











```
/usr/sbin/syncd 1 1 1 0 0 0 0
/usr/bin/iostat 1 1 0 0 1 0 0
/usr/bin/hostname 1 1 1 0 0 0 0
/usr/bin/grep 1 1 1 0 0 0 0
/usr/sbin/cron 1 1 1 0 0 0 0
/usr/bin/vmstat 1 1 1 0 0 0 0
/usr/bin/setmaps 1 1 1 0 0 0 0
/usr/es/sbin/cluster/clstrmgr 1 1 0 0 1 0 0
/usr/sbin/aso 1 1 1 0 0 0 0
muctrl 1 1 1 0 0 0 0
/usr/bin/date 1 1 0 0 1 0 0
/usr/sbin/bindprocessor 1 1 0 0 1 0 0
rpc.lockd 1 1 1 0 0 0 0
/opt/rsct/bin/IBM.MgmtDomainRMd
1 1 0 0 1 0 0
```

```
=====
Total 118 11996 5921 5995 80 0 0
```

```
Process PID TID Total Kernel User Shared Other Java
=====
```

```
mumsm 13566366 101908519 5997 10 5987 0 0 0
wait 131076 131077 5655 5655 0 0 0 0
/usr/sbin/snmpd 5570750 9043989 28 25 0 3 0 0
```

```
5701654 10616911 10 6 0 4 0 0
```

```
27853170 116523025 10 8 0 2 0 0
```

```
16908568 21037289 9 6 0 3 0 0
```

```
16908564 21037285 9 6 0 3 0 0
```

```
27918726 116326431 9 7 0 2 0 0
```

```
27918720 116326425 9 8 0 1 0 0
```

```
6488312 11468895 8 4 1 3 0 0
/usr/bin/ps 21496144 116260879 8 4 1 3 0 0
/usr/bin/ps 19988892 116391957 7 4 0 3 0 0
/usr/bin/ps 16908558 21037279 7 5 0 2 0 0
/usr/bin/ps 16187840 115933193 7 4 0 3 0 0
lock_rcv 2883690 4849827 7 7 0 0 0 0
/usr/bin/ps 21103086 121634993 7 4 1 2 0 0
/usr/bin/ps 21496172 116260907 7 5 0 2 0 0
/usr/bin/ps 21496154 116260889 7 4 0 3 0 0
/usr/bin/ps 15204564 106758313 7 5 0 2 0 0
/usr/bin/ps 27722152 114950187 7 6 0 1 0 0
/usr/bin/ps 15204562 106758311 7 3 1 3 0 0
/usr/bin/ps 21103060 121634967 7 6 0 1 0 0
/usr/bin/ps 22938090 110559313 6 6 0 0 0 0
```

```
6684920 11272291 6 5 0 1 0 0
/usr/sbin/sshd 21496188 116260923 6 2 1 3 0 0
/usr/bin/ps 21496170 116260905 6 4 0 2 0 0
```

```
16187636 36438113 5 3 1 1 0 0
```

```
4128894 7471333 5 2 1 2 0 0
swapper 0 3 4 4 0 0 0 0
```

/usr/bin/login 26870168 104071203 4 2 0 2 0 0  
/usr/bin/login 26804608 107741261 4 4 0 0 0 0  
gil 1179684 2162755 4 4 0 0 0 0  
/usr/bin/login 19136912 110231567 4 3 0 1 0 0  
/bin/perl 21103062 121634969 3 2 0 1 0 0  
/usr/bin/w 21103044 121634951 3 3 0 0 0 0  
gil 1179684 2097217 3 3 0 0 0 0  
/usr/bin/login 13697434 107216935 3 0 0 3 0 0

6357204 11534433 3 2 0 1 0 0

16187848 115933201 3 3 0 0 0 0

7143560 23920657 3 0 0 3 0 0  
/usr/bin/netstat 16908792 21037257 2 2 0 0 0 0  
/usr/bin/netstat 26804604 107741257 2 2 0 0 0 0  
/bin/ksh 6226110 10747977 2 2 0 0 0 0

