3 常见查看设备状态操作

关于本章

介绍查看设备状态的常见操作。

3.1 查看设备的序列号

每台设备的序列号ESN（Equipment Serial Number）是唯一的。当用户需要设备售后服务或者申请License时，都需要提供设备的序列号。

执行命令**display esn**查看设备的序列号。下面显示以框式为例，盒式显示请以设备为准。

```
<HUAWEI> display esn
ESN of master:77000601xxxxxxxx
ESN of slave:77000601xxxxxxxx
```

📖 **说明**

- 框式所有款型都支持此命令。
- 盒式S2750EI、S5700LI、S5700S-LI和S5720EI不支持此命令。

3.2 查看设备的补丁信息

执行命令**display patch-information**查看当前设备的补丁信息。下面显示以框式为例，盒式显示请以设备为准。

```
<HUAWEI> display patch-information
Patch Package Name   :cfcard:/patch.pat
Patch Package Version:V200R008C00SPH001
The state of the patch state file is: Running
The current state is: Running
```

```
***********************************************************
*          Information about hot patch errors is as follows:          *
***********************************************************

    Slot           CurrentVersion
-----------------------------------------------------------

No hot patch error occurs on any board.


***********************************************************
*              The hot patch information, as follows:              *
***********************************************************

  Slot       Type           State      Count Time(YYYY-MM-DD HH:MM:SS)
-----------------------------------------------------------------------
  14         C              Running    1     2012-08-15 09:20:48+00:00
```

3.3 查看设备的版本信息和运行时间

执行命令**display version**查看当前设备的版本信息和运行时间。下面显示以框式为
例，盒式显示请以设备为准。

```
<HUAWEI> display version
Huawei Versatile Routing Platform Software
VRP (R) software, Version 5.160 (S7700 V200R007C00)
Copyright (C) 2000-2013 HUAWEI TECH CO., LTD
Quidway S7703 Terabit Routing Switch uptime is 0 week, 0 day, 1 hour, 3 minutes
BKP 0 version information:
1. PCB       Version : LE02BAKB VER.A
2. Supporting PoE    : No
3. Board     Type    : ES0B017712P0
4. MPU Slot Quantity : 2
5. LPU Slot Quantity : 3

MPU 5(Master) : uptime is 0 week, 0 day, 1 hour, 1 minute
SDRAM Memory Size   : 512     M bytes
Flash Memory Size   : 128     M bytes
NVRAM Memory Size   : 512     K bytes
CF Card1 Memory Size : 977     M bytes
MPU version information :
1. PCB       Version : LE02SRUA VER.D
2. MAB       Version : 0
3. Board     Type    : ES0D00SRUA00
4. CPLD0     Version : 1301.1014
5. BootROM   Version : 0207.00ab
6. BootLoad Version  : 0207.0097

LPU 1 : uptime is 0 week, 0 day, 0 hour, 54 minutes
SDRAM Memory Size   : 256     M bytes
Flash Memory Size   : 8       M bytes
LPU version information :
1. PCB       Version : LE02X4UX VER.B
2. MAB       Version : 0
3. Board     Type    : ES0D0X2UXC00
4. CPLD0     Version : 1310.1716
5. BootROM   Version : 0207.00ab
6. BootLoad Version  : 0207.00bf

LPU 2 : uptime is 0 week, 0 day, 0 hour, 54 minutes
SDRAM Memory Size   : 128     M bytes
Flash Memory Size   : 8       M bytes
LPU version information :
1. PCB       Version : LE02G48V VER.B
2. MAB       Version : 0
3. Board     Type    : ES0D0G48TA00
```

```
4. CPLD0     Version  : 1102.1516
5. BootROM   Version  : 0207.00ab
6. BootLoad Version  : 0207.00bf

LPU 3 : uptime is 0 week, 0 day, 0 hour, 49 minutes
SDRAM Memory Size    : 256     M bytes
Flash Memory Size    : 8       M bytes
LPU version information :
1. PCB       Version  : LE02X4UX VER.B
2. MAB       Version  : 0
3. Board     Type     : ES0D0X4UXC00
4. CPLD0     Version  : 1310.1716
5. BootROM   Version  : 0207.00ab
6. BootLoad Version  : 0207.00bf
TCAM version information :
1. TCAM size          : 36      M bits
```

3.4 查看设备的机框类型

可以用户视图下使用**display version**查看当前设备的机框类型。

以下以S7700举例说明。**S7706**即为当前设备的机框类型。

```
[HUAWEI] display version
Huawei Versatile Routing Platform Software
VRP (R) software, Version 5.160 (S7700 V200R007C00)
Copyright (C) 2000-2014 HUAWEI TECH CO., LTD
Quidway S7706 Terabit Routing Switch uptime is 0 week, 0 day, 19 hours, 40 minutes
BKP 0 version information:
1. PCB       Version  : LE02BAKI VER.A
2. Support   PoE      : No
3. Board     Type     : ES0B00770600
4. MPU Slot Quantity : 2
5. LPU Slot Quantity : 6

MPU 7(Master) : uptime is 0 week, 0 day, 19 hours, 39 minutes
SDRAM Memory Size    : 1024    M bytes
Flash Memory Size    : 64      M bytes
NVRAM Memory Size    : 512     K bytes
CF Card1 Memory Size : 497     M bytes
MPU version information :
1. PCB       Version  : LE02SRUB VER.B
2. MAB       Version  : 3
3. Board     Type     : ES0D00SRUB00
4. CPLD0     Version  : 1411.2117
5. BootROM   Version  : 0207.00d3
6. BootLoad Version  : 0207.00d3

LPU 6 : uptime is 0 week, 0 day, 19 hours, 39 minutes
SDRAM Memory Size    : 256     M bytes
Flash Memory Size    : 16      M bytes
LPU version information :
1. PCB       Version  : LE02G48CE VER.A
2. MAB       Version  : 0
3. Board     Type     : ES0DG48CEAT0
4. CPLD0     Version  : 1102.1515
5. BootROM   Version  : 0207.00d3
6. BootLoad Version  : 0207.00fb
```