NE16E/08E/05系列路由器配置文件的保存路径说明

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NE16E/08E/05系列路由器由于存储介质既有硬盘（hda1），也有闪存（flash），配置文件缺省到底是保存在硬盘中还是闪存中呢？要是当前目录在硬盘下，敲save命令的话，它会自动更新放在闪存目录下的配置文件吗？还是另外建一个新的配置文件？结论如下，在系统或者用户视图下，敲display startup命令：

（1）如果Startup saved-configuration file后边指定的文件为NULL或者已经被删除，则在用户视图下第一次执行save命令时，会提示输入保存文件名，如果文件名前不加绝对路径符的话，缺省保存在flash中；如果输入"hda1:/文件名"，则保存在硬盘中。并且自动把Startup saved-configuration file和Next startup saved-configuration file设为刚刚保存的文件。

（2）如果Startup saved-configuration file后边指定的文件存在，则不管在硬盘还是闪存目录下执行save命令，都会直接更新Startup saved-configuration file后边指定的文件，并且不会提示输入保存文件名。

附录：具体实验现象

系统加载完成后，先看一下启动文件及配置文件信息

```
<Quidway>display startup
MainBoard:
  Configed startup system software:       hda1:/1726.cc
  Startup system software:             hda1:/ne05.cc
  Next startup system software:         hda1:/1726.cc
  Startup saved-configuration file:        flash:/1.zip
  Next startup saved-configuration file:   flash:/1.zip
```

当启动文件已经被不存在时，

```
<Quidway>dir
Directory of flash:/
  0  -rw-    10859  Dec 29 2006 09:09:13   paf.txt
  1  -rw-     5426  Dec 29 2006 09:09:33   license.txt
  2  -rw-    12274  Dec 14 2002 06:17:37   paf.txt.bak
  3  -rw-        4  Jan 19 2007 10:24:45   snmpboots
  4  -rw-     1448  Jan 09 2007 15:43:28   test.cfg
7493 KB total (7451 KB free)
```

可以看到flash:/1.zip已经被删除了，这时候进行保存操作

```
<Quidway>save
The router configurations will be written to the device.
Are you sure?[Y/N]y
 Please input the file name(*.cfg,*.zip)[vrpcfg.zip]:2.cfg
Now saving current configuration to the device.
Please wait for a while...
...................................
```

会提示敲入保存文件名，保存后，可以看到保存在flash里边

```
<Quidway>dir
Directory of flash:/
  0  -rw-    10859  Dec 29 2006 09:09:13   paf.txt
  1  -rw-     5426  Dec 29 2006 09:09:33   license.txt
  2  -rw-    12274  Dec 14 2002 06:17:37   paf.txt.bak
  3  -rw-        4  Jan 19 2007 10:24:45   snmpboots
  4  -rw-     1448  Jan 09 2007 15:43:28   test.cfg
  5  -rw-      590  Jan 24 2007 16:13:56   2.cfg
7493 KB total (7451 KB free)
```

这时候启动文件信息也自动变化，可以看到配置文件信息已经修改

```
<Quidway>dis startup
MainBoard:
  Configed startup system software:       hda1:/1726.cc
  Startup system software:             hda1:/ne05.cc
  Next startup system software:         hda1:/1726.cc
```

```
   Startup saved-configuration file:        flash:/2.cfg
    Next startup saved-configuration file:    flash:/2.cfg
```
要是清空配置文件信息了
```
<Quidway>reset saved-configuration
This will delete the configuration in the flash memory.
The router configurations will be erased to reconfigure.
Are you sure?[Y/N]y
Now clearing the configuration in the device.
Please wait for a while...
<Quidway>display startup
MainBoard:
  Configed startup system software:        hda1:/1726.cc
  Startup system software:                hda1:/ne05.cc
   Next startup system software:           hda1:/1726.cc
   Startup saved-configuration file:       NULL
   Next startup saved-configuration file:   flash:/2.zip
```
再执行save操作
```
<Quidway>save
The router configurations will be written to the device.
Are you sure?[Y/N]y
 Please input the file name(*.cfg,*.zip)[vrpcfg.zip]:hda1:/3.cfg
Now saving current configuration to the device.
Please wait for a while...
....................
 Saved the current config to mainboard device successfully
<Quidway>display startup
MainBoard:
  Configed startup system software:        hda1:/1726.cc
  Startup system software:                hda1:/ne05.cc
  Next startup system software:           hda1:/1726.cc
  Startup saved-configuration file:       hda1:/3.cfg
  Next startup saved-configuration file:   hda1:/3.cfg
<Quidway>dir
Directory of hda1:/
  0  -rw-   121696  Jan 17 2002 08:47:10   matnlog.dat
  1  drw-       -  Jan 14 2002 05:38:44   logfile
  2  -rw- 10681500  Jun 16 2000 07:08:52   ne05.cc
  3  -rw-  7120036  May 14 2001 09:27:00   1717.cc
  4  -rw- 10102748  Oct 10 2001 10:02:44   ne05-ne08e-ne16e-vrp330-0506.08.cc
  5  -rw-       28  Jan 14 2002 05:53:06   private-data.txt
  6  -rw-  7178964  Oct 12 2001 04:43:54   1724.cc
  7  -rw- 10317588  Nov 22 2001 00:57:12   ne05-ne08e-ne16e-vrp330-0519.cc
  8  -rw- 14694354  Nov 26 2001 06:34:00   ne05-ne08e-ne16e-vrp510-1241.02.cc
  9  -rw- 14463428  Jan 14 2002 00:04:44   vrp510-124103.cc
  10  -rw-       0  Jan 14 2002 00:29:26   ntuser.dat
  11  -rw-  7120036  Jan 17 2002 08:37:24   8070-1717.01.cc
  12  -rw-  7233020  Jan 17 2002 08:48:48   8070-1728.cc
  13  drw-       -  Dec 31 2002 07:00:52   backup
  14  -rw-      590  Jan 24 2007 16:38:20   3.cfg
19525472 KB total (19417616 KB free)
```
要是配置文件存在并且没有被清空的情况下，执行save命令
```
<Quidway>save
The router configurations will be written to the device.
Are you sure?[Y/N]y
Now saving current configuration to the device.
Please wait for a while...
....................................................
 Saved the current config to mainboard device successfully
```
可以看到并不会提示输入存储文件名，而是直接更新在display startup中看到
的Startup saved-configuration file后边指定的文件，与在哪个目录下操作没有关系。