

Belle II @ Napoli + Cosenza

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INFN-Napoli

1th Meeting dei siti italiani di Belle II

28/12/2020

Sito di Napoli

CPU

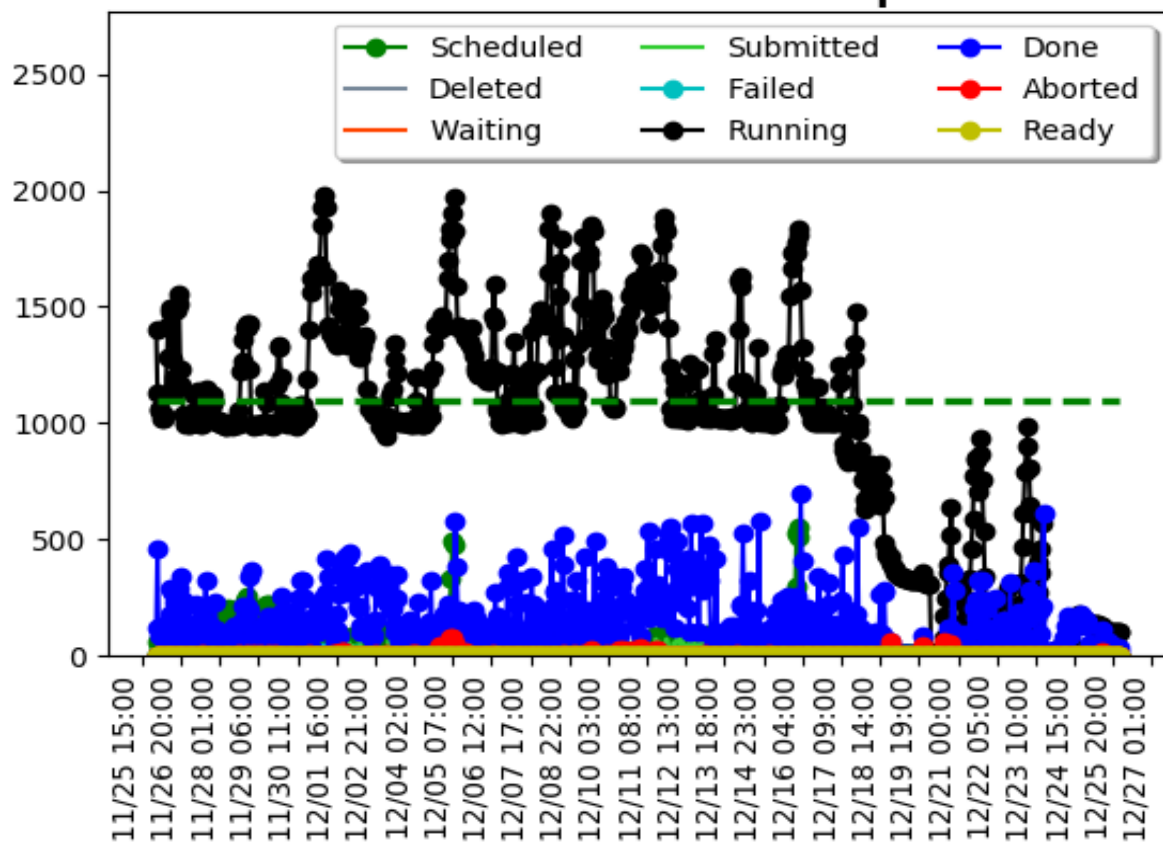
- FARM INFN- Risorse Pledge 12kHS96, 1100 cores, frontend CREAM
- FARM RECAS – UNINA 12kHS06, 15000 cores, frontend CREAM
- 20GB disk ad 3 GB RAM per core
- Sistema Operativo SL6

