



CXone Mpower EXPERT

由于 Nwk_lg 域较高，CPU 利用率较高

https://kb-cn-stage.netapp.com/on-prem/ontap/Perf/Perf-KBs/CPU_utilization_high_due_to_high_nwk_l...

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适用场景

ONTAP 9

问题描述

- CPU 利用率高

示例：

```
cluster::*> run -node nodel sysstat 1
CPU      NFS      CIFS     HTTP     Net      kB/s     Disk    kB/s     Tape    kB/s
Cache
          in      out      read    write    read    write
age
53%     5324   48229    0       38327   6833    127216  390644    0       0       6s
64%     6208   38916    0       64143   10034   419764  1445352   0       0
6s
```

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```

50% 26610 51969 0 73790 8921 119760 382280 0 0 6s
53% 29072 57445 0 125694 10797 106164 408976 0 0 6s
89% 15387 45833 0 120733 8356 176208 521896 0 0 10s
99% 15003 48234 0 131641 7639 190944 511900 0 0 2
 99% 12012 64723 0 105238 16576 373572 512840 0 0
0s
99% 15154 35868 0 148367 13014 255076 405512 0 0 2
 99% 12834 34674 0 115071 6865 215028 550032 0 0 2
 99% 12465 32334 0 133452 17632 414064 679288 0 0 2
 99% 13036 37854 0 126981 8369 204972 402760 0 0 3
CPU NFS CIFS HTTP Net kB/s Disk kB/s Tape kB/s
Cache
          in out read write read write
age
99% 13897 33801 0 141796 3869 104280 335868 0 0 2
 99% 12403 30245 0 87923 9940 319380 821176 0 0
2s
99% 10065 29574 0 172745 8461 158264 417404 0 0 2s
99% 11967 33489 0 154454 9136 206668 564908 0 0 3
 99% 11428 34399 0 81521 3313 136904 391944 0 0 2

```

- Nwk_Ig 域较高时的 CPU 利用率较高。

```

cluster::> node run -node <node_name>
node> priv set diag
node*> sysstat -M

```

示例：

- fragments received 输出 "netstat -s" 中的大量。

示例：

```

> ip:
>          645136792449 total packets received
>          154113333490 fragments received          <<<
Here>>>
>          7271533072 packets reassembled ok
>          464498769419 packets sent from this host
>          801059272 output datagrams fragmented
>          13545054029 fragments

```

```
created
> icmp:
>           Output histogram:
>           echo reply: 19561080
>           destination unreachable:
273761
>           Input histogram:
>           echo reply: 5331332
>           destination unreachable: 708
>           echo: 19561716
>           time exceeded: 8556
```

- 基于 UDP 的 NFS 。