

Federated storage test progress on 04.15

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News

- 1) twiki
- 2) short March technical meeting
- 3) 2nd EOS structure (KI)
- 4) Tests 2nd structure
- 5) Geotags tests on 1st structure
- 6) Perfsonar table
- 7) Plan of report on ALICE T1/T2-Workshop
- 8) Conferences and papers
- 9) Problems and plans

Twiki

<https://twiki.cern.ch/twiki/bin/view/Sandbox/PrototypeofrussianFederatedStorage>

(thanks to Artem, Eugeny and all)

1) Technical documentation

- a) <https://twiki.cern.ch/twiki/bin/view/Sandbox/EosInstallationCommonItems>
- b) <https://twiki.cern.ch/twiki/bin/view/Sandbox/UISetting>
- c) <https://twiki.cern.ch/twiki/bin/view/Sandbox/EosMgmInstallation>
- d) <https://twiki.cern.ch/twiki/bin/view/Sandbox/EosFstInstallation>
- e) <https://twiki.cern.ch/twiki/bin/view/Sandbox/PerfsonarSettingDetails>

2) Structure of sites.

- a) <https://twiki.cern.ch/twiki/bin/view/Sandbox/TableOfReadiness>

3) links to tests

March technical meeting

<https://twiki.cern.ch/twiki/bin/view/Sandbox/FedcloudWorkItems>

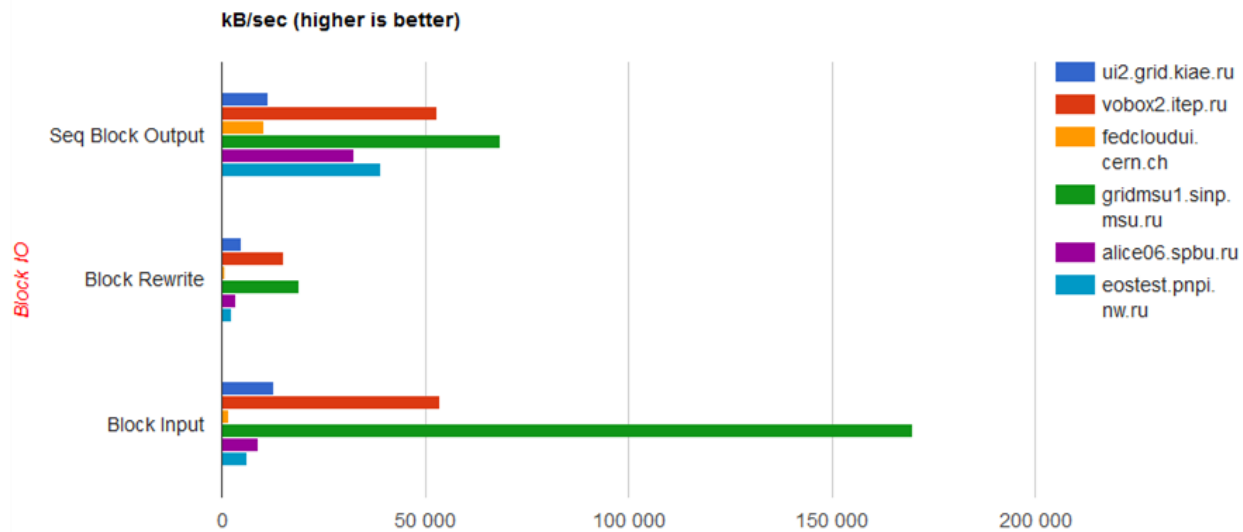
Main:

- 1) Tasks for Artem and Eygene.
- 2) Work structure

2-d EOS structure (KI)

	UI	FST,MGM
KI	+	+
JINR	-	
PNPI	+	
SPBSU	+	
SINP MSU	+	
ITEP	+	
MEPHI	-	

Tests 2-d structure



Geotags tests on 1-st structure

Tests plan:

- 1) Write test: write N files, check by fileinfo
- 2) Read test: create folder with replica, write N files, read N files , check by logs.
- 3) Start bonnie tests without replicas
- 4) Start bonnie tests with replicas
- 5) Experiment test (with and without replicas)

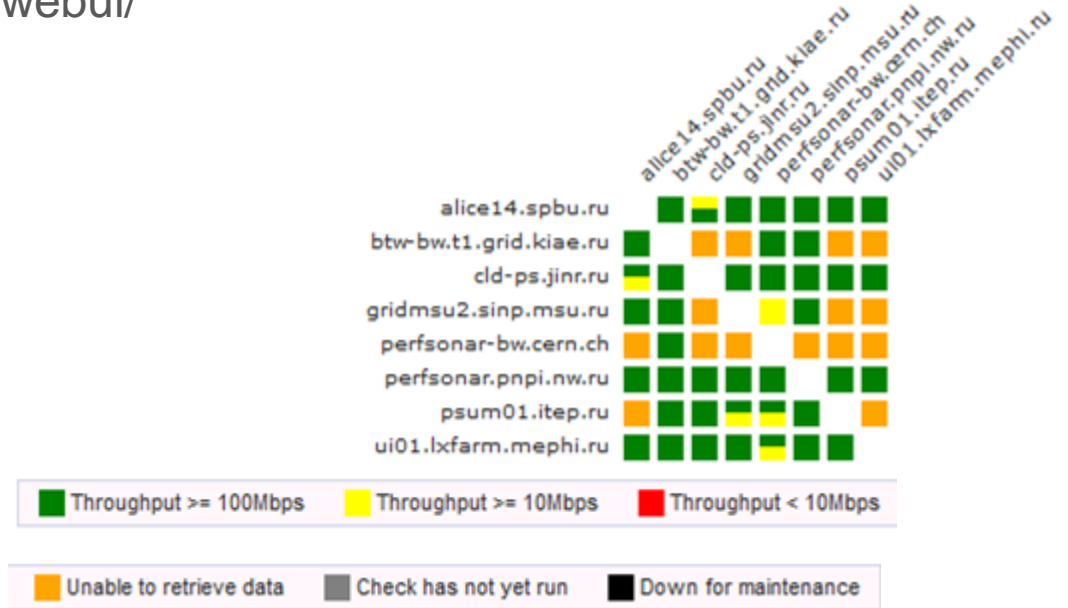
Realisation:

- 1) Not works
- 2) - OK.

Perfsonar table

<http://alice22.spbu.ru/maddash-webui/>

	ready
KI	3/7
JINR	7/7
PNPI	7/7
SPBSU	7/7
SINP MSU	4/7
ITEP	5/7
MEPHI	7/7



Plan of report on ALICE T1/T2-Workshop

- 1) Project Description (from report on alice offline week)
- 2) Structure (maps an list of participants)
- 3) Tests plans (Bonnie, experiments tests + geotag tests + mgm migration tests)
- 4) Tests results (all tests from 1st structure , bonnie tests from 2nd structure, geotag tests, some words about mgm migration)
- 5) Plans - dCache ? , new hardware? , end of tests...

Conferences and papers

1) ACAT 2016 – proceeding

2) CHEP 2015 – abstract

Problems

- 1) Tests optimization
- 2) JINR UI
- 3) Start tests from SC and from cloud
- 4) MGM migration
- 5) Geotag for write without replicas

Thanks!!