

### MSR-G2系列路由器定时执行任务典型配置

#### 一、组网需求:

对MSR-G2路由器进行配置, 在星期一到星期五的上午八点到下午十八点开启Ethernet1/1和Ethernet1/2, 其它时间关闭端口, 以便起到有效节能的作用。

设备清单: MSR-G2系列路由器1台

#### 二、组网图:

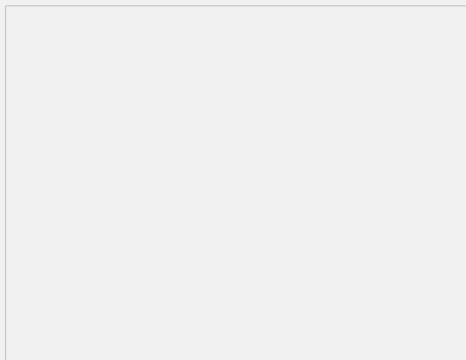


图1 定时执行任务典型配置组网图

#### 三、配置步骤:

使用版本: E0006P05

```
#
scheduler job shutdown-Ethernet1/1 //创建关闭Ethernet1/1的Job
command 1 system-view //执行的第一个命令: 进入系统视图
command 2 interface ethernet 1/1 //第二个命令: 进入接口E1/1
command 3 shutdown //第三个命令: 将接口关闭
#
scheduler job start-Ethernet1/1 //创建开启Ethernet1/1的Job
command 1 system-view
command 2 interface ethernet 1/1
command 3 undo shutdown
#
scheduler job shutdown-Ethernet1/2 //创建关闭Ethernet1/2的Job
command 1 system-view
command 2 interface ethernet 1/2
command 3 shutdown
#
scheduler job start-Ethernet1/2 //创建开启Ethernet1/2的Job
command 1 system-view
command 2 interface ethernet 1/2
command 3 undo shutdown
#
//配置定时执行任务, 使MSR-G2在星期一到星期五的上午八点开启pc1、pc2对应的以太网端口
scheduler schedule START-pc1/pc2
job start-Ethernet1/1
job start-Ethernet1/2
time repeating at 8:00 week-day mon tue wed thu fri
#
//配置定时执行任务, 使MSR-G2设备在星期一到星期五的下午十八点关闭连接pc1、pc2对应的以太网端口
scheduler schedule STOP-pc1/pc2
job shutdown-Ethernet1/1
job shutdown-Ethernet1/2
time repeating at 18:00 week-day mon tue wed thu fri
#
```

#### 四、验证配置:

//显示Job的配置信息

```
[MSR-G2] display scheduler job
Job name: shutdown-Ethernet1/1
system-view
interface ethernet 1/1
shutdown
```

```
Job name: shutdown-Ethernet1/2
system-view
interface ethernet 1/2
shutdown
```

```
Job name: start-Ethernet1/1
system-view
interface ethernet 1/1
undo shutdown
```

```
Job name: start-Ethernet1/2
system-view
interface ethernet 1/2
undo shutdown
```

//显示定时任务的运行信息

```
[MSR-G2] display scheduler schedule
Schedule name      : START-pc1/pc2
Schedule type     : Run on every Mon Tue Wed Thu Fri at 08:00:00
Start time        : Wed Sep 28 08:00:00 2011
Last execution time : Wed Sep 28 08:00:00 2011
Last completion time : Wed Sep 28 08:00:03 2011
Execution counts  : 1
```

```
-----
Job name              Last execution status
start-Ethernet1/1    Successful
start-Ethernet1/2    Successful
```

```
Schedule name      : STOP-pc1/pc2
Schedule type     : Run on every Mon Tue Wed Thu Fri at 18:00:00
Start time        : Wed Sep 28 18:00:00 2011
Last execution time : Wed Sep 28 18:00:00 2011
Last completion time : Wed Sep 28 18:00:01 2011
Execution counts  : 1
```

```
-----
Job name              Last execution status
shutdown-Ethernet1/1 Successful
shutdown-Ethernet1/2 Successful
```

//显示Job运行的输出信息，被保存在日志中

```
[MSR-G2] display scheduler logfile
Job name      : start-Ethernet1/1
Schedule name : START-pc1/pc2
Execution time : Wed Sep 28 08:00:00 2011
Completion time : Wed Sep 28 08:00:02 2011
```

```
----- Job output -----
```

```
< MSR-G2>system-view
System View: return to User View with Ctrl+Z.
[MSR-G2]interface ethernet 1/1
[MSR-G2-Ethernet1/1]undo shutdown
```

```
Job name      : start-Ethernet1/2
Schedule name : START-pc1/pc2
Execution time : Wed Sep 28 08:00:00 2011
Completion time : Wed Sep 28 08:00:02 2011
```

```
----- Job output -----
```

```
< MSR-G2>system-view
System View: return to User View with Ctrl+Z.
[MSR-G2]interface ethernet 1/2.
```

[MSR-G2-Ethernet1/2]undo shutdown

Job name : shutdown-Ethernet1/1  
Schedule name : STOP-pc1/pc2  
Execution time : Wed Sep 28 18:00:00 2011  
Completion time : Wed Sep 28 18:00:01 2011

----- Job output -----

```
< MSR-G2>system-view
System View: return to User View with Ctrl+Z.
[MSR-G2]interface ethernet 1/1
[MSR-G2]shutdown
```

Job name : shutdown-Ethernet1/2  
Schedule name : STOP-pc1/pc2  
Execution time : Wed Sep 28 18:00:00 2011  
Completion time : Wed Sep 28 18:00:01 2011

----- Job output -----

```
< MSR-G2>system-view
System View: return to User View with Ctrl+Z.
[MSR-G2]interface ethernet 1/2
[MSR-G2]shutdown
```

#### **五、配置关键点:**

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