Storage

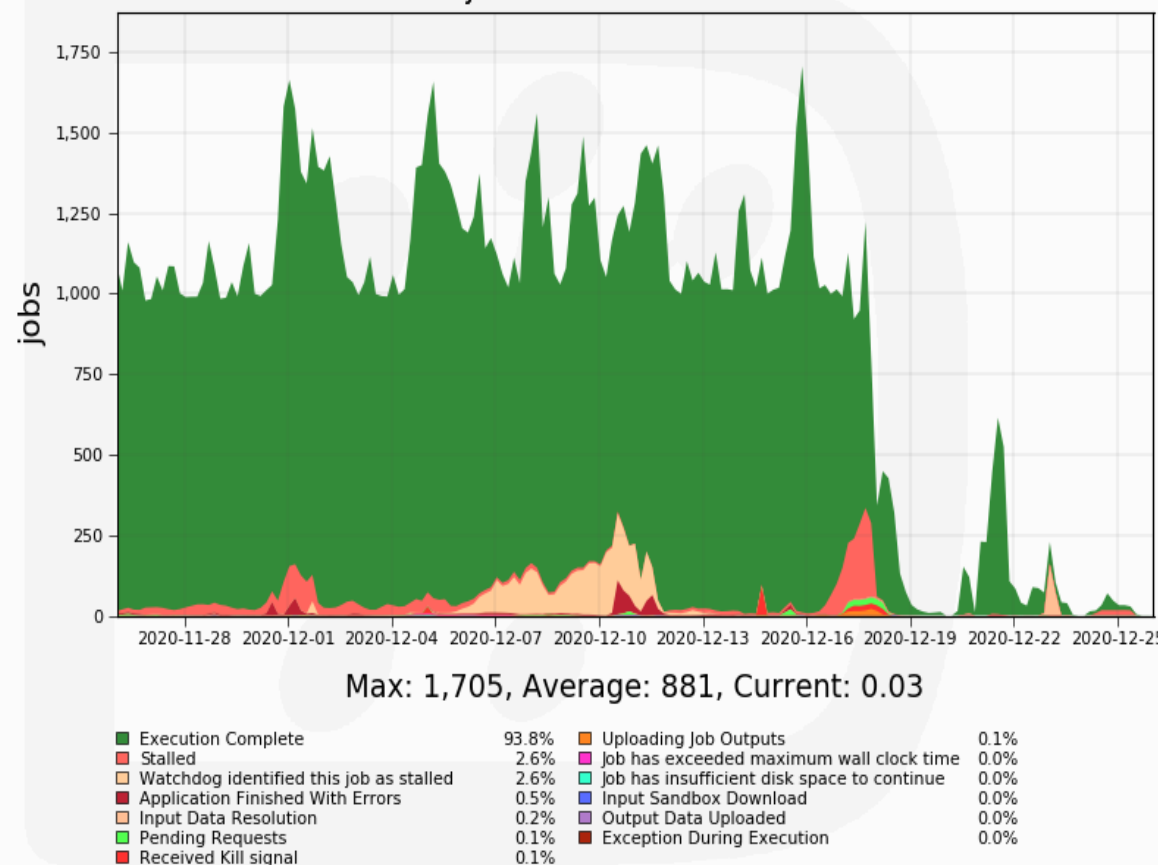
390TB Spazio disco frontend DPM SRM-less
JSON/WLCG per l'accouting

Pilot and Jobs

PilotTrend:LCG.Napoli.it



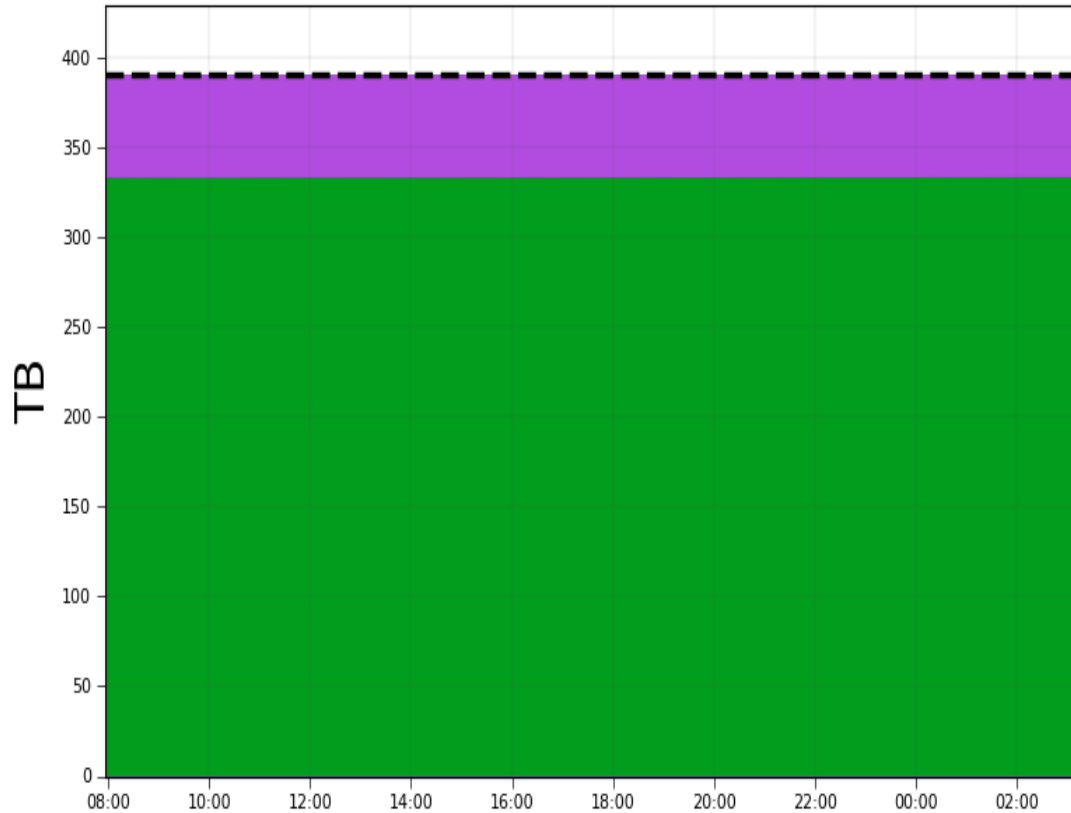
LCG.Napoli.it
30 Days from 2020-11-26 to 2020-12-26



