

Physical Memory (PMEM) – 128GB

COSMEM | VMKMEM

Better | Worse

High | Soft | Hard | Low

```

11:35:59am up 182 days 22:54, 259 worlds; MEM overcommit avg: 0.00, 0.00, 0.00
PMEM /MB: 131071 total: 800 cos, 1355 vmk, 33676 other, 95239 free
VMKMEM/MB: 128757 managed: 7725 minfree, 14910 rsvd, 113199 ursvd, high-state
COSMEM/MB: 78 free: 1600 swap_t, 1599 swap_f: 0.00 r/s, 0.00 w/s
PSHARE/MB: 28173 shared, 5378 common: 22795 saving
SWAP /MB: 0 curr, 0 target:
MEMCTL/MB: 0 curr, 0 target, 30948 max
    
```

COS Swapping Activity | VMs Swapping Activity

VMkernel Swapping Activity | VM Memory Overhead

Mem Savings by TPS

GID	NAME	MEMSZ	GRANT	SZTGT	MCTL?	MCTLSZ	MCTLTGT	MCTLMAX	SWCUR	SWTGT	SWR/s	SWW/s	OVHDUW	OVHD
18	vobd.4298	20.63	1.54	20.63	N	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	vmware-vmkauthd	5.93	2.13	5.93	N	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	vmkiscsid.4322	7.59	2.68	7.59	N	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247	vcenter-vm01	2048.00	2047.53	1576.71	Y	0.00	0.00	1330.81	0.00	0.00	0.00	0.00	39.30	112.65
294	vcenter-vm02	512.00	511.51	329.11	Y	0.00	0.00	332.22	0.00	0.00	0.00	0.00	27.24	57.24
344	vcenter-vm03	4096.00	3839.58	2569.38	Y	0.00	0.00	2662.40	0.00	0.00	0.00	0.00	93.52	208.50
345	vcloud-cell101	1024.00	763.55	347.48	Y	652.00	652.00	652.00	0.00	0.00	0.00	0.00	29.16	50.11
346	vcloud-cell102	3584.00	3583.78	1218.23	Y	0.00	0.00	2329.60	0.00	0.00	0.00	0.00	85.43	206.55
347	chargeback-srv01	512.00	511.87	541.14	Y	0.00	0.00	332.80	0.00	0.00	0.00	0.00	27.24	40.99
348	vshield-manager	1024.00	3839.56	2775.71	N	0.00	0.00	2662.40	618.40	620.38	0.00	0.00	93.52	182.13

Size Target Determined by reservation, limit and memory shares

Balloon driver enabled (Y/N)

Currently swapped 0 = no swapping in the past

Swap target 0 = no swapping pressure

Memory

Host Memory

0 MB | 4428 MB

Consumed 2.36 GB

Overhead Consumption 170.00 MB

Guest Memory

0 MB | 4096 MB

Private 2.20 GB

Shared 1.55 GB

Swapped 0 MB

Compressed 0 MB

Ballooned 0 MB

Unaccessed 257.00 MB

Active 696.00 MB

Resource Settings

Reservation 0 MB

Limit Unlimited

Configured 4.00 GB

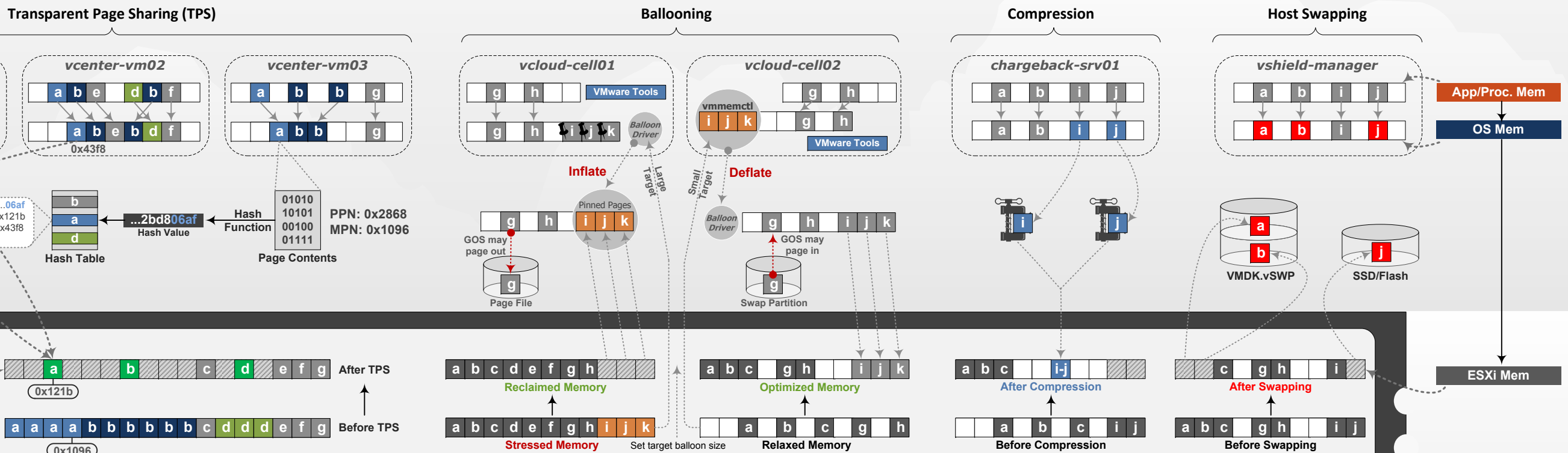
Shares Worst Case Allocation Overhead Reservation 3.58 GB 332.00 MB

Normal (163840)

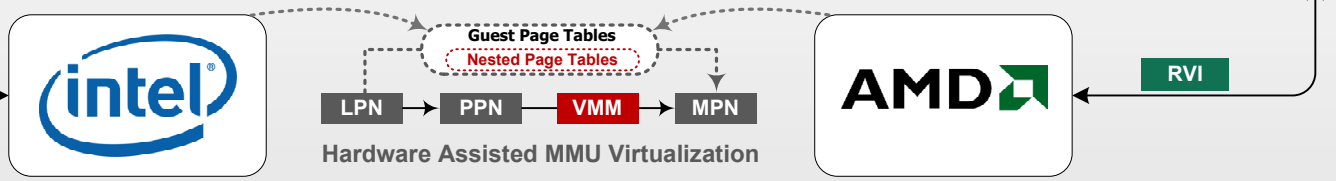
Used as an input for DRS

MEMORY OVERCOMMITMENT

Most Preferred | Least Preferred



- ### ABBREVIATIONS
- LPN Logical Page Numbers (App)
 - PPN Physical Page Numbers (OS)
 - MPN Machine Page Numbers (HV)
 - VMM Virtual Machine Monitor (Krnl)
 - EPT Extended Page Tables (intel)
 - RVI Rapid Virt. Indexing (AMD)
 - MMU Memory Management Unit



- Reclaimed memory pages
- Unused memory pages
- Shared pages (TPS)
- Swapped Pages
- Compressed Pages
- Ballooned Pages