7602186 24707089 2 1 0 1 0 0

6815952 11599971 2 2 0 0 0 0

27525488 107937851 2 2 0 0 0 0  
/usr/sbin/sshd 18940338 106299459 2 2 0 0 0 0

6291456 13303961 2 2 0 0 0 0  
mutio 15991256 121307293 2 2 0 0 0 0  
/usr/bin/sort 27722094 114950385 2 1 0 1 0 0  
/usr/sbin/sshd 18940336 106299457 2 0 0 2 0 0  
gil 1179684 2228293 2 2 0 0 0 0  
DPKP 4653246 9633873 2 2 0 0 0 0  
/usr/bin/sh 21103068 121634975 2 1 1 0 0 0

21496178 116260913 1 1 0 0 0 0  
/usr/bin/grep 21103054 121634961 1 1 0 0 0 0  
/usr/bin/setmaps 21496142 116260877 1 1 0 0 0 0  
/usr/bin/sh 27722128 114950163 1 1 0 0 0 0  
/usr/bin/sh 27722098 114950389 1 1 0 0 0 0  
/usr/bin/sh 27722108 114950399 1 1 0 0 0 0  
/usr/bin/sh 27722090 114950381 1 1 0 0 0 0  
/usr/bin/sh 16908548 21037269 1 1 0 0 0 0  
/usr/bin/sh 27722138 114950173 1 1 0 0 0 0  
/usr/bin/sh 16908546 21037267 1 1 0 0 0 0  
/usr/bin/sh 21103062 121634969 1 1 0 0 0 0  
/usr/bin/sh 27722122 114950157 1 1 0 0 0 0  
/usr/bin/sh 15204548 106758297 1 1 0 0 0 0  
/usr/bin/sh 27722120 114950155 1 1 0 0 0 0  
/usr/bin/sh 25559450 103612559 1 1 0 0 0 0  
/usr/bin/sleep 17694988 110821625 1 1 0 0 0 0  
/usr/bin/sleep 17695000 110821381 1 1 0 0 0 0  
/usr/bin/date 27722132 114950167 1 0 0 1 0 0  
/usr/bin/awk 18809328 115212293 1 1 0 0 0 0  
/usr/bin/awk 26804598 107741251 1 1 0 0 0 0  
/usr/bin/awk 17694980 110821617 1 1 0 0 0 0

5701654 12845229 1 1 0 0 0 0

7012416 14221511 1 0 0 1 0 0

3866654 12451967 1 0 0 1 0 0

6291456 8781893 1 0 0 1 0 0  
/usr/sbin/aso 4849814 8192253 1 1 0 0 0 0

21496164 116260899 1 0 0 1 0 0  
/usr/sbin/cron 15204554 106758303 1 1 0 0 0 0  
/usr/bin/vmstat 24314156 34472159 1 1 0 0 0 0  
/bin/ksh 21496172 116260907 1 1 0 0 0 0  
/usr/sbin/sshd 18809088 115212309 1 1 0 0 0 0  
/usr/bin/iostat 24183068 114294831 1 0 0 1 0 0  
/usr/bin/netstat 21103056 121634963 1 1 0 0 0 0  
-ksh 26804608 107741261 1 0 0 1 0 0

15204574 106758323 1 1 0 0 0 0

15204552 106758301 1 1 0 0 0 0

27722160 106102885 1 1 0 0 0 0

19988886 116391951 1 0 0 1 0 0  
/bin/ksh 18809324 115212289 1 1 0 0 0 0  
/bin/ksh 27787630 116981781 1 1 0 0 0 0

15204558 106758307 1 1 0 0 0 0

16187844 115933197 1 0 0 1 0 0

21496184 116260919 1 1 0 0 0 0

27853172 116523027 1 1 0 0 0 0

13959448 113246405 1 1 0 0 0 0

27722158 106102883 1 1 0 0 0 0

27853162 116523017 1 1 0 0 0 0

27722154 114950189 1 1 0 0 0 0  
/usr/bin/wc 27722098 114950389 1 1 0 0 0 0

27722110 114950145 1 1 0 0 0 0  
/usr/bin/wc 27853164 116523019 1 1 0 0 0 0

7602186 20054121 1 1 0 0 0 0

21954826 109117579 1 1 0 0 0 0  
/bin/ksh 17694996 110821377 1 1 0 0 0 0  
/usr/bin/wc 27918704 116326409 1 1 0 0 0 0  
./msm 13697434 107216935 1 1 0 0 0 0  
gil 1179684 2031679 1 1 0 0 0 0  
./msm 26804608 107741261 1 0 0 1 0 0  
muctrl 7995424 28311785 1 1 0 0 0 0  
-ksh 13697434 107216935 1 1 0 0 0 0  
mutio 25821478 113311857 1 1 0 0 0 0  
/usr/sbin/syncd 1638506 5177503 1 1 0 0 0 0  
rpc.lockd 4194446 8454193 1 1 0 0 0 0  
-ksh 18809088 115212309 1 1 0 0 0 0

