nmon insights : CPU, MEM, TOP Commands and Process

Report name : nmon insights Report
Owner : Abhishek Panakkaran
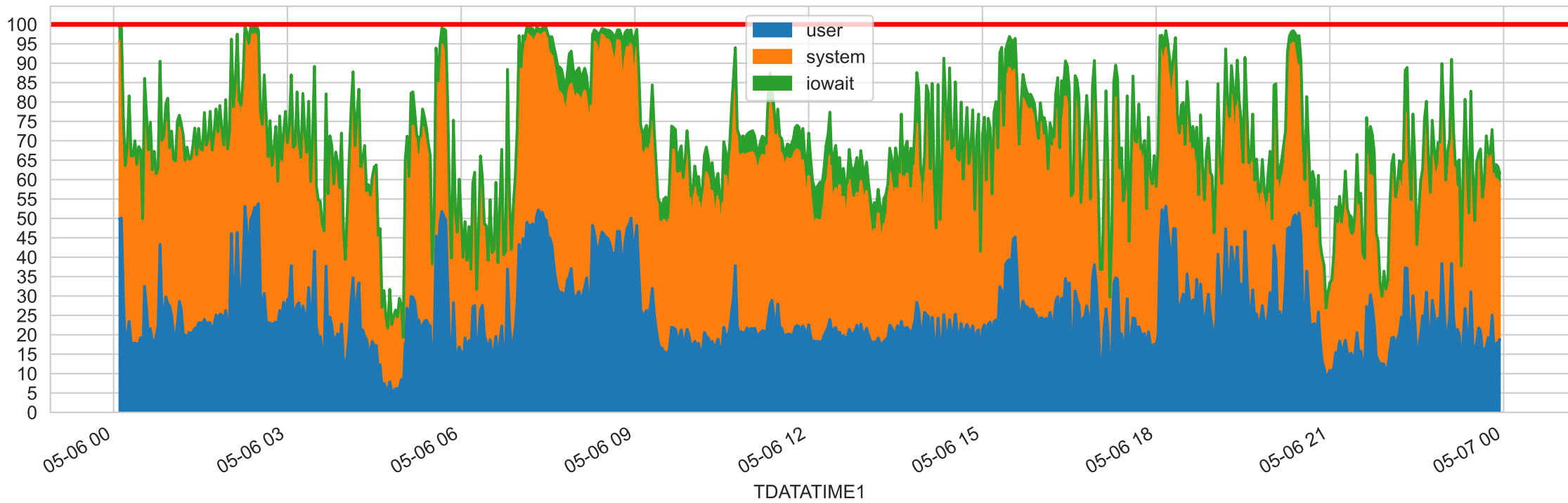*Version : Beta*
Support : as-is

email: abhishek.vcp@gmail.com
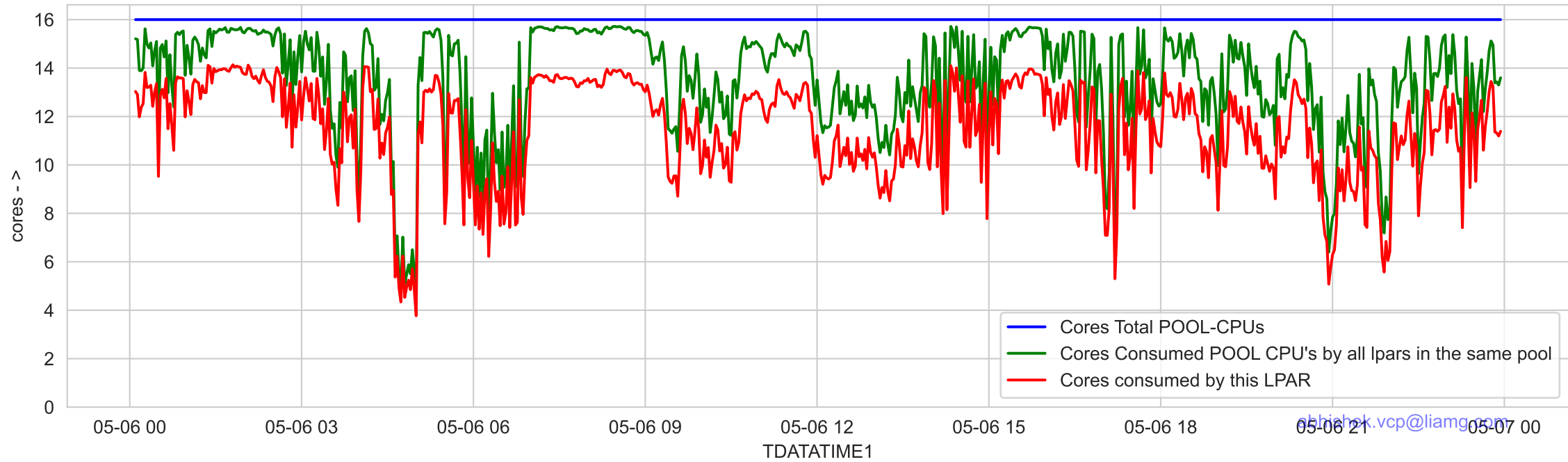*Nmon-file-insigts*

