

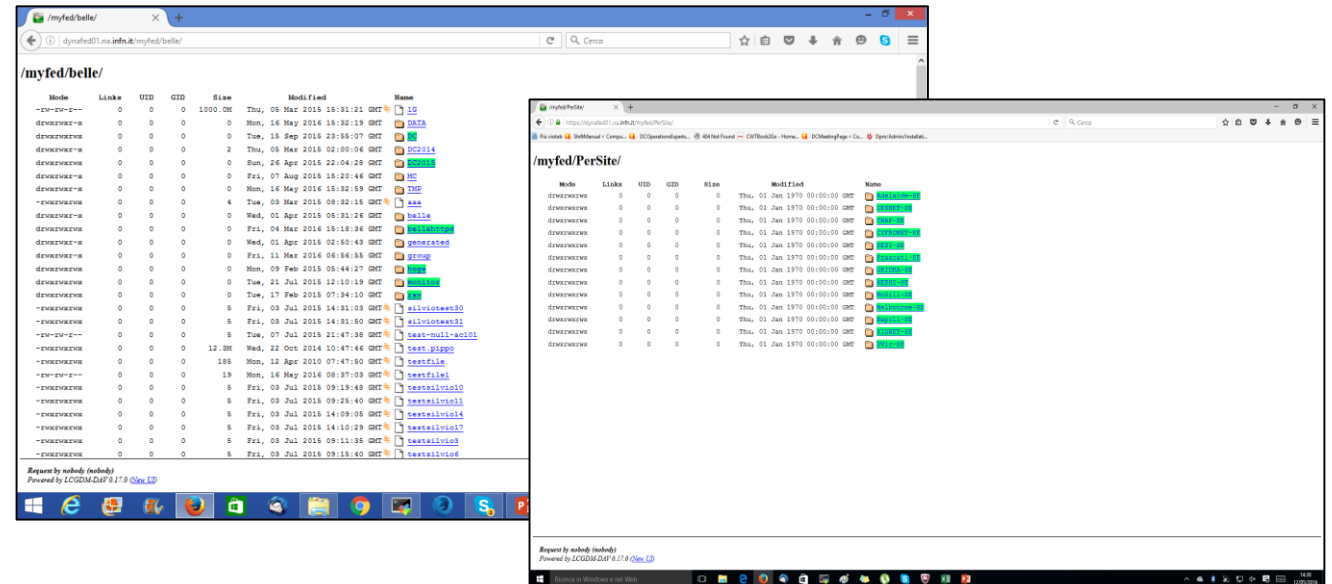


A lightweight federation of the Belle II storages through Dynafed

STORGE NAME	HOSTNAME	TYPE
DESY-DE	dcache-belle-webdav.desy.de	DCACHE
GRIDKA-SE	f01-075-140-e.gridka.de	DCACHE
NTU-SE	bgrid3.phys.ntu.edu.tw	DCACHE
SIGNET-SE	dcache.ijs.si	DCACHE
UVic-SE	charon01.westgrid.ca	DCACHE
Adelaide-SE	coepp-dpm-01.ersa.edu.au	DPM
CESNET-SE	dpm1.egee.cesnet.cz	DPM
CYFRONNET-SE	dpm.cyf-kr.edu.pl	DPM
Frascati-SE	atlase.lnf.infn.it	DPM
HEPHY-SE	hephyse.oeaw.ac.at	DPM
Melbourne-SE	b2se.mel.coepp.org.au	DPM
Napoli-SE	belle-dpm-01.na.infn.it	DPM
CNAF-SE	ds-202-11-01.cr.cnaf.infn.it	STORM
McGill-SE	gridftp02.clumeq.mcgill.ca	STORM

THE DYNAFED TESTBED

We created a first dynafed server, hosted in the datacentre in Napoli, and connected with about the 50% of the production storages of Belle II. Then we aggregated all the file systems under a unique http path. We implemented as well an additional view, in order to browse the single storage file system.





