gstat, iostat, systat – утилиты для дисковой подсистемы

gstat

Запускаем и видим текущую нагрузку на диски.

```
#gstat
dT: 1.003s w: 1.000s
 L(q)   ops/s    r/s    kBps    ms/r   w/s    kBps    ms/w
%busy   Name
    0       2      0       0     0.0     2     64     0.2
0.0|   ada0
    0       0      0       0     0.0     0      0     0.0
0.0|   ada1
    0       0      0       0     0.0     0      0     0.0
0.0|   ada2
    0       2      0       0     0.0     2     64     0.2
0.0|   ada3
    0       0      0       0     0.0     0      0     0.0
0.0|   ada0p1
 ..........
```

iostat

```
#iostat -x 1
root@tst: iostat -x 1
                        extended device statistics
device r/s    w/s    kr/s    kw/s    qlen   svc_t  %b
ada0   2.4    10.3   40.9    371.6   0      16.4   2
ada1   0.0    0.0    0.6     0.0     0      10.7   0
ada2   1.4    0.0    152.9   0.5     0      9.8    1
ada3   2.4    10.3   40.7    371.6   0      16.9   2
pass0  0.0    0.0    0.0     0.0     0      37.2   0
pass1  0.0    0.0    0.0     0.0     0      182.9  0
pass2  0.0    0.0    0.0     0.0     0      26.8   0
pass3  0.0    0.0    0.0     0.0     0      0.0    0
```

systat -iostat

```
                            /0    /1    /2     /3    /4    /5
 /6    /7    /8    /9   /10
              Load Average |||||

           /0%    /10    /20    /30   /40    /50   /60    /70
 /80   /90   /100
cpu   user|XXXX
      nice|
    system|XXXXXXX
 interrupt|XX
      idle|XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                /0%   /10   /20   /30   /40   /50   /60   /70
 /80   /90   /100
ada0   MB/sX
       tps|XXXXXXXXXXXXXXXXXXXXXXXXXX
ada1   MB/s
       tps|
ada2   MB/sXXX
       tps|XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ada3   MB/sX
       tps|XXXXXXXXXXXXXXXXXXXXXXXXXX
pass0 MB/s
       tps|
pass1  MB/s
       tps|
pass2  MB/s
       tps|
pass3  MB/s
       tps|
```

Определить процесс, который нагружает диски, выполним такую команду:

```
top -m io -o total
```