

Stato del cluster di Padova

Disk server

lxcmsedge01: 2.6.9-42.0.3.ELsmp (SL release 4.4 (Beryllium)) 64 (Disk Server)

RAM: 4Gb

CPU: 4X Intel(R) Xeon(R) CPU 5130 @ 2.00GHz **CMSSW /home /raid3 /raid5**
2 X raid 5 da 898.3 Gb

lxcmsedge02: 2.6.9-42.0.3.ELsmp (SL release 4.4 (Beryllium)) 64 (Disk Server)

RAM: 4 Gb

CPU: 4X Intel(R) Xeon(R) CPU 5130 @ 2.00GHz
2X raid 5 da 898.3 Gb

/raid4 /raid6

Macchine vecchie

lxcdesrv: 2.4.20-8smp (Red Hat Linux release 9 (Shrike))

RAM 1Gb

CPU:2X Intel(R) Pentium(R) III CPU family 1400MHz
2X Raid 560 Gb

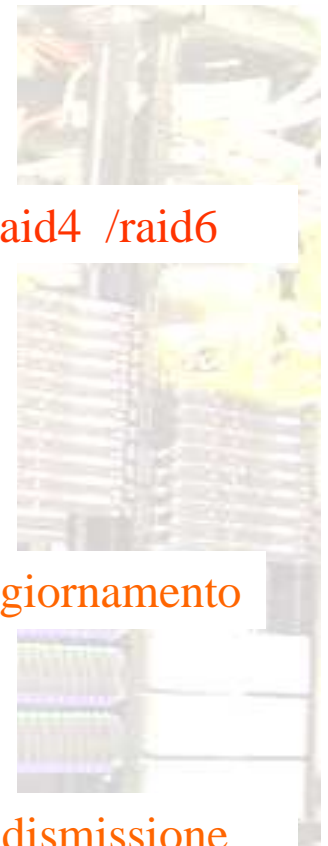
In aggiornamento

lxcmsrv: 2.4.20-28.7 (Red Hat Linux release 7.3 (Valhalla))

RAM 1Gb

CPU:Pentium III (Coppermine)
1 180Gb SCSI HD

In dismissione



Macchine in servizio (software CMS e User Interface)

lxcmsrv1: 2.6.9-67.0.7.EL.cernsmp (CERN SLC release 4.6 (Beryllium)) 32 bit
RAM 2Gb
CPU: **2X** Intel(R) Xeon(TM) CPU 2.80GHz
2X 80Gb IDE HD

lxcmsrv2: 2.6.9-67.0.7.EL.cernsmp (CERN SLC release 4.6 (Beryllium)) 32 bit
RAM 2Gb
CPU: **2X** Intel(R) Xeon(TM) CPU 2.80GHz
2X 80Gb IDE HD

lxcmsrv3: 2.6.9-67.0.7.EL.cernsmp (CERN SLC release 4.6 (Beryllium)) 32 bit
RAM 2Gb
CPU: **2X** Intel(R) Xeon(TM) CPU 2.80GHz
1X 80Gb IDE HD

lxcmsrv4: 2.6.9-67.0.1.EL.cernsmp (CERN SLC release 4.6 (Beryllium)) 32 bit
RAM 4Gb
CPU: **4X** Intel(R) Xeon(R) CPU 5160 @ 3.00GHz
2X 250Gb PATA HD

Macchine in servizio (solo software CMS)

ixcmssrv7: 2.6.9-67.0.4.ELsmp (SL release 4.5 (Beryllium)) 64 bit
RAM 16Gb
CPU: **8X** Intel(R) Xeon(R) CPU E5410 @ 2.33GHz
2X 160Gb SATA HD

ixcmssrv8: 2.6.9-67.0.20.ELsmp (SL release 4.5 (Beryllium)) 64 bit
RAM 16Gb
CPU: **8X** Quad-Core AMD Opteron(tm) Processor 2360 SE
2X 160Gb SATA HD

