

# 知 Comware V7防火墙是否可以通过syslog定期发送CPU利用率？

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## 问题描述

现场希望Comware V7防火墙通过syslog定期发送CPU利用率给日志主机用于监控

## 解决方法

可以通过以下命令实现syslog定期发送CPU值。

```
# 开启周期性输出CPU利用率日志信功能，且时间间隔为5秒。  
monitor cpu-usage enable  
monitor cpu-usage logging slot 2 cpu 0 interval 5
```

[H3C]monitor cpu-usage ?

```
enable    Enable CPU usage monitoring  
interval  Set the CPU usage sampling interval  
logging   Usage logging  
threshold Set the CPU usage threshold
```

开启后在logbuffer可以看到记录，在日志主机抓包也可以看到syslog日志。

```
[H3C]dis logbuffer re  
[H3C]dis logbuffer reverse  
Log buffer: Enabled  
Max buffer size: 1024  
Actual buffer size: 512  
Dropped messages: 0  
Overwritten messages: 2125  
Current messages: 512  
%Jan 31 14:48:14:817 2020 H3C DIAG/5/CPU_USAGE_LASTMINUTE: CPU usage was 0% in last minute.  
%Jan 31 14:48:09:819 2020 H3C DIAG/5/CPU_USAGE_LASTMINUTE: CPU usage was 0% in last minute.
```

2 14:48:13:867910	1.1.1.2	1.1.1.1	Syslog	162 LOCAL7.INFO: Jan 31 14:48:13 2020 H3C XX10SSH/S/SSH_DISCONNECT: SSH user admin (IP: 18
3 14:48:13:868648	1.1.1.2	1.1.1.1	Syslog	132 LOCAL7.NOTICE: Jan 31 14:48:13 2020 H3C XX10SHELL/5/SHELL_LOGOUT: admin logged out from:
4 14:48:13:868895	1.1.1.2	1.1.1.1	Syslog	138 LOCAL7.NOTICE: Jan 31 14:48:13 2020 H3C XX10DIAG/5/CPU_USAGE_LASTMINUTE: CPU usage was 0
5 14:48:14:876625	1.1.1.2	1.1.1.1	Syslog	138 LOCAL7.NOTICE: Jan 31 14:48:14 2020 H3C XX10DIAG/5/CPU_USAGE_LASTMINUTE: CPU usage was 0
6 14:48:14:876625	1.1.1.2	1.1.1.1	Syslog	138 LOCAL7.NOTICE: Jan 31 14:48:14 2020 H3C XX10DIAG/5/CPU_USAGE_LASTMINUTE: CPU usage was 0
7 14:48:14:876625	1.1.1.2	1.1.1.1	Syslog	138 LOCAL7.NOTICE: Jan 31 14:48:14 2020 H3C XX10DIAG/5/CPU_USAGE_LASTMINUTE: CPU usage was 0

```
Frame 4: 138 bytes on wire (1104 bits), 138 bytes captured (1104 bits)  
Ethernet II, Src: Hangzhou_ff:31:53 (9c:06:1b:ff:31:53), Dst: Hangzhou_be:9b:6e (3c:8c:a0:be:9b:6e)  
Internet Protocol Version 4, Src: 1.1.1.2, Dst: 1.1.1.1  
User Datagram Protocol, Src Port: 7872, Dst Port: 511  
Syslog message: LOCAL7.NOTICE: Jan 31 14:48:13 2020 H3C XX10DIAG/5/CPU_USAGE_LASTMINUTE: CPU usage was 0% in last minute.\000  
000 3c 8c 40 be 9b 6e 9c 06 1b ff 31 53 00 00 45 00 c-8.n...15..E.  
010 00 7c f2 b9 00 00 ff 11 c4 02 01 01 01 02 01 01 .....:.....  
020 01 01 1e c0 02 02 00 68 24 12 3c 31 38 39 3a 4a .....H 8c1899)  
030 61 6e 20 33 31 20 31 34 3a 34 38 3a 33 39 20 32 an 31 14 148:139.2  
040 30 32 30 20 48 33 43 20 25 25 31 30 44 40 41 47 020 H3C XX10DIAG  
050 2f 35 2f 43 50 55 5f 55 53 41 47 45 5f 4c 41 53 /5/CPU_U SAGE_LAS  
060 54 4d 49 4e 55 54 45 3a 20 43 50 55 20 75 73 61 MINUTE: CPU usa  
070 67 65 20 77 61 73 20 30 25 20 69 0e 20 6c 61 73 ge was 0 % in las  
080 74 20 6d 69 6e 75 74 65 2e 00 t minute ..
```