

8070产品在命令行界面下直接升级VRP软件示例 (双主控)

一 配置步骤：

适合VRP3.1及以上版本

1. 升级前确认双主控主备板已同步

```
<Quidway>display hsc sta
System frame type: NE16E
Control mode: Double domains
Master slot: 8; Slave slot: 6, Slave state: Good
Debug switch: IPC off, Interrupt off
System backup mode designated: Cool backup
Master backup state: Cool backup
Master/Slave configuration auto-sync switch: On
```

2. 下载新的VRP软件到主用主控板硬盘上面

```
<ne16e>tftp 1.1.1.1 get 8070V100R007B03D035_Release_VRP3.cc hda1:/8070-1728.cc
Now begin to download file from remote tftp server.
Please wait for a while...
TFTP: 7233020 bytes received in 51 seconds.
File downloaded successfully.
```

```
<ne16e>dir hda1:/
Directory of hda1:/
-rwxrwxrwx 1 noone nogroup 0 Jan 14 2002 00:29:26 ntuser.dat
-rwxrwxrwx 1 noone nogroup 7120036 Jan 17 2002 08:37:24 8070-1717.01.cc
-rwxrwxrwx 1 noone nogroup 7233020 Jan 17 2002 08:48:48 8070-1728.cc

19525472 KBytes total (19428080 KBytes free)
```

3. 复制新的VRP软件到备用板硬盘上面

```
<ne16e>copy hda1:/8070-1728.cc slave#hda1:/
Copy hda1:/8070-1728.cc to slave#hda1:/8070-1728.cc ?[Y/N]:y
.....
% Copied file hda1:/8070-1728.cc to slave#hda1:/8070-1728.cc
<ne16e>dir slave#hda1:/
Directory of slave#hda1:/

-rwxrwxrwx 1 noone nogroup 14463428 Jan 14 2002 00:19:20 vrp510-124103.cc
-rwxrwxrwx 1 noone nogroup 28 Jan 17 2002 08:35:52 private-data.txt
-rwxrwxrwx 1 noone nogroup 7233020 Jan 17 2002 09:08:40 8070-1728.cc

19525472 KBytes total (19479568 KBytes free)
```

4. 设置以新的VRP软件为重新启动的软件

```
<ne16e>startup sys hda1:/8070-1728.cc //设置主用主控板启动文件
<ne16e>startup sys hda1:/8070-1728.cc slave //设置备用主控板启动文件
<ne16e>dis startup //查看确认设备的启动文件
MainBoard:
Configed startup system software: hda1:/8070-1717.01.cc V3.10 1717.01
Startup system software: hda1:/8070-1717.01.cc V3.10 1717.01
Next startup system software: hda1:/8070-1728.cc V3.10 1728
Startup saved-configuration file: flash:/vrpcfg.cfg
Next startup saved-configuration file: flash:/vrpcfg.cfg
Next startup VIU bootrom: NULL
Next startup compatible VIU bootrom: NULL
Next startup enhance VIU bootrom: NULL
SlaveBoard:
Configed startup system software: hda1:/1717.cc V3.10 1717.01
Startup system software: hda1:/1717.cc V3.10 1717.01
```

Next startup system software: hda1:/8070-1728.cc V3.10 1728
Startup saved-configuration file: flash:/vrpcfg.cfg
Next startup saved-configuration file: flash:/vrpcfg.cfg

5. 整机重新启动

<ne16e>hsc reset sys //注意此处如果用reboot命令只是重新启动主用板
The whole system will reset! Continue?[Y/N]:y

6. 起来后确认系统运行的版本，以及主备同步的状态。

<Quidway>dis ver
VRP Software RELEASE Version: VRPV3R001M06B02D041
Copyright (c) 2000-2002 by VRP Team Beijing Institute Huawei Tech, Inc
Quidway NetEngine 16E RELEASE 1728
.....

二 配置关键点：

1. 下载新的VRP软件到主用主控板硬盘上面
下载后要确认是否成功下载到硬盘上
2. 复制新的VRP软件到备用板硬盘上面
复制后要确认是否成功复制到备用板硬盘上。
3. 设置以新的VRP软件为重新启动的软件
设置以后还要检查是否设置成功。
4. 整机重新启动
一定要用hsc reset sys命令，否则不能成功整机升级
5. 起来后确认系统运行的版本，以及主备同步的状态，已确保升级没有问题