Storage

Napoli-TMP-SE

(19 Hours from 2020-12-27 07:55 to 2020-12-28 03:05 UTC)

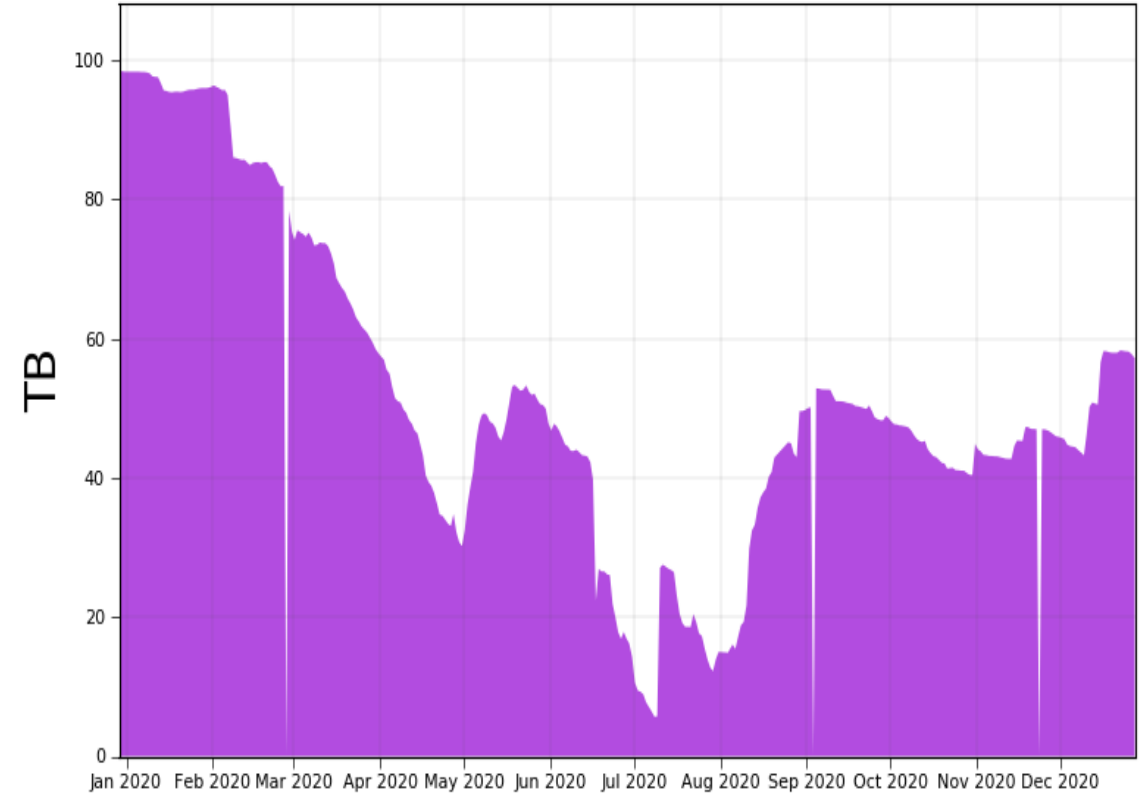


Max: 390, Min: 390, Average: 390, Current: 390

Free 14.6% Used 85.4%

Napoli-TMP-SE

(52 Weeks from Week 52 of 2019 to Week 52 of 2020)



