

# Dedicated resources

- Cluster MEDUSA - Gorgon201: Servidores TYAN

1. Servidores TYAN FT48B8812 em rede Ethernet (1 Gbit/s)
2. 1 servidor, 32 cores, 8 GB de RAM por core (256 GB de RAM por servidor)
3. 1 disco de 280 GB
4. Servidores instalados com Scientific Linux 6, versão x86\_64

```
processor      : 0
vendor_id     : AuthenticAMD
cpu family    : 21
model         : 1
model name    : AMD Opteron(TM) Processor 6220
stepping      : 2
cpu MHz       : 1400.000
cache size    : 2048 KB
physical id   : 0
siblings      : 8
core id       : 0
cpu cores     : 4
apicid        : 32
initial apicid : 0
fpu           : yes
fpu_exception : yes
cpuid level   : 13
wp            : yes
flags         : fpu vme de pse tsc msr pae mce cx8 apic mtrr pge mca cmov pat pse36 clflush mmx
                fxsr sse sse2 ht syscall nx mmxext fxsr_opt pdpe1gb rdtscp lm constant_tsc rep_good nonstop_tsc
extd_apicid
                amd_dcm aperfmperf pni pclmulqdq monitor ssse3 cx16 sse4_1 sse4_2 popcnt aes xsave avx lahf_lm
cmp_legacy
                svm extapic cr8_legacy abm sse4a misalignsse 3dnowprefetch osvw ibs xop skinit wdt lwp fma4
nodeid_msr topoext
                perfctr_core cpb npt lbrv svm_lock nrip_save tsc_scale vmcb_clean flushbyasid decodeassists
pausefilter pfthreshold
bogomips      : 6000.41
TLB size      : 1536 4K pages
```

clflush size : 64  
cache\_alignment : 64  
address sizes : 48 bits physical, 48 bits virtual  
power management: ts ttp tm 100mhzsteps hwpstate [9]

- Cluster Medusa - Servidores GATEWAY

1. Servidores Gateway GR380 F2 em rede Ethernet (1 Gbit/s)
2. 1 servidor, 12 cores, 4 GB de RAM por core (32 GB de RAM por servidor)
3. 1 disco de 500 GB
4. Servidores instalados com Scientific Linux 6, versão x86\_64

```
processor[]: 0
vendor_id[]: GenuineIntel
cpu family[]: 6
model[]: 45
model name[]: Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz
stepping[]: 7
cpu MHz[]: 2001.000
cache size[]: 15360 KB
physical id[]: 0
siblings[]: 12
core id[]: 0
cpu cores[]: 6
apicid[]: 0
initial apicid[]: 0
fpu[]: yes
fpu_exception[]: yes
cpuid level[]: 13
wp[]: yes
flags[]: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse
sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp lm constant_tsc arch_perfmon pebs bts rep_good xtopology
nonstop_tsc aperfmperf pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 cx16 xtpr pdcm pcid dca
sse4_1 sse4_2 x2apic popcnt tsc_deadline_timer xsave avx lahf_lm ida arat epb xsaveopt pln pts dts
tpr_shadow vnmi flexpriority ept vpid
bogomips[]: 4000.18
clflush size[]: 64
cache_alignment[]: 64
address sizes[]: 46 bits physical, 48 bits virtual
power management:
```

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