

Wikiprint Book

Title: HardwareCluster

Subject: TracMeteo - HardwareCluster

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- ncpus: real processors
- np: virtual processors los que están disponibles para ejecutar un job task

Blade

4 nodos AMD

wn037 wn038 wn047 wn048

- Processor: 2 AMD Opteron(TM) Processor 6212 (8 Cores, 8mbCache, 2,6 GHz, 6.4 GT/s FSB)
- Hard Disk: 500GB

```
* Node Features (properties): amd
* Phymem: 32GB
* ncpus = 16
* np=16
```

12 nodos Intel

wn031-wn036, wn041-wn046

- Processor: 2 Intel(R) Xeon(R) E5620 (4 Cores,8 threats, 12M Cache, 2.40 GHz, 5.86 GT/s Intel® QPI)
- Hard Disk: 250GB

```
* Node Features (properties): dinblade
* Phymem: 16GB
* ncpus = 16
* np=16
```

Nodos Twin

wn010-wn025

- Processor: 2 Intel(R) Xeon(R) CPU E5410 (4 Cores, 12M Cache, 2.3 GHz, 1.3 GT/s Intel® QPI)
- Hard Disk: 250GB

9 nodos lustre

Son nodos en los que se encuentra implementado el almacenamiento distribuido de 15Tb /lustre, los diferenciamos del resto de Twin porque estan limitados para el calculo.

Impares: wn011, wn013, wn015,wn017,wn019,wn021,wn023,wn025 y wn024

```
* Node Features (properties): osdlustre y mdslustre (solo wn024 con 24GB)
* Phymem: 8GB
* ncpus = 8
* np=4
```

7 nodos nolustre

Pares: wn010,wn012,wn014,wn016,wn018,wn020,wn022

```
* Node Features (properties): twinib
* Phymem: 8GB
* ncpus = 8
* np=8
```

8 nodos dell

wn002-wn009

- Processor: 2 Intel(R) Pentium(R) D CPU 3.00GHz
- Hard Disk: 300GB

```
* Node Features (properties): dell
* Phymem: 2G
* ncpus = 2
* np=2
```