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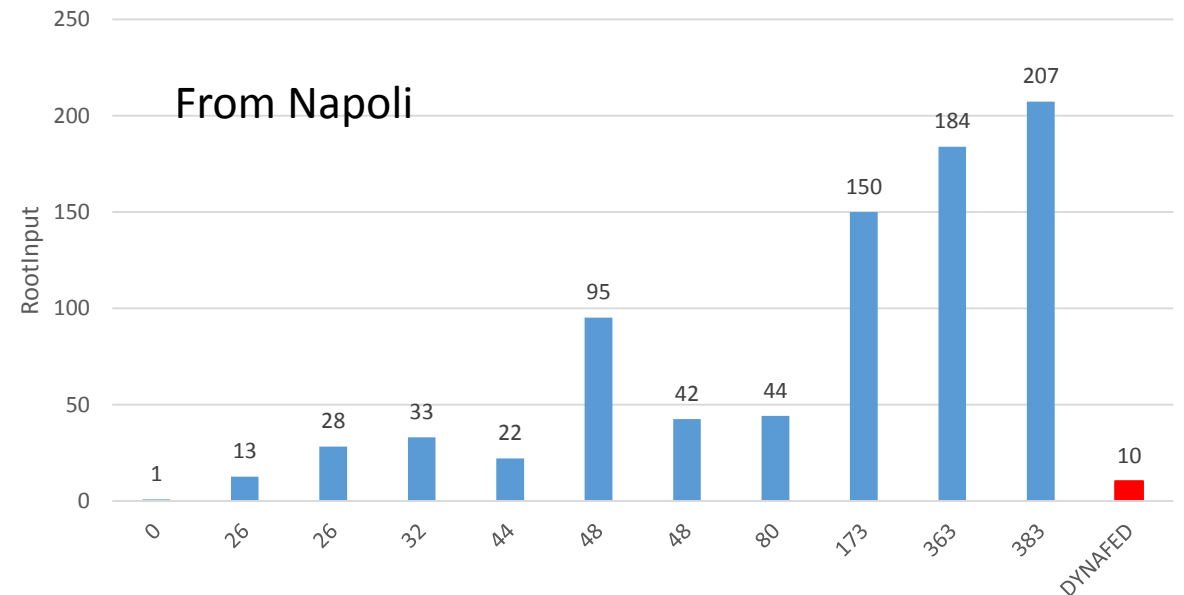
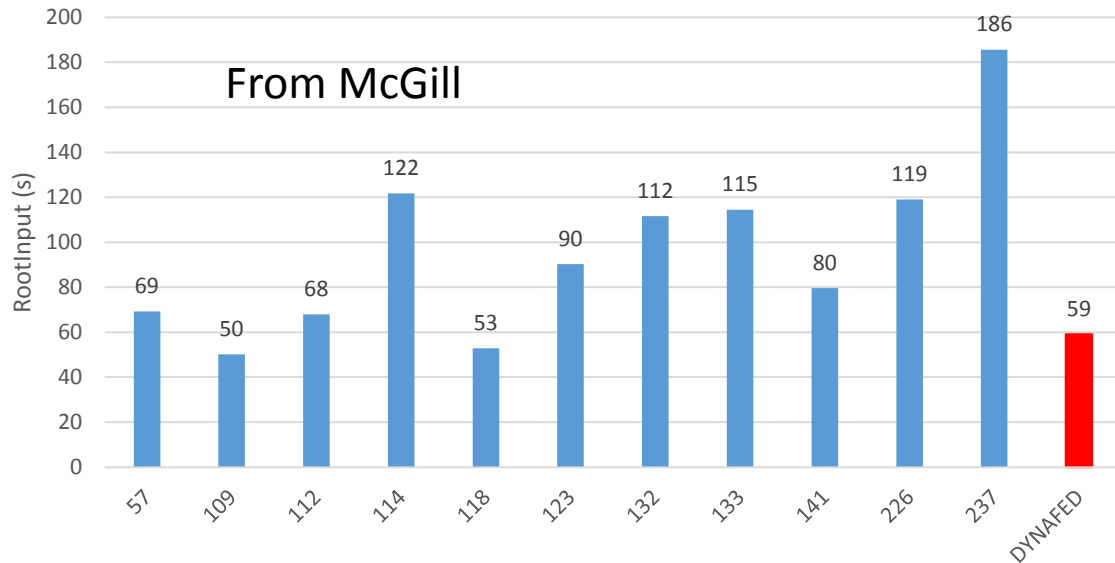
Thanks to the aggregation feature provides by Dynafed, we can address a specific file and his replicas with a single url:

http://dynafed01.na.infn.it/myfed/belle/TMP/belle/user/spardi/testhttp/mixed_e0001r0009_s00_BGx1.mdst.root

For the testbed 50 files has been copied in the 14 storages part of Dynafed. It can be used also for future tests.

Comments

Dynafed thanks to the geoip-plugin is able to chose a convenient replica for the client.



Latency

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