note *data source is *.nmon file schedule like below
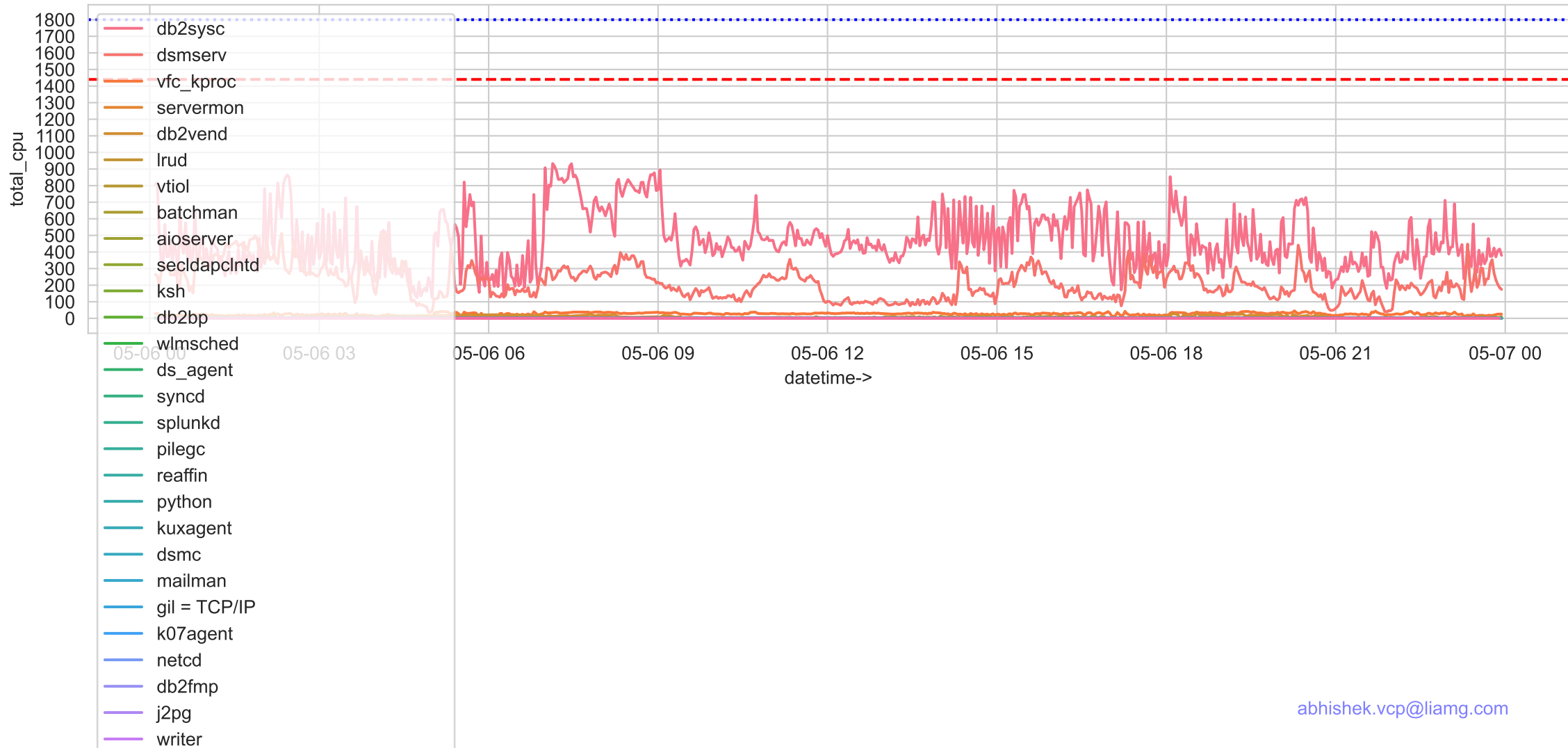 /usr/bin/topas_nmon -F /var/nmon/lparname_23052022.nmon -t -s 900 -c 96
