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RHEL /proc/meminfo

Red Hat Enterprise Linux 5, 6 and 7 /proc/meminfo

Environment

- Red Hat Enterprise Linux (RHEL) 5
- Red Hat Enterprise Linux (RHEL) 6
- Red Hat Enterprise Linux (RHEL) 7

RHEL5

free -k output (RHEL 5 and RHEL 6):

	total	used	free	shared	buffers	cached
Mem:	7778104	2971960	4806144	0	211756	1071092
-/+ buffers/cache:		1689112	6088992			
Swap:	4194296	0	4194296			

free -k output (RHEL 7):

	total	used	free	shared	buff/cache
available					
Mem:	1012952	252740	158732	11108	601480
543584					
Swap:	1048572	5380	1043192		

/proc/meminfo .

MemTotal:	7778104	kB
MemFree:	4806144	kB
Buffers:	211756	kB
Cached:	1071092	kB
SwapTotal:	4194296	kB
SwapFree:	4194296	kB

RHEL7 가 가 가 . -/+ buffers/cache

MemAvailable: 543584 kB

"free -k"

"/proc/meminfo"

free	/proc/meminfo	.
free output	/proc/meminfo	
Mem: total	MemTotal	
Mem: used	MemTotal - MemFree	
Mem: free	MemFree	
Mem: shared (. 가 .)	N / A	
Mem: buffers	Buffers	
Mem: cached	Cached	
-/+ buffers/cache: used	MemTotal - (MemFree + Buffers + Cached)	
-/+ buffers/cache: free	MemFree + Buffers + Cached	
Swap: total	SwapTotal	
Swap: used	SwapTotal - SwapFree	
Swap: free	SwapFree	

RHEL 5, RHEL 6 and RHEL 7

- MemTotal: 가
 - MemFree:
 - Buffers: , .
 - Cached: ()
 - SwapCached: . (가 가 I / O 가 .)

RHEL 7 only

- MemAvailable: .

RHEL 5, RHEL 6 and RHEL 7

- Active:
 - Inactive:

RHEL 6 and RHEL 7 only

- Active(anon):
- Inactive(anon):
- Active(file):
- Inactive(file):
- Unevictable:
- Mlocked: mlock()
- Unvictable:

RHEL 5, RHEL 6 and RHEL 7

- SwapTotal:
- SwapFree:
- Dirty:
- Writeback:
- AnonPages:
- Mapped:
- Slab:
- PageTables:
- NFS_Unstable:
- Bounce:
- CommitLimit:
- Committed_AS:
- VmallocTotal: vmalloc
- VmallocUsed: vmalloc
- VmallocChunk: vmalloc
- HugePages_Total:
- HugePages_Free:
- HugePages_Rsvd:
- Hugepagesize: hugepage

RHEL 6 and RHEL 7 only

- Shmem:
- SReclaimable:
- SUnreclaim:
- KernelStack:
- WritebackTmp: FUSE
- HardwareCorrupted:

- AnonHugePages:
- HugePages_Surp: `vm.nr_hugepages` hugepage .
 `hugepage` `vm.nr_overcommit_hugepages` .
- DirectMap4k: 4k
- DirectMap2M: hgepages (2MB)

- <https://access.redhat.com/solutions/406773>

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