Max: 98.5, Average: 51.7, Current: 57.2

Free 100.0%

MIGRAZIONI

- CREAM -> HTCondorCE + Condor oppure HTCondorCE + altro scheduler.
- Attività partirà a gennaio
- Contestualmente verrà fatto l'upgrade a CentOS7

Sito di COSENZA

CPU

- FARM RECAS – 1kHS06 pledged - 100 cores
- Frontend CREAM

Migrazione prevista per l'anno prossimo

Napoli altre attività

Il sito ospita i seguenti servizi globali:

- `dirac01.na.infn.it` – Server DIRAC parte dell'infrastruttura distribuita
- <https://dynafed-prod01.na.infn.it/myfed> - servizio di federazione dinamica via protocollo HTTP/Webdav
- `recas-vcycle01.na.infn.it` – server VCYCLE di frontend per risorse cloud.
- In testing l'intergrazione della PaaS di INFN-CLOUD con VCYCLE.

Dynafed Server for Belle II



#	STORGE NAME	HOSTNAME	TYPE
1	DESY-DE	dcache-belle-webdav.desy.de	DCACHE
2	GRIDKA-SE	f01-075-140-e.gridka.de	DCACHE
3	NTU-SE	bgrid3.phys.ntu.edu.tw	DCACHE
4	SIGNET-SE	dcache.ijs.si	DCACHE
5	UVic-SE	charon01.westgrid.ca	DCACHE
6	BNL-SE	dcblldoor01.sdcc.bnl.gov	DCACHE
7	Adelaide-SE	coepp-dpm-01.ersa.edu.au	DPM
8	CESNET-SE	dpm1.egee.cesnet.cz	DPM
9	CYFRONNET-SE	dpm.cyf-kr.edu.pl	DPM
10	Frascati-SE	atlasse.Inf.infn.it	DPM
11	HEPHY-SE	hephyse.oeaw.ac.at	DPM
12	Melbourne-SE	b2se.mel.coepp.org.au	DPM
13	Napoli-SE	belle-dpm-01.na.infn.it	DPM
14	ULAKBIM-SE	torik1.ulakbim.gov.tr	DPM
15	IPHC-SE	sbgse1.in2p3.fr	DPM
16	CNAF-SE	ds-202-11-01.cr.cnaf.infn.it	STORM
17	ROMA3-SE	storm-01.roma3.infn.it	STORM
18	KEK-SE	Kek-se03.cc.kek.jp	STORM

Testing Dynafed server in Napoli since Feb 2016

We installed the new version of Dynafed on CENTOS-7

<https://dynafed-prod01.na.infn.it/myfed>

18 Storages

Proxy generated by a robot certificate

Version on SL7 Still available

<https://dynafed-belle.na.infn.it/myfed/>

IBISCO PROJECT

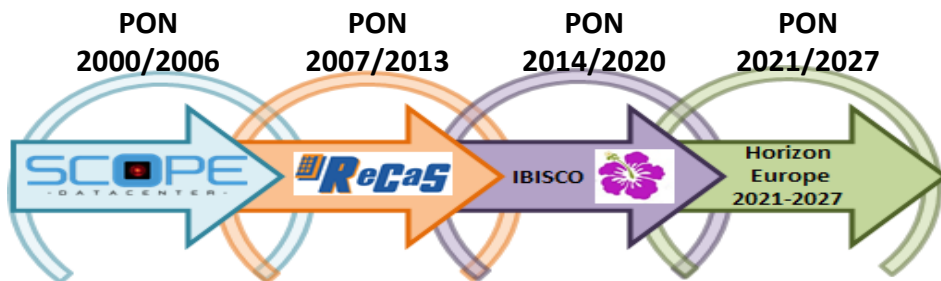


I.Bi.S.Co. (Infrastructure for Big Data and Scientific Computing)

National CALL for datacenter extension.

The goal of the project is the creation of a large southern Italy distributed infrastructure composed by several sites connected at high speed up to 100Gbps:

- Belle II sites involved are ReCaS-Napoli and INFN Frascati.
- ReCaS-Napoli: Resources quota available for Belle II
- INFN-Frascati: Network Upgrade
- Time scale Project 2019-2021



IBISCO PROJECT



Risorse per l'anno prossimo

Rimpiazzi del pledge attuale su fondi IBISCO.

Attualmente la maggior parte dell'HW è fuori garanzia.

Le gare principali delle attrezzature IBISCO per Napoli sono concluse.

Resta la gara Rete in partenza.