=====



Total 11996 5921 5995 80 0 0

Total Ticks For All Processes (USER) = 5995

User Process Ticks % Address Bytes

```
=====
mumsm 5987 49.91 100b3674 1234d
/usr/bin/ps 3 0.03 1000001b0 14768
/usr/sbin/zabbix_agentd: 1 0.01 100016f8c 1
/usr/sbin/sshd 1 0.01 10000150 d0080
/usr/sbin/syslogd 1 0.01 1000001b0 abb0
/usr/bin/sh 1 0.01 10000100 3eac
/usr/es/sbin/cluster/clinfo 1 0.01 10000178 4f402
```

Profile: mumsm

Total Ticks For All Processes (mumsm) = 5987

Subroutine Ticks % Source Address Bytes

```
=====
<0x100B36A0> 1061 8.84 100b36a0 1
<0x100C59AC> 868 7.24 100c59ac 1
<0x100B3678> 734 6.12 100b3678 1
<0x100B36D4> 685 5.71 100b36d4 1
<0x100B3688> 409 3.41 100b3688 1
<0x100B36D0> 397 3.31 100b36d0 1
<0x100C5990> 316 2.63 100c5990 1
<0x100C59C0> 238 1.98 100c59c0 1
<0x100B368C> 201 1.68 100b368c 1
<0x100C5950> 196 1.63 100c5950 1
<0x100B3674> 143 1.19 100b3674 1
<0x100B36C0> 140 1.17 100b36c0 1
<0x100B36D8> 126 1.05 100b36d8 1
<0x100B367C> 122 1.02 100b367c 1
<0x100C5978> 120 1.00 100c5978 1
<0x100C5970> 119 0.99 100c5970 1
<0x100B36C8> 112 0.93 100b36c8 1
```

Profile: /usr/bin/ps

Total Ticks For All Processes (/usr/bin/ps) = 3

Subroutine Ticks % Source Address Bytes

```
=====
.print_args 1 0.01 /usr/bin/ps bb0 158
.malloc 1 0.01 glink64.s 13b58 18
.main 1 0.01 /usr/bin/ps 7830 46ac
```

Profile: /usr/sbin/zabbix\_agentd:

Total Ticks For All Processes (/usr/sbin/zabbix\_agentd:) = 1

Subroutine Ticks % Source Address Bytes

```
=====
<0x100016F8C> 1 0.01 100016f8c 1
```

Profile: /usr/sbin/sshd

Total Ticks For All Processes (/usr/sbin/sshd) = 1





```
.vnode_getattr_flags 1 0.01 ../../../../src/bos/kernel/lfs/vnops.c 6a0d60 1a0
_kvmmgetinfo 1 0.01 ../../../../src/bos/kernel/vmm/vmgetinfo.c 728c20 840
.vminfo64to32 1 0.01 ../../../../src/bos/kernel/vmm/vmgetinfo.c 72d820 340
.copyinstr 1 0.01 ../../../../src/bos/kernel/vmm/userio.c a7600 220
.uinfo_ref 1 0.01 ../../../../src/bos/kernel/proc/usrinfo.c 7fd4e0 a0
.ld_resolve1 1 0.01 ../../../../src/bos/kernel/ldr/ld_symbols.c 86a520 1920
.ld_hash 1 0.01 ../../../../src/bos/kernel/ldr/ld_symbols.c 86f3e0 c0
```

```
Millicode Subroutine Ticks % Source Address Bytes
=====
.memset_overlay 6 0.05 low.s e008 5f8
.memset64_overlay 2 0.02 low.s e808 5f8
.strlen_overlay 1 0.01 low.s e600 200
.strcpy_overlay 1 0.01 low.s fc00 200
.strcmp_overlay 1 0.01 low.s dc00 200
```

