

ALICE report

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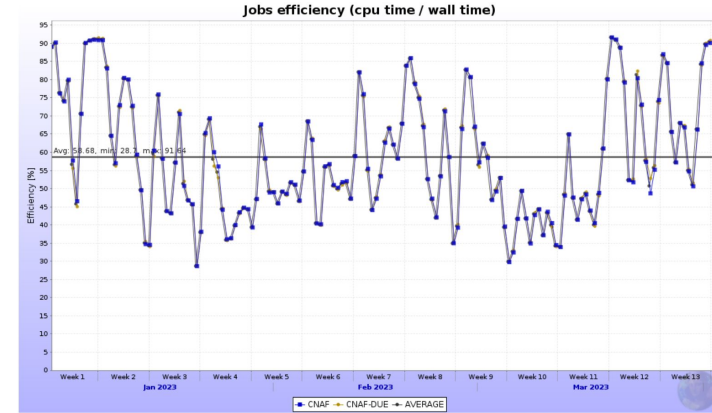
Calcolo

IT-INFN-CNAF

Wallclock Work in HEPSPROC06 Days

Search:

Wallclock Work in HEPSPROC06 Days	Jan 2023	Feb 2023	Mar 2023	Total
Total ALICE	2,649,530	2,474,166	2,970,015	8,093,711
Total TOTAL	2,649,530	2,474,166	2,970,015	8,093,711
MoU pledge*	2,778,840	2,509,920	2,778,840	8,067,600



In produzione su code multi-cores(8)

- Job agent 8 cores che gestiscono task da 1,2,4,8 cores (più task in un singolo job)
- Diverse configurazioni permesse
 - Single core (Run 2 jobs)
 - 2 cores → analisi Run 3
 - 8 cores → simulazione/ricostruzione Run 3 (analisi Run 3)

Efficienza → 58% (attività di analisi intensa in vista delle conferenze, Hard Probes)
Attività di ricostruzione negli ultimi mesi solo al Tier-0

Disco+Tape

Disk Space - TBytes

Search:

Disk Space - TBytes	Jan 2023	Feb 2023	Mar 2023	Total	% MoU
ALICE allocated	9,970	9,970	9,760	29,700	
ALICE used	6,810	7,750	7,802	22,362	
Total allocated	9,970	9,970	9,760	29,700	100%
Total used	6,810	7,750	7,802	22,362	75%
installed capacity	0	0	0	0	
MoU pledge	9,900	9,900	9,900	29,700	

Tape Space - TBytes

Search:

Tape Space - TBytes	Jan 2023	Feb 2023	Mar 2023	Total	% MoU
ALICE	11,395	11,395	11,395	34,186	
Total	11,395	11,395	11,395	34,186	60%
installed capacity	0	0	0	0	
MoU pledge	18,900	18,900	18,900	56,700	

Storage

Osserviamo (problema noto)
alcune instabilità sui server
CEPH (mounting del filesystem)

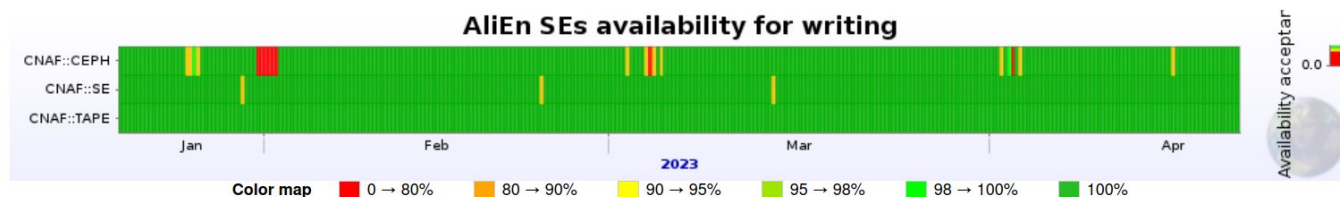
Problemi ipv6 risolti

Disk storage elements

CNAF		AliEn SE		Catalogue statistics					Storage-provided information					Functional tests				Last day add tests			
SE Name	AliEn name	Tier	Size	Used	Free	Usage	No. of files	Type	Size	Used	Free	Usage	Version	EOS Version	add	get	rm	3rd	Last OK add	Successful	Failed
1. CNAF - CEPH	ALICE::CNAF::CEPH	1	1.361 PB	504.4 TB	889 TB	36.2%	2,828,257	FILE	2.309 PB	516.1 TB	1.805 PB	21.83%	Xrootd v4.8.4					21.04.2023 09:31	24	0	
2. CNAF - SE	ALICE::CNAF::SE	1	6.799 PB	6.07 PB	746.5 TB	89.28%	114,950,354	FILE	6.799 PB	6.06 PB	757 TB	89.13%	Xrootd v4.8.4					21.04.2023 03:47	24	0	
Total			8.16 PB	6.563 PB	1.597 PB		117,778,611		9.108 PB	6.564 PB	2.545 PB										

Custodial storage elements

CNAF		AliEn SE		Catalogue statistics					Storage-provided information					Functional tests				Last day add tests		Dem	
SE Name	AliEn name	Tier	Size	Used	Free	Usage	No. of files	Type	Size	Used	Free	Usage	Version	EOS Version	add	get	rm	3rd	Last OK add	Successful	Failed
1. CNAF - TAPE	ALICE::CNAF::TAPE	1	1.283 PB	10.36 PB	0	807.2%	6,682,819	FILE	521.6 TB	439.4 TB	82.23 TB	84.24%	Xrootd v4.8.4					21.04.2023 09:36	24	0	
Total			1.283 PB	10.36 PB	0		6,682,819		521.6 TB	439.4 TB	82.23 TB				1	1	1	1			



Abbiamo iniziato la
ri-configurazione di
xrootd (v5) sulla parte
T0D1 (iniziamo da
CEPH)

AOB

A Novembre scade il mio mandato come responsabile nazionale del calcolo.
Abbiamo iniziato la procedura per l'elezione del nuovo responsabile per prevedere anche un periodo di sovrapposizione.