Macchine temporaneamente fuori servizio

ixcmssrv6: 2.6.9-55.0.2.EL.cernsmp (CERN SLC release 4.5 (Beryllium)) 32
RAM 4Gb
CPU: **4X** Intel(R) Xeon(R) CPU 5160 @ 3.00GHz
2X 250Gb PATA HD

Macchine per costituzione Tier2 Padova-Legnaro

4 Blade Dell (in grid con priorità CMS)

Stato e programmi del Tier-2 di Legnaro

CMS

Spazio disco totale

Spazio disco usato

Associazioni:

EWK - DPG/POG muoni - Higgs (temp.)

186.8 TB

55.1 TB (06 Ottobre)

176.5 TB

142.4 TB (09 Febbraio)

30 TB RECO data hosting
 30 TB per ogni POG+DPG o PAG associato
 20 TB per produzione MC e spazio utenti

Spazio necessario per supportare le associazioni
 $30 \text{ TB} + 3 \times 30 \text{ TB} + 20 \text{ TB} = 140 \text{ TB}$

Dismessi: 3 vecchi server: -10 TB

1 Blade center 28 core: - 30 Job slot

	Spazio disco (netto)	Job slots	kSI2k	
Ottobre 2008	~190 TB	450 slot	800	+ 50 K€
Febbraio 2009	~180 TB 33 TB acquistati da installare	480 slot 60 acquistati, 30 dismessi	900	0 K€

Spazio occupato: 51.1 TB (6 Ottobre) **142.4 TB** (9 Febbraio)

Dataset trasferiti con PhEDEx (DBS Prod_global)	Output jobs su SE
39.5 TB	15.6 TB (6 Ottobre)
102.0 TB	40.4 TB (9 Febbraio)

Dataset Phedex cancellati

- ~~Dati CSA07 produzione ufficiale CMS~~ ~~10.9 TB~~
Skim Higgs->WW , Skim zuppe Z->mumu , Skim zuppe W->munu **Eccetto:**
9 combinazioni: (Chowder , Stew , Gumbo) (Startup, 10pb⁻¹, 100pb⁻¹) **Electron Chowder**
- ~~Dati CSA07 dataset e prod. PAG EWK (1_6_7)~~ ~~2.3 TB~~
Segnale W->munu
- ~~Dati CSA07 dataset e prod. PAG Higgs (1_6_7)~~ ~~0.6 TB~~ **Eccetto:**
Segnale Higgs->WW **H165**
- Dati Summer08 PAG EWK (2_1_8) **9.9 TB**
Zee, Wev, Zμμ, Wμν ecc..
- ~~CRUZET 3~~ ~~7.8 TB~~
- Dati CSA08 **6.6 TB**
- Vari **1.4 TB**

**Su 39.5 TB
cancellati 21.8 TB**

Utilizzo attuale dello spazio disco in Phedex

- **Muon** (CRAFT, Y1S, CRUZET4) **54.0 TB**
/Cosmics/Commissioning08_CRAFT_ALL_V4_ReReco-v1/RECO 51.5 TB
- **DataOps** (Summer08 PAT tuple, CosmicMC) **25.0 TB**
/Wmunu/Summer08_IDEAL_V9_PAT_v1/USER
/Exotica_ZPrimeSSMee_M750/Summer08_IDEAL_V9_PAT_v1/USER
- **EWK** (Summer08, Summer08_redigi, CSA08) **20.8 TB**
/Wmunu/Summer08_IDEAL_V11_redigi_v1/GEN-SIM-RECO
/InclusivePPmuX/Summer08_IDEAL_V11_redigi_v1/GEN-SIM-RECO
- **Higgs** (Summer08 + alcuni CSA07) **2.1 TB**
/H160_WW_2I/Summer08_IDEAL_V9_v2/GEN-SIM-RECO
/H165_WW_2I/CMSSW_1_6_7-CSA07-1194126460/RECO
- **FacOps** (Facilities Operation) **0.014 TB**

Totale 102 TB