

# 知 ADDC解决方案交换机打印ResourceMonitor相关日志的原因

ADDC解决方案 田毓磊 2020-09-26 发表

## 问题描述

在设备的logbuffer里发现有大量的ResourceMonitor相关日志，平均每分钟打印一次，截取日志信息如下：

```
%Sep 22 21:40:29:052 2020 YW-S6900-F03 XMLAGENT/6/GET: sdn from 172.16.118.218,session i  
d 8,message-id 92,execute success.  
%Sep 22 21:40:28:770 2020 YW-S6900-F03 XMLAGENT/6/XML_REQUEST: sdn from 172.16.118.2  
18,session id 8,message-id 92,receive get request.<rpc  
xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-><get><filter><top  
xmlns="http://www.h3c.com/netconf/data:1.0"><ResourceMonitor><Resources><Resource><Device  
Node/><Name/><Unit/><MinorThreshold/><SevereThreshold/></Resource></Resources><Monitors  
><Monitor><DeviceNode/><Name/><Unit>absolute</Unit><Total/></Monitor></Monitors></Resour  
eMonitor></top></filter></get></rpc>  
%Sep 22 21:40:28:751 2020 YW-S6900-F03 XMLAGENT/6/GET: sdn from 172.16.118.218,session i  
d 8,message-id 91,execute success.  
%Sep 22 21:40:28:650 2020 YW-S6900-F03 XMLAGENT/6/XML_REQUEST: sdn from 172.16.118.2  
18,session id 8,message-id 91,receive get request.<rpc  
xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-><get><filter><top  
xmlns="http://www.h3c.com/netconf/data:1.0"><ResourceMonitor><Monitors><Monitor><Name/><U  
nit/><Used/><Total/></Monitor></Monitors></ResourceMonitor></top></filter></get></rpc>  
%Sep 22 21:40:28:613 2020 YW-S6900-F03 XMLAGENT/6/GET: sdn from 172.16.118.218,session i  
d 8,message-id 90,execute success.  
%Sep 22 21:40:28:572 2020 YW-S6900-F03 XMLAGENT/6/XML_REQUEST: sdn from 172.16.118.2  
18,session id 8,message-id 90,receive get request.<rpc  
xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-><get><filter><top  
xmlns="http://www.h3c.com/netconf/data:1.0"><Diagnostic><CPUAlert><Alert><RecoveryThreshold/  
><MinorThreshold/><WarningThreshold/><CurrentState/></Alert></CPUAlert><MemoryAlert><Alert>  
<Unit/><NormalThreshold/><SecureThreshold/><MinorThreshold/><SevereThreshold/><CriticalThre  
shold/><EarlyWarningThreshold/><CurrentState/></Alert></MemoryAlert><Memories><Memory><T  
otal/></Memory></Memories></Diagnostic></top></filter></get></rpc>  
%Sep 22 21:40:28:558 2020 YW-S6900-F03 XMLAGENT/6/GET: sdn from 172.16.118.218,session i  
d 8,message-id 89,execute success.  
%Sep 22 21:40:28:541 2020 YW-S6900-F03 XMLAGENT/6/XML_REQUEST: sdn from 172.16.118.2  
18,session id 8,message-id 89,receive get request.<rpc  
xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-><get><filter><top  
xmlns="http://www.h3c.com/netconf/data:1.0"><Diagnostic><CPUHistory><CPU><CPUUsage/></C  
PU></CPUHistory><Memories><Memory><Total/><Used/></Memory></Memories></Diagnostic></t  
op></filter></get></rpc>  
%Sep 22 21:39:29:073 2020 YW-S6900-F03 XMLAGENT/6/GET: sdn from 172.16.118.218,session i  
d 8,message-id 88,execute success.  
%Sep 22 21:39:28:818 2020 YW-S6900-F03 XMLAGENT/6/XML_REQUEST: sdn from 172.16.118.2  
18,session id 8,message-id 88,receive get request.<rpc  
xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-><get><filter><top  
xmlns="http://www.h3c.com/netconf/data:1.0"><ResourceMonitor><Resources><Resource><Device  
Node/><Name/><Unit/><MinorThreshold/><SevereThreshold/></Resource></Resources><Monitors  
><Monitor><DeviceNode/><Name/><Unit>absolute</Unit><Total/></Monitor></Monitors></Resour  
eMonitor></top></filter></get></rpc>  
%Sep 22 21:39:28:781 2020 YW-S6900-F03 XMLAGENT/6/GET: sdn from 172.16.118.218,session i  
d 8,message-id 87,execute success.  
%Sep 22 21:39:28:637 2020 YW-S6900-F03 XMLAGENT/6/XML_REQUEST: sdn from 172.16.118.2  
18,session id 8,message-id 87,receive get request.<rpc  
xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-><get><filter><top  
xmlns="http://www.h3c.com/netconf/data:1.0"><ResourceMonitor><Monitors><Monitor><Name/><U  
nit/><Used/><Total/></Monitor></Monitors></ResourceMonitor></top></filter></get></rpc>  
%Sep 22 21:39:28:628 2020 YW-S6900-F03 XMLAGENT/6/GET: sdn from 172.16.118.218,session i  
d 8,message-id 86,execute success.  
%Sep 22 21:39:28:586 2020 YW-S6900-F03 XMLAGENT/6/XML_REQUEST: sdn from 172.16.118.2  
18,session id 8,message-id 86,receive get request.<rpc  
xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-><get><filter><top
```

```

xmlns="http://www.h3c.com/netconf/data:1.0"><Diagnostic><CPUAlert><Alert><RecoveryThreshold/>
</MinorThreshold/><WarningThreshold/><CurrentState/></Alert></CPUAlert><MemoryAlert><Alert>
<Unit/><NormalThreshold/><SecureThreshold/><MinorThreshold/><SevereThreshold/><CriticalThre
shold/><EarlyWarningThreshold/><CurrentState/></Alert></MemoryAlert><Memories><Memory><T
otal/></Memory></Memories></Diagnostic></top></filter></get></rpc>
%Sep 22 21:39:28:576 2020 YW-S6900-F03 XMLAGENT/6/GET: sdn from 172.16.118.218,session i
d 8,message-id 85,execute success.
%Sep 22 21:39:28:558 2020 YW-S6900-F03 XMLAGENT/6/XML_REQUEST: sdn from 172.16.118.2
18,session id 8,message-id 85,receive get request.</rpc
xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-><get><filter><top>
xmlns="http://www.h3c.com/netconf/data:1.0"><Diagnostic><CPUHistory><CPU><CPUUsage/></C
PU></CPUHistory><Memories><Memory><Total/><Used/></Memory></Memories></Diagnostic></t
op></filter></get></rpc>