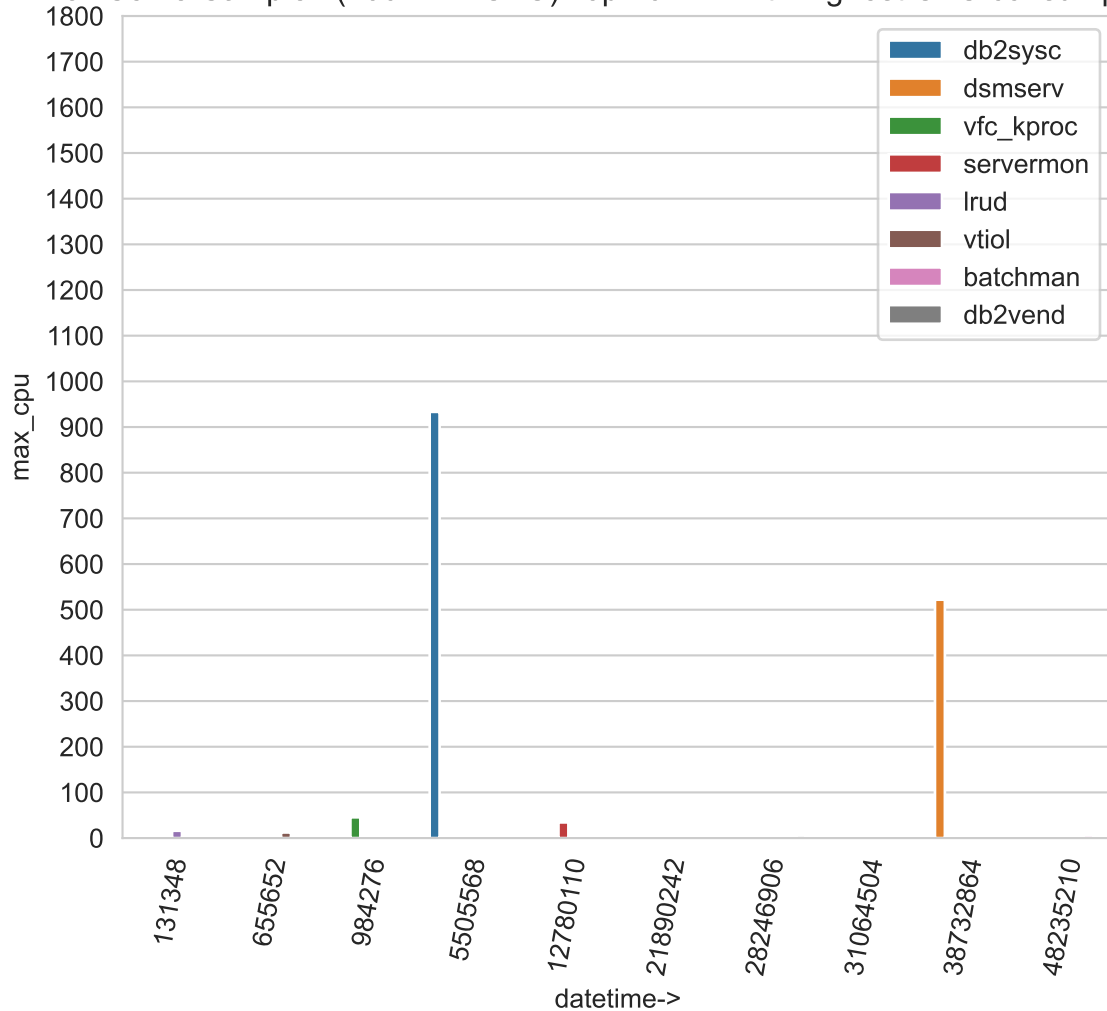
aixServerSample1 : CPU consumpion %
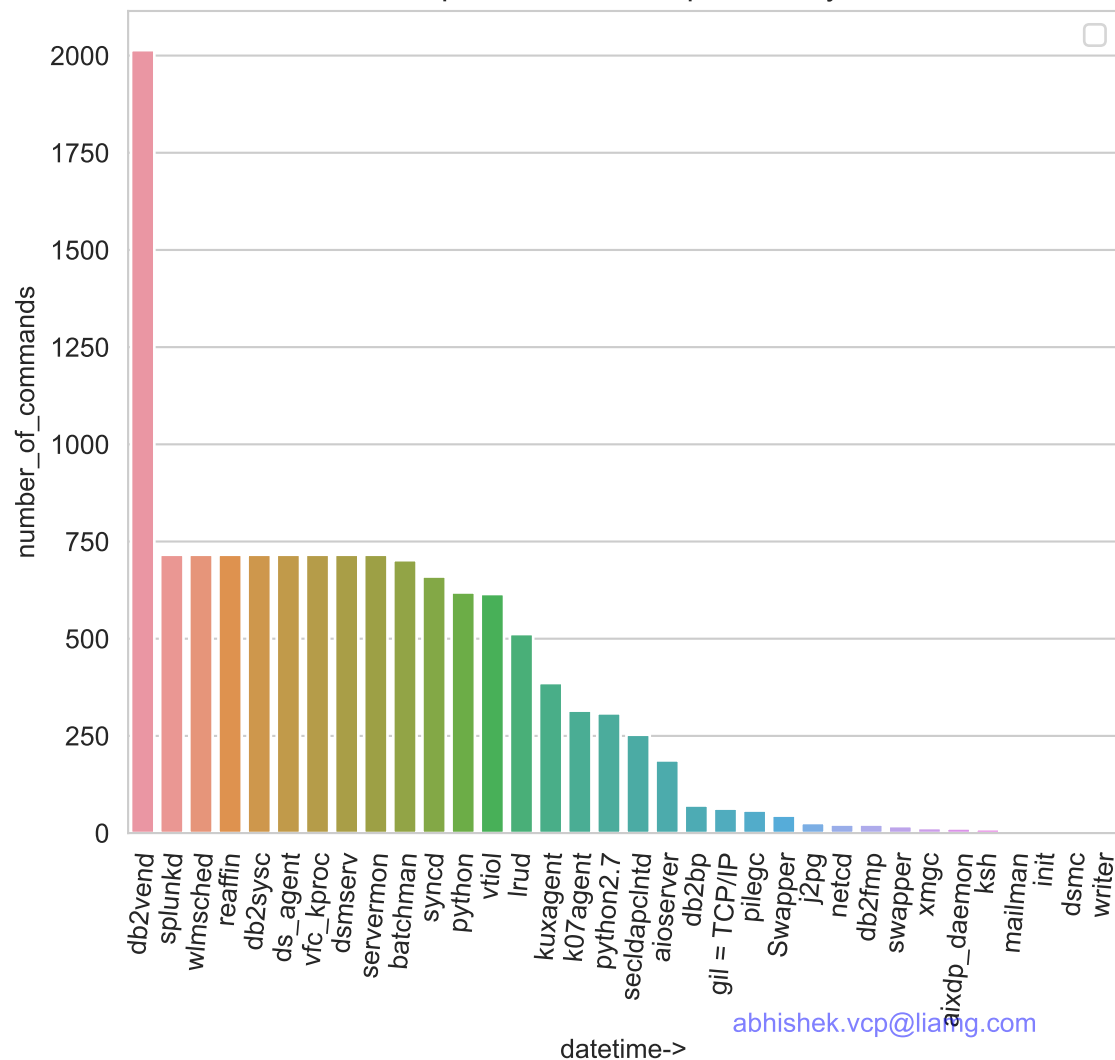
aixServerSample1 : Cores consumed from pool