Total Ticks For All Processes (KEX) = 13

```
Kernel Ext Ticks % Address Bytes
=====
/usr/lib/drivers/netinet 5 0.04 5cd0200 ef8a0
UnknownBinary 3 0.03 f1000000c03e7094 1
/usr/lib/drivers/eth_demux 3 0.03 5ca0200 3e30
/usr/lib/drivers/if_en 1 0.01 5fa0200 7d58
/usr/lib/drivers/vioentdd 1 0.01 5c50300 24a48
```

Profile: /usr/lib/drivers/netinet

Total Ticks For All Processes (/usr/lib/drivers/netinet) = 5

```
Subroutine Ticks % Source Address Bytes
=====
.tcp_fasttimo 2 0.02 /usr/lib/drivers/netinet df4e0 420
.tcp_slowtimo 2 0.02 /usr/lib/drivers/netinet dee40 668
.tcp_input0 1 0.01 /usr/lib/drivers/netinet bd700 a7dc
```

Profile: UnknownBinary

Total Ticks For All Processes (UnknownBinary) = 3

```
Subroutine Ticks % Source Address Bytes
=====
<0xF1000000C03E7094> 3 0.03 f1000000c03e7094 1
```

Profile: /usr/lib/drivers/eth\_demux

Total Ticks For All Processes (/usr/lib/drivers/eth\_demux) = 3

```
Subroutine Ticks % Source Address Bytes
=====
.eth_std_receive 2 0.02 /usr/lib/drivers/eth_demux 2800 4bc
.eth_receive 1 0.01 /usr/lib/drivers/eth_demux 860 3ac
```

Profile: /usr/lib/drivers/if\_en

Total Ticks For All Processes (/usr/lib/drivers/if\_en) = 1

```
Subroutine Ticks % Source Address Bytes
=====
```

.en\_output 1 0.01 /usr/lib/drivers/if\_en 2da0 1898

Profile: /usr/lib/drivers/vioentdd

Total Ticks For All Processes (/usr/lib/drivers/vioentdd) = 1

Subroutine Ticks % Source Address Bytes

=====  
.vioent\_receive 1 0.01 ../../../../src/bos/kernext/vioent/vioent\_receive.c 18b00 2020

Total Ticks For All Processes (SH-LIBs) = 80

Shared Object Ticks % Address Bytes

=====  
/usr/lib/libc.a[shr\_64.o] 28 0.23 900000000000a00 359438  
/usr/lib/libc.a[shr.o] 25 0.21 d0100280 361448  
/usr/bin/ps 6 0.05 900000000579a60 218dd  
/usr/lib/libpthreads.a[shr\_xpg5.o] 5 0.04 d052f180 32ced  
/usr/lib/libcrypto.a[libcrypto.so.1.0.0] 3 0.03 d414c350 15ec1e  
/usr/lib/libpthreads.a[shr.o] 3 0.03 d0c39180 2d10d  
/usr/lib/libi18n.a[shr.o] 2 0.02 d057e280 b180  
/usr/lib/libsnmppriv\_ne.a[shr.o] 2 0.02 d0c7c280 7ddac  
/usr/lib/libct\_mss.a[shr.o] 2 0.02 d469a280 8bc50  
/usr/lib/libperfstat.a[shr\_64.o] 1 0.01 900000000911b00 67273  
/usr/sbin/zabbix\_agentd: 1 0.01 900000000579ac0 1  
/usr/java7\_64/jre/lib/ppc64/compressedrefs/libj9jit26.so 1 0.01 900000000cea280 8ca0f4  
Millicode routines 1 0.01 0 3200

Profile: /usr/lib/libc.a[shr\_64.o]

