxrwx 1 root root      17 Oct 22  2019 [-> /usr/sbin/busybox
lrwxrwxrwx 1 root root      17 Oct 22  2019 [[ -> /usr/sbin/busybox
```

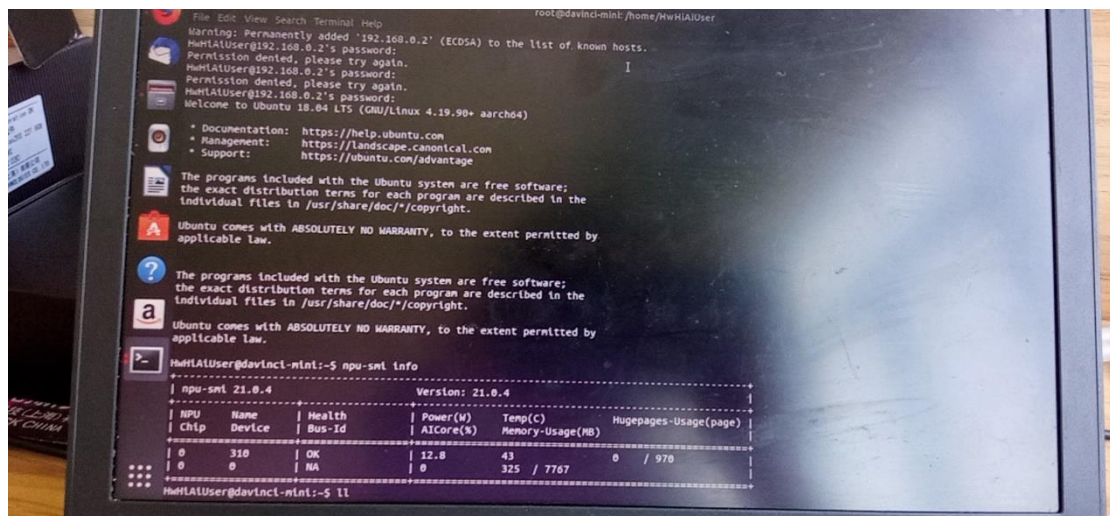
则输入 su -, 输入密码 Huawei12#\$,进入 root 用户, 运用命令 chmod -R 777 /home/HwHiAiUser 对用户 HwHiAiUser 释放权限后, 重新制卡。

制卡文件包 [mksd1.zip](#)

重新制卡后, 系统状态灯亮起 6 颗, 连接网口后, 网口灯亮。

再次通过 ssh HwHiAiUser@192.168.0.2, 密码 Mind@123

进入系统, 输入 npu-smi info 显示如下内容, 则制卡完成。



```
root@davinci-mini: /home/HwHiAiUser
Warning: Permanently added '192.168.0.2' (ECDSA) to the list of known hosts.
HwHiAiUser@192.168.0.2's password:
Permission denied, please try again.
HwHiAiUser@192.168.0.2's password:
Permission denied, please try again.
HwHiAiUser@192.168.0.2's password:
Welcome to Ubuntu 18.04 LTS (GNU/Linux 4.19.90+ aarch64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

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HwHiAiUser@davinci-mini:~$ npu-smi info
npu-smi 21.0.4 Version: 21.0.4
+-----+-----+-----+-----+-----+-----+
| NPU   | Name | Health | Power(W) | Temp(C) | Hugespages-Usage(page) |
| Chip | Device | Bus-Id | AICore(%) | Memory-Usage(MB) | |
+-----+-----+-----+-----+-----+-----+
| 0     | 310  | OK     | 12.8     | 43      | 0 / 970 |
| 0     | 0    | NA     | 0        | 325 / 7767 | 0 / 970 |
+-----+-----+-----+-----+-----+-----+
HwHiAiUser@davinci-mini:~$ ll
```

三、 已发送板卡，已经设置使用分布式路由器联网，所以需通过路由器网址获取板卡 IP 登录

四、 重新制卡内容详情参考 [QA200RC AI 加速卡推理卡 1.0.12 软件安装与维护指南.pdf](#)