aixServerSample1 Top commands consuming CPU

Legend:
- db2sysc
- dsmserv
- vfc_kproc
- servermon
- db2vend
- lrud
- vtiol
- batchman
- aioserver
- secldapclntd
- ksh
- db2bp
- wlmsched
- ds_agent
- syncd
- splunkd
- pilegc
- reaffin
- python
- kuxagent
- dsmc
- mailman
- gil = TCP/IP
- k07agent
- netcd
- db2fmp
- j2pg
- writer

Y-axis (total_cpu): 0, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800

X-axis (datetime->): 05-06 00, 05-06 03, 05-06 06, 05-06 09, 05-06 12, 05-06 15, 05-06 18, 05-06 21, 05-07 00
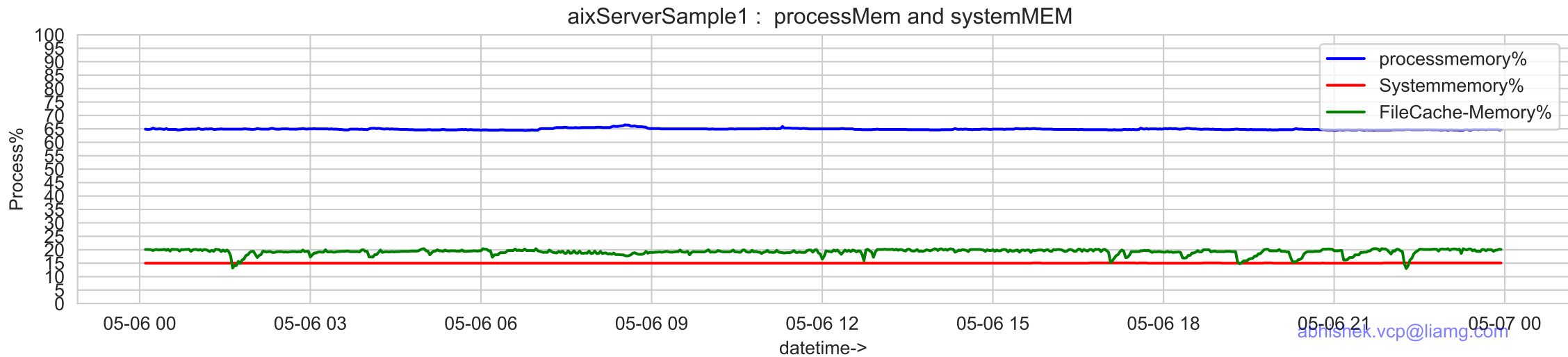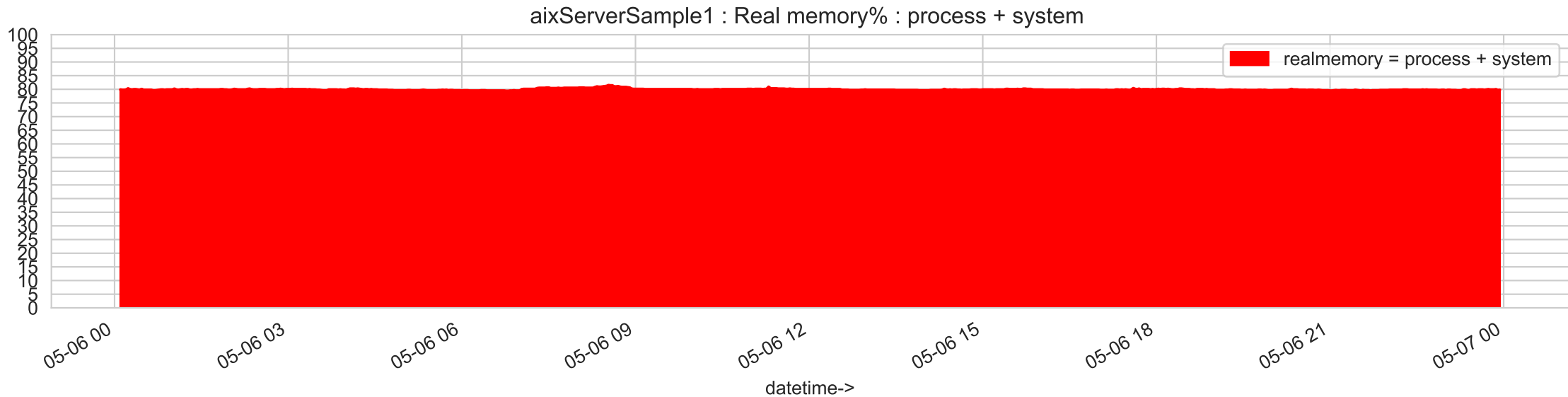
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aixServerSample1 (100 == 1 CPU) Top 10 PID with highest CPU consumption

aixServerSample1 : Number of process by commands

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aixServerSample1 : Real memory% : process + system