Total Ticks For All Processes (/usr/lib/libc.a[shr\_64.o]) = 28

Subroutine Ticks % Source Address Bytes

=====  
.strchr 3 0.03 strchr.s 1c000 180  
.compare\_rec\_char 3 0.03 ../../../../src/bos/usr/lib/security/LOCAL/common\_compare.c 1993e0 220  
\_doprnt 3 0.03 ../../../../src/bos/usr/ccs/lib/libc/doprnt.c 5a80 81a0  
.compare\_rec\_int 3 0.03 ../../../../src/bos/usr/lib/security/LOCAL/common\_compare.c 199240 1a0  
.binary\_search 2 0.02 ../../../../src/bos/usr/ccs/lib/lib/ntree.c 1067c0 2a0  
.iscntrl 2 0.02 ../../../../src/bos/usr/ccs/lib/libc/iscntrl.c 279500 100  
.free\_y 2 0.02 ../../../../src/bos/usr/ccs/lib/libc/malloc\_y.c 40cc0 9a0  
.colon\_search 1 0.01 ../../../../src/bos/usr/lib/security/LOCAL/file\_colon.c 1ad300 1120  
.ntree\_search 1 0.01 ../../../../src/bos/usr/ccs/lib/lib/ntree.c 105b20 340  
\_select 1 0.01 glink64.s 156d28 1  
.malloc\_y 1 0.01 ../../../../src/bos/usr/ccs/lib/libc/malloc\_y.c 42780 840  
.read\_colon\_rec 1 0.01 ../../../../src/bos/usr/lib/security/LOCAL/common\_file.c 190840 720  
\_\_ftell 1 0.01 ../../../../src/bos/usr/ccs/lib/libc/ftell.c 3db00 3a0  
.strncpy 1 0.01 strncpy.s 3c080 128  
.malloc\_common@AF104\_87 1 0.01 ../../../../src/bos/usr/ccs/lib/libc/malloc\_common.c 2aa20 1e0  
.malloc 1 0.01 ../../../../src/bos/usr/ccs/lib/libc/malloc\_common.c 2a720 120  
\_\_ntree\_locate 1 0.01 ../../../../src/bos/usr/ccs/lib/lib/ntree.c 105e60 620

Profile: /usr/lib/libc.a[shr.o]

Total Ticks For All Processes (/usr/lib/libc.a[shr.o]) = 25

Subroutine Ticks % Source Address Bytes

=====  
.strpbrk 3 0.03 ../../../../src/bos/usr/ccs/lib/libc/strpbrk.c 23500 100



Profile: /usr/lib/libi18n.a[shr.o]

Total Ticks For All Processes (/usr/lib/libi18n.a[shr.o]) = 2

Subroutine Ticks % Source Address Bytes

```
=====
__wctomb_iso1 1 0.01 ../src/bos/usr/ccs/lib/libi18n/__wctomb_iso1.c 3100 80
__mbtowc_iso1 1 0.01 ../src/bos/usr/ccs/lib/libi18n/__mbtowc_iso1.c 2780 180
```

Profile: /usr/lib/libsnmppriv\_ne.a[shr.o]

Total Ticks For All Processes (/usr/lib/libsnmppriv\_ne.a[shr.o]) = 2

Subroutine Ticks % Source Address Bytes

```
=====
.asn_decode_length 1 0.01 ../src/tcpip/usr/lib/libsnmppriv_ne/snmp_asn1.c 39780 120
.fstatx 1 0.01 glink.s 46d0 1
```

Profile: /usr/lib/libct\_mss.a[shr.o]

Total Ticks For All Processes (/usr/lib/libct\_mss.a[shr.o]) = 2

Subroutine Ticks % Source Address Bytes

```
=====
.sha512 2 0.02 /afs/apd.pok.ibm.com/u/myungbae/sandboxes/base_mut/src/rsct/crypto/clicv4/ansic/be32/clic.c
4190 36dc
```

Profile: /usr/lib/libperfstat.a[shr\_64.o]

Total Ticks For All Processes (/usr/lib/libperfstat.a[shr\_64.o]) = 1

Subroutine Ticks % Source Address Bytes

```
=====
.strncpy 1 0.01 strncpy.s 2300 140
```

Profile: /usr/sbin/zabbix\_agentd:

Total Ticks For All Processes (/usr/sbin/zabbix\_agentd:) = 1

Subroutine Ticks % Source Address Bytes

```
=====
<0x900000000579AC0> 1 0.01 900000000579ac0 1
```

Profile: /usr/java7\_64/jre/lib/ppc64/compressedrefs/libj9jit26.so

Total Ticks For All Processes (/usr/java7\_64/jre/lib/ppc64/compressedrefs/libj9jit26.so) = 1

Subroutine Ticks % Source Address Bytes

```
=====
.samplerThreadProc(void*) 1 0.01 HookedByTheJit.cpp 175e00 f40
```

Profile: Millicode routines

Total Ticks For All Processes (Millicode routines) = 1

Subroutine Ticks % Source Address Bytes

```
=====
.mull 1 0.01 low.s 3180 80
```

