



TC Status and Plans

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Plan

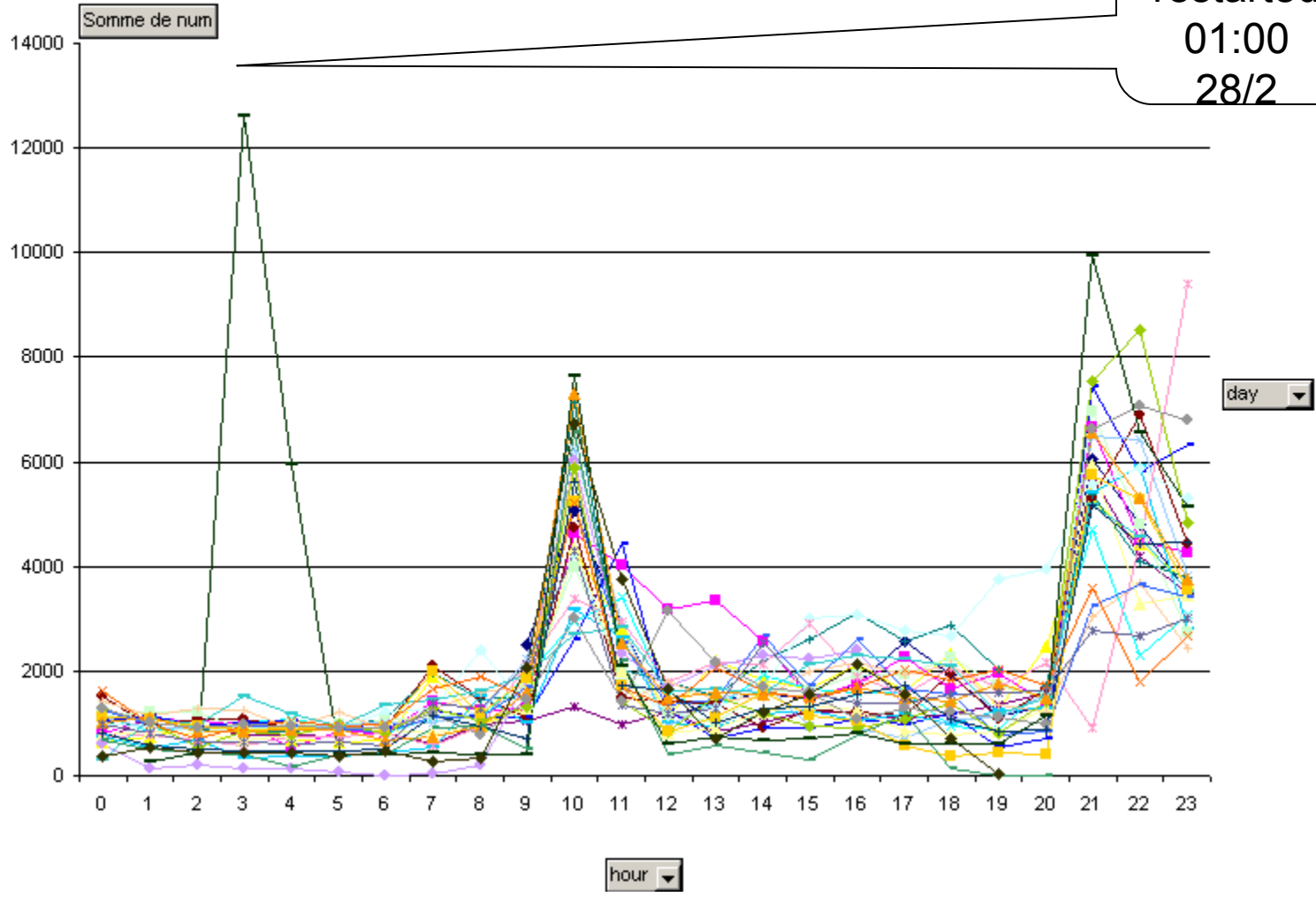
- ⊕ Performances and stability
- ⊕ Production instance migration
- ⊕ Security
- ⊕ Usage of AMI/TC
- ⊕ Software Quality interface

Performances and stability

- Recent problems with apache/tomcat nodes difficult to trace...
 - watchdog for tomcat nodes
 - log system in order to track system load
 - filter for google bots that open many sessions on web server
 - optimization of tomcat connectors configuration
 - since this, no more problems...
- Stress tests
 - natural stress tests : the nighlies
 - pyAMI stress tests ready
 - Tests will be done on development server soon.
 - Need a maintenance period for testing over production cluster.