realmemory = process + system

datetime->

aixServerSample1 : processMem and systemMEM

processmemory%
Systemmemory%
FileCache-Memory%

Process%

datetime->
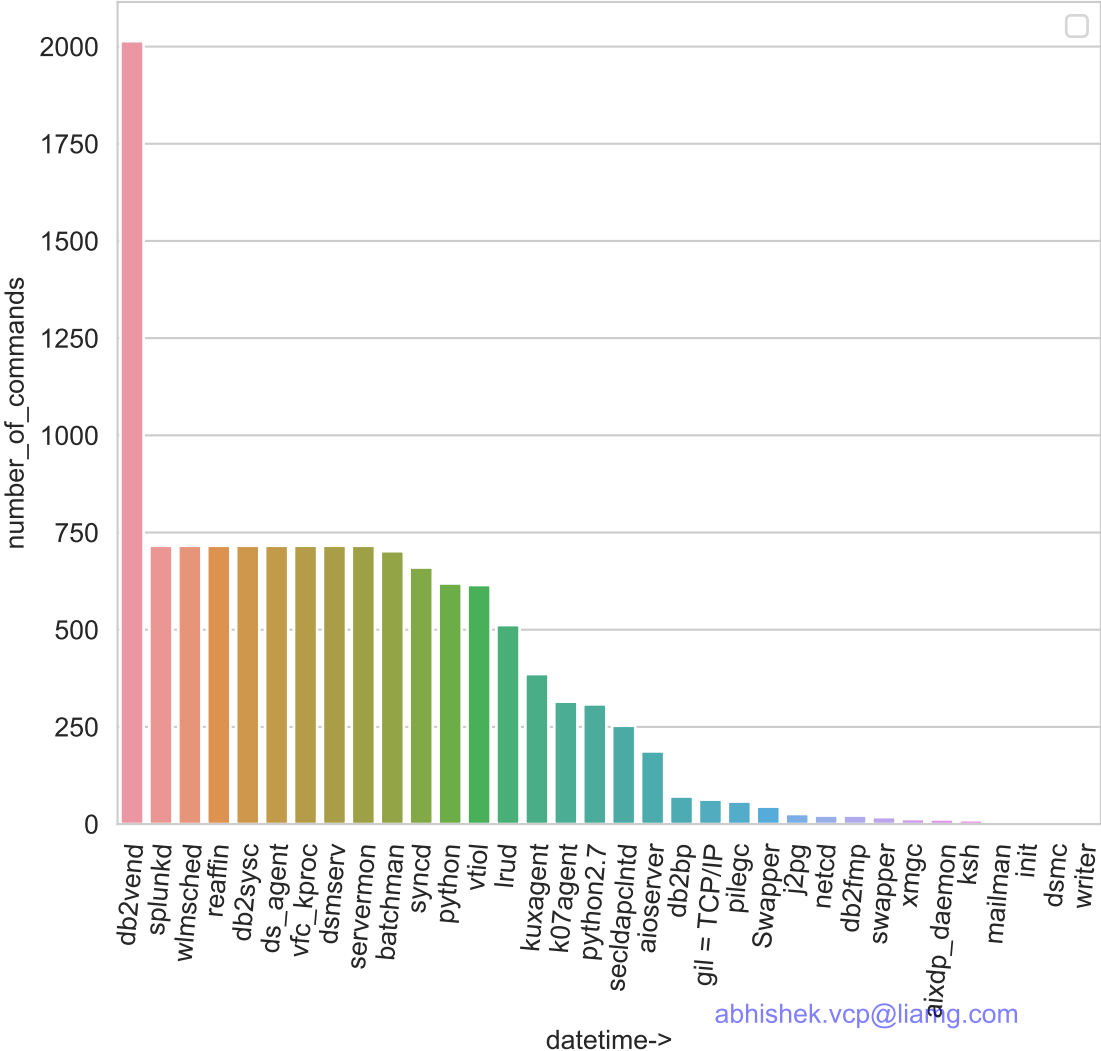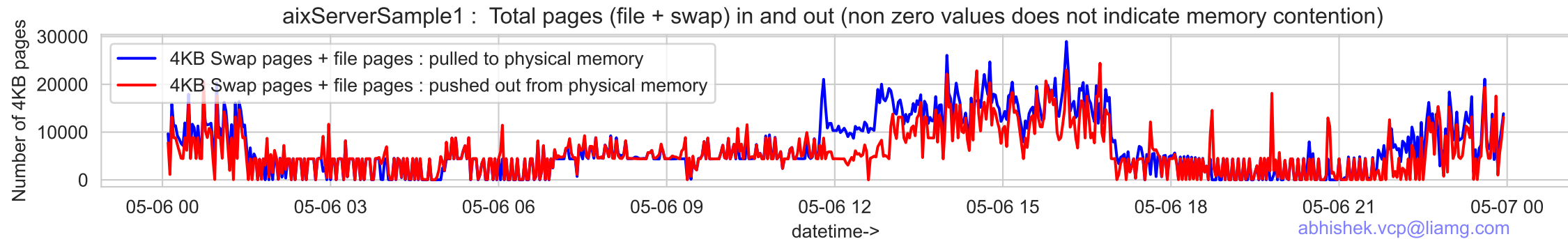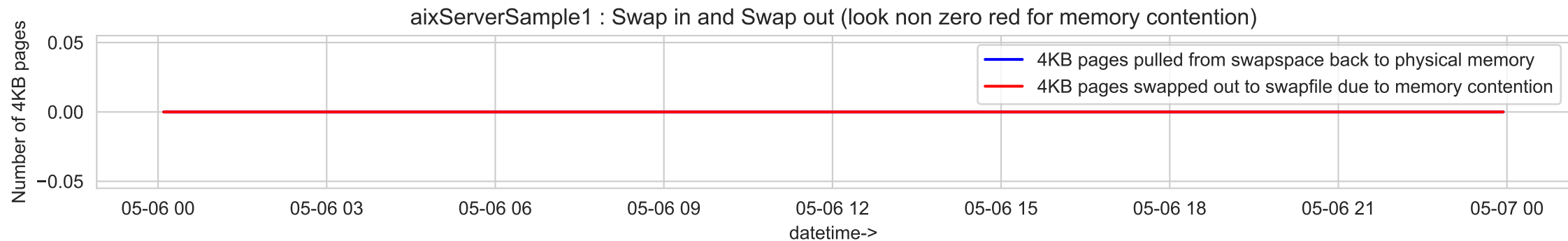
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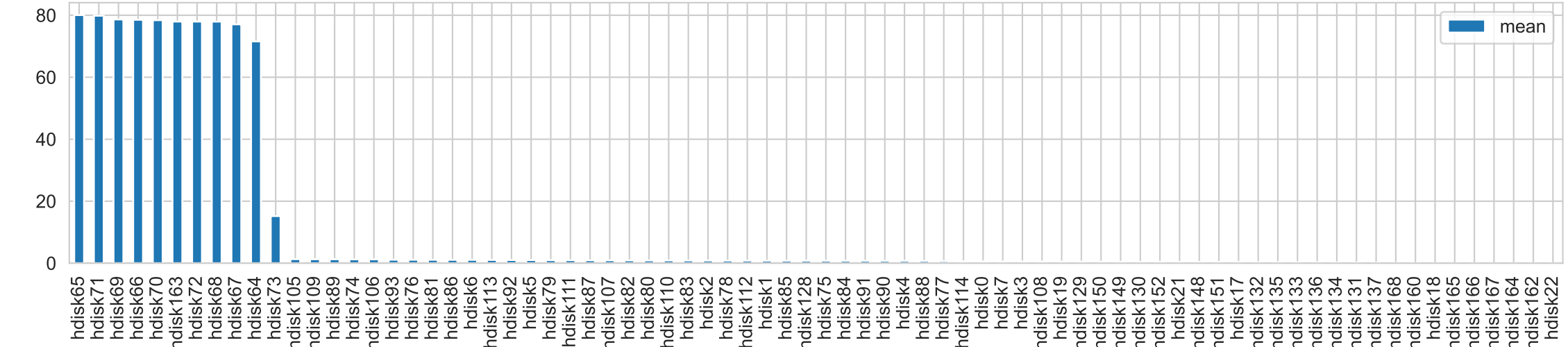