

知 MSR路由器根据4G信号强度进行sim卡切换的典型配置

3G/4G拨号 EAA 董伟豪 2020-02-07 发表

组网及说明

部分用户在使用MSR路由器的4G功能时，采用双卡的方式，并且对网络要求较高。在信号不好时，有可能线路没断，但是上网有丢包造成卡顿，此时无法进行链路切换导致用户体验不佳。优化此问题的实现方式是通过eaa脚本对信号值进行检测，完成链路的切换。

配置步骤

#执行eaa策略

```
rtm tcl-policy sim0 flash:/eaa.tcl
rtm tcl-policy sim1 flash:/eaa-1.tcl
#
```

eaa.tcl

```
::comware::rtm::event_register snmp oid 1.3.6.1.4.1.25506.2.98.1.5.1.1.1.190 monitor-obj get start-op
le start-val -100 restart-op le restart-val -100 interval 10 user-role network-admin running-time 300 //
通过oid值读取当前信号值，与阈值-100进行比对，如果超过，则进行切换。
```

```
::comware::rtm::action syslog priority 3 facility local1 msg "====EAA policy trigged.===="
```

```
::comware::create-cli
```

```
::comware::write-cli cli0 "system-view"
```

```
::comware::write-cli cli0 "controller Cellular1/0"
```

```
::comware::write-cli cli0 "sim switch-to 1"
```

```
::comware::write-cli cli0 "end"
```

eaa.tcl

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::comware::create-cli
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::comware::write-cli cli0 "system-view"
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```
::comware::write-cli cli0 "controller Cellular1/1"
```

```
::comware::write-cli cli0 "sim switch-to 0"
```

```
::comware::write-cli cli0 "end"
```

配置关键点

信号强度值可以根据实际情况自行调整，本案例中为-100