

节点启动异常调试方法

您好：

如果您的安装画面停留在如下两种情况且长时间未变化（大于半小时）：

```

OK    ] Started Initialize storage subsystems (RAID, LVM, etc.).
      ] Starting Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling
OK    ] Started Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling
OK    ] Reached target Local File Systems.
      ] Starting Mark the need to relabel after reboot...
      ] Starting Recreate Volatile Files and Directories...
      ] Starting Trigger Flushing of Journal to Persistent Storage...
OK    ] Started Mark the need to relabel after reboot.
OK    ] Started Trigger Flushing of Journal to Persistent Storage.
OK    ] Started Recreate Volatile Files and Directories.
OK    ] Reached target System Initialization.
OK    ] Reached target Timers.
OK    ] Listening on D-Bus System Message Bus Socket.
OK    ] Reached target Sockets.
OK    ] Reached target Basic System.
      ] Starting pl_boot service...
      ] Starting Getty on tty2...
OK    ] Started Getty on tty2.
      ] 6.475608] e1000: eth0 NIC Link is Up 1000 Mbps Full Duplex, Flow Control: None
      ] Starting LSB: Bring up/down networking...
OK    ] Started LSB: Bring up/down networking.
OK    ] Reached target Network.
      ] Starting OpenSSH server daemon...
OK    ] Started OpenSSH server daemon.
      ] 61.276364] bio: create slab <bio-1> at 1
OK    ] Started pl_boot service.
OK    ] Reached target pl_boot BootCD default target.

```

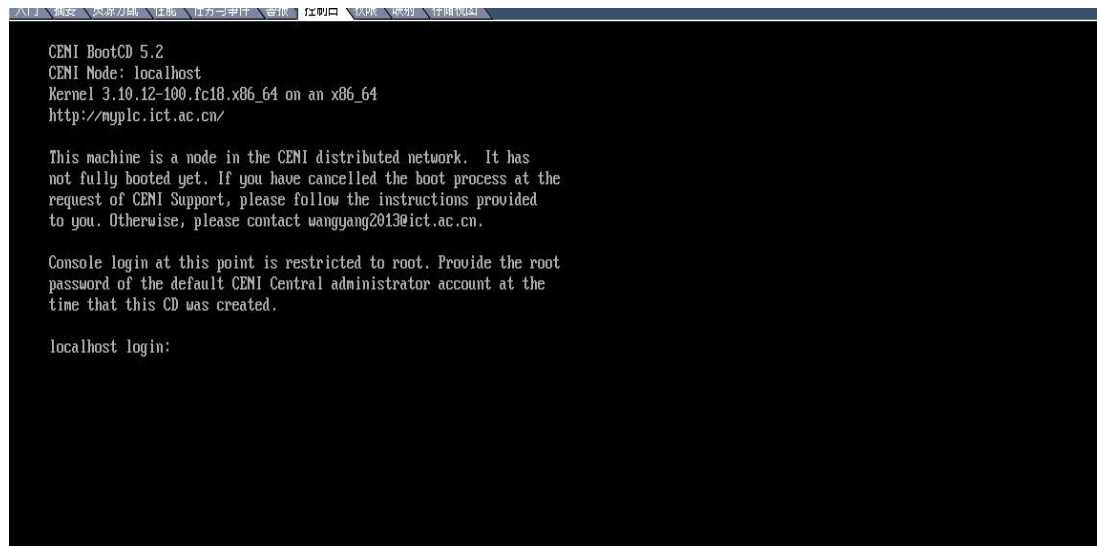
```

[ OK ] Reached target basic system.
Starting pl_boot service...
Starting Getty on tty2...
[ OK ] Started Getty on tty2.
[ 17.700244] FAT-fs (sdc): invalid media value (0x01)
[ 17.700246] FAT-fs (sdc): Can't find a valid FAT filesystem
[ 17.702647] EXT4-fs (sdc): UFS: Can't find ext4 filesystem
[ 17.704847] EXT4-fs (sdc): UFS: Can't find ext4 filesystem
[ 17.707073] EXT4-fs (sdc): UFS: Can't find ext4 filesystem
[ 17.709461] EXT4-fs (sdc): UFS: Can't find ext4 filesystem
[ OK ] Started Trigger Flushing of Journal to Persistent Storage.
[ 18.261505] ISOFS: Unable to identify CD-ROM format.
[ 18.334027] FAT-fs (sdc): invalid media value (0x01)
[ 18.398874] FAT-fs (sdc): Can't find a valid FAT filesystem
[ 18.472132] hfs: can't find a HFS filesystem on dev sdc
[ 18.547543] hfsplus: unable to find HFS+ superblock
[ 18.615683] FAT-fs (sdc4): Invalid FSINFO signature: 0x00000000, 0x00000000
[ 18.797608] IPv6: ADDRCONF(NETDEV_UP): eth0: link is not ready
Starting LSB: Bring up/down networking...
[ 20.357655] igb: eth0 NIC Link is Up 100 Mbps Full Duplex, Flow Control: RX
[ 20.420584] IPv6: ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
[ OK ] Started LSB: Bring up/down networking.
[ OK ] Reached target Network.
[ 301.959167] igb: eth0 NIC Link is Down
[ 354.238684] igb: eth0 NIC Link is Up 1000 Mbps Full Duplex, Flow Control: RX
[ 425.066210] igb: eth0 NIC Link is Down
Starting Cleanup of Temporary Directories...
[ OK ] Started Cleanup of Temporary Directories.
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```

请按照如下步骤操作，方便我们进行调试：

1.按 Ctrl+Alt+F2 进入命令行，如下



```
CENI BootCD 5.2
CENI Node: localhost
Kernel 3.10.12-100.fc18.x86_64 on an x86_64
http://myplc.ict.ac.cn/

This machine is a node in the CENI distributed network. It has
not fully booted yet. If you have cancelled the boot process at the
request of CENI Support, please follow the instructions provided
to you. Otherwise, please contact wanyang2013@ict.ac.cn.

Console login at this point is restricted to root. Provide the root
password of the default CENI Central administrator account at the
time that this CD was created.

localhost login:
```

输入 用户名：root 密码：060427

进入命令行模式

2.执行命令 ping 220.181.111.188（此 IP 为百度，检验网络是否正常）

1) 若可以 ping 通，执行第 3 步。

2) 如不能 ping 通，

执行 ifconfig 命令，并截图 eth0 的配置。

3.执行命令 service sshd start（开启 ssh 服务，我们会进行远程调试）

4.执行完上述操作后，请与我们联系：

邮箱：ceni_support@163.com

QQ 群：未来网络前瞻性项目（227584794）