aixServerSample1 Top 10 PID with highest Memory consumption in MB
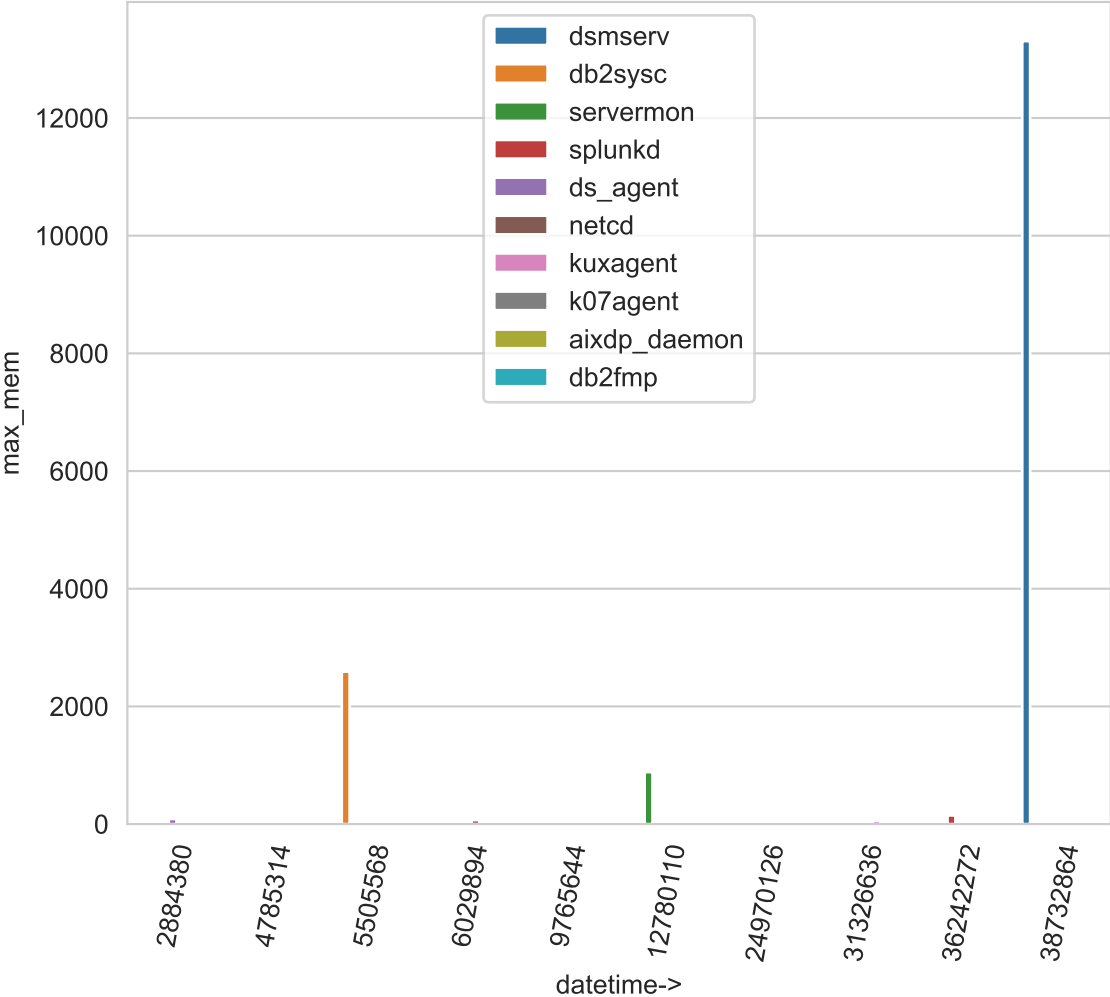
aixServerSample1 : Number of process by commands

