

Server hardware configuration:

Hard Disk:

```
root@LLM:~# df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs            1.6G  1.0M  1.6G   1% /run
/dev/vda1        309G  1.9G  308G   1% /
tmpfs            7.9G   0  7.9G   0% /dev/shm
tmpfs            5.0M   0  5.0M   0% /run/lock
/dev/vda16       881M   61M  758M   8% /boot
/dev/vda15       105M   6.2M   99M   6% /boot/efi
tmpfs            1.6G  12K  1.6G   1% /run/user/0
root@LLM:~#
```

Memory:

```
root@LLM:~# free -h
              total        used        free      shared  buff/cache   available
Mem:          15Gi         469Mi        14Gi         4.0Mi        678Mi        15Gi
Swap:          0B           0B           0B
root@LLM:~#
```

Processor:

```
Architecture:          x86_64
CPU op-mode(s):        32-bit, 64-bit
Address sizes:         40 bits physical, 48 bits virtual
Byte Order:            Little Endian
CPU(s):                4
On-line CPU(s) list:   0-3
Vendor ID:              GenuineIntel
BIOS Vendor ID:        QEMU
Model name:             DO-Premium-Intel
  BIOS Model name:      pc-i440fx-6.1 CPU @ 2.0GHz
  BIOS CPU family:      1
  CPU family:           6
  Model:                85
  Thread(s) per core:   1
  Core(s) per socket:   4
  Socket(s):            1
  Stepping:             7
  BogomIPS:             3990.62
  Flags:                fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx pd
                        peigb rdtscp lm constant_tsc rep_good noopl xtopology cpuid tsc_known_freq pni pclmulqdq vmx ssse3 fma cx16 pcid ss
                        e4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c rdrand hypervisor lahf_lm abm 3dnowprefetch
                        cpuid_fault ssbd ibrs ibpb ibrs_enhanced tpr_shadow flexpriority ept vpid ept_ad fsgsbase bmi1 avx2 smep bmi2 erms
                        invpcid rdseed adx smap clflushopt clwb xsaveopt xsavec xgetbv1 arat vnmi pku ospke arch_capabilities

Virtualization features:
  Virtualization:       VT-x
  Hypervisor vendor:    KVM
  Virtualization type:   full
Caches (sum of all):
  L1d:                  128 KiB (4 instances)
  L1i:                  128 KiB (4 instances)
  L2:                   16 MiB (4 instances)
NUMA:
  NUMA node(s):         1
  NUMA node0 CPU(s):    0-3
Vulnerabilities:
  Gather data sampling:  Unknown: Dependent on hypervisor status
  Itlb multihit:        KVM: Mitigation: VMX disabled
  L1tf:                 Not affected
  Mds:                  Not affected
  Meltdown:             Not affected
  Mmio stale data:      Vulnerable: Clear CPU buffers attempted, no microcode; SMT Host state unknown
  Reg file data sampling: Not affected
  Retbleed:             Mitigation; Enhanced IBRS
  Spec rstack overflow: Not affected
  Spec store bypass:    Mitigation; Speculative Store Bypass disabled via prctl
  Spectre v1:           Mitigation; usercopy/swapgs barriers and __user pointer sanitization
  Spectre v2:           Mitigation; Enhanced / Automatic IBRS; IBPB conditional; RSB filling; PBRSB-eIBRS SW sequence; BHI SW loop, KVM SW
                        loop
  Srbds:                Not affected
  Tsx async abort:      Not affected
```