```

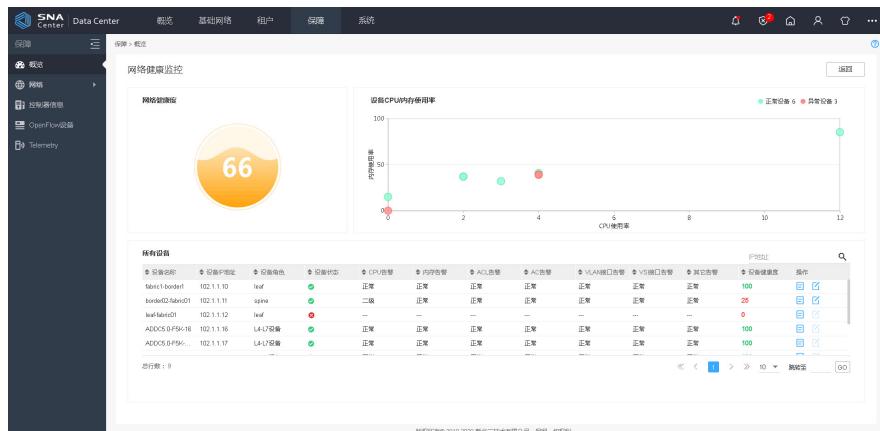
## 解决方法

该现象是在控制器上开启了网络健康监控功能引起，设置路径如下图所示：

The screenshot shows the 'System' configuration page in the SNA Center. Under 'Monitoring' > 'Network Health Monitoring', there is a table with the following data:

关键字	值	默认值	描述
cputhreshold	70	70	设备CPU使用率阈值(1~99, 单位%)
memorythreshold	70	70	设备内存使用率阈值(1~99, 单位%)
monitor cycle	60	60	后台定期向控制器发送健康信息的间隔时间(15~900, 单位秒)
<b>monitor switch</b>	<b>true</b>	<b>true</b>	<b>是否开启网络健康监控功能 (true/false)</b>

开启该功能后，控制器会定期（60s）向设备获取内存、CPU等监控信息，并将信息采集结果展示在如下页面。



如果不希望设备上再打印该日志，可以通过关闭控制器的网络健康监控功能解决。