aixServerSample1 : Swap in and Swap out (look non zero red for memory contention)

aixServerSample1 : Total pages (file + swap) in and out (non zero values does not indicate memory contention)
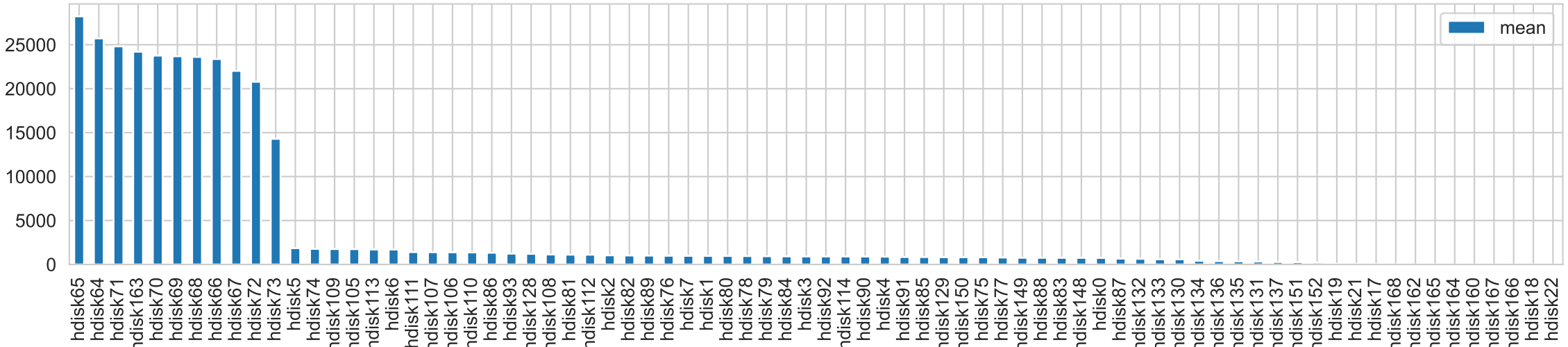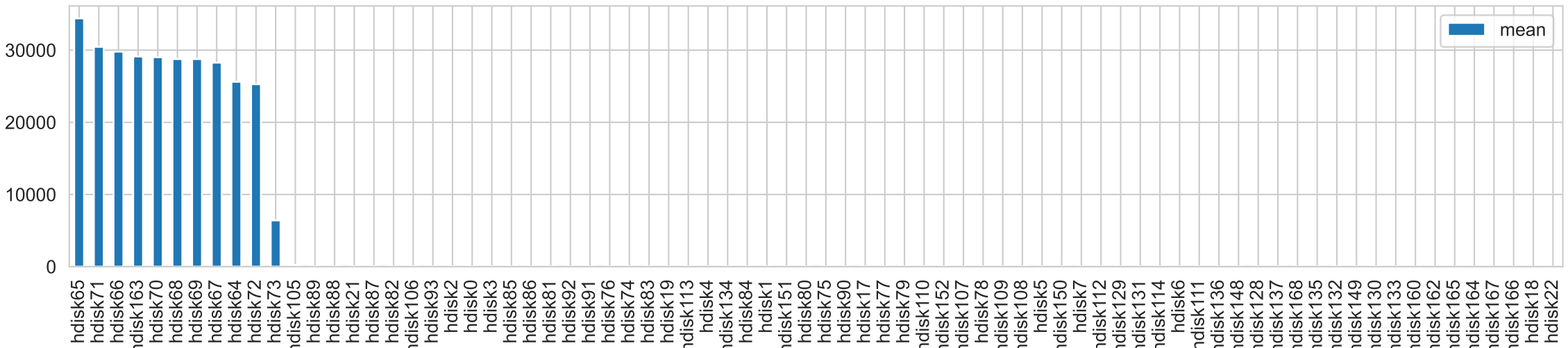
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aixServerSample1 : Average Disk Busy%

aixServerSample1 : Average Disk write KB

aixServerSample1 : Average Disk read KB

aixServerSample1 :Average Disk Transfer Total (read IO + Write IO)