Number of commands per hour CCAMI01 16th Feb -> 15th March

Nightlies
restarted
01:00
28/2



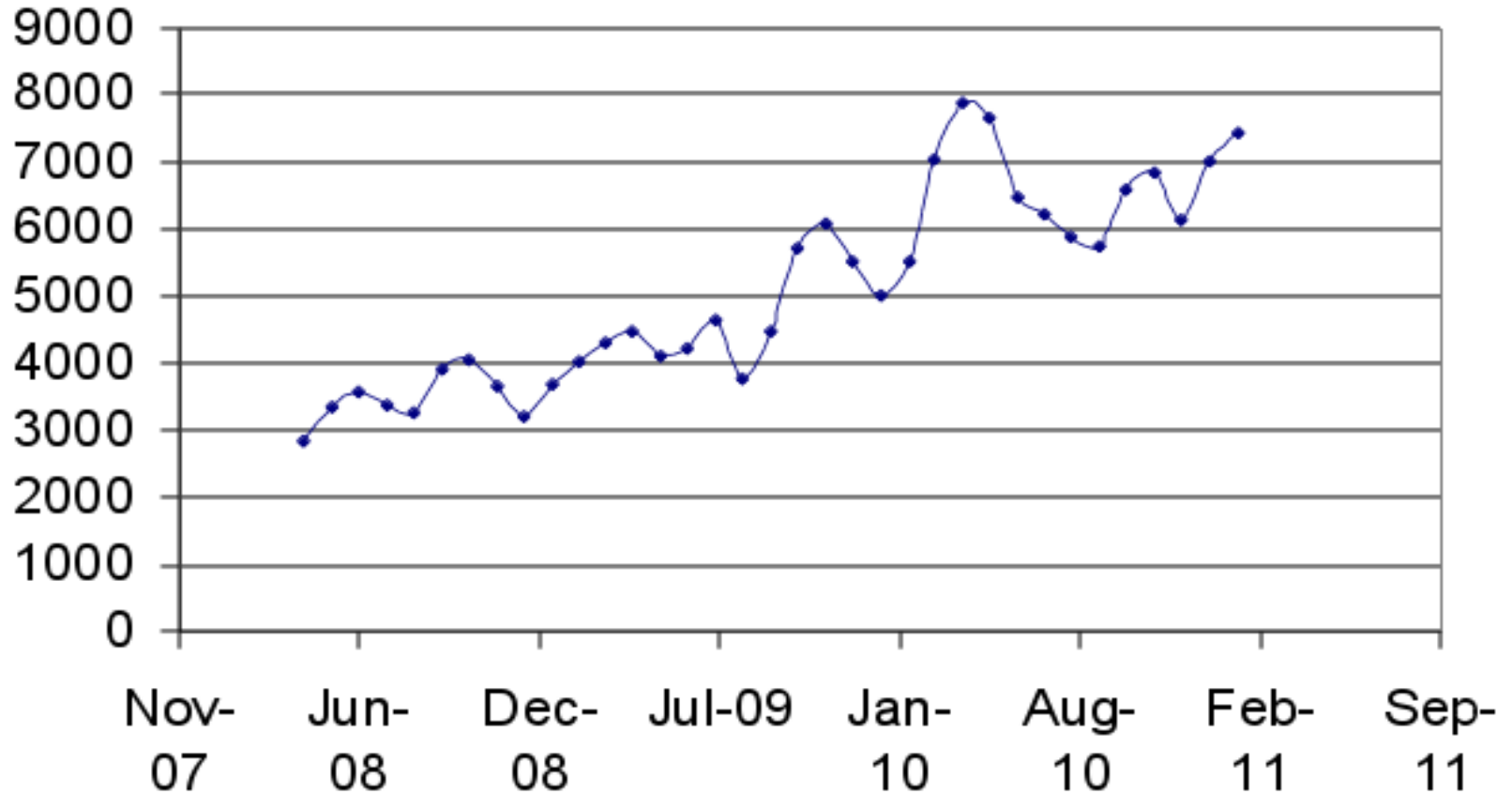
Production instance migration

- AMI RPM for SL5/Tomcat 6 ready (tested on dev servers)
- Still waiting for new machines from ATLAS collaboration
 - install new nodes SLC5/Tomcat6/Java1.6
 - upgrade old nodes from SLC4/Tomcat5/Java1.5
 - goal: 4 production nodes in the tomcat cluster with load-balancing
- TC database migration on Lyon mySQL5 cluster
 - Waiting for some VM to test the migration
 - if performance tests are good -> migration asap

Security

- SSO users / TC users mapping
 - We had to disable ssh connection test for afs user mapping
 - No automatic way to do it
 - Problem if we want to produce SVN authorizations from TC
- We tested SSO with CERN IT for AMI replica at CERN
 - Not really a success
 - No web service support with SSO redirection
 - Cannot transfer certificate credentials via SSO to tomcat nodes
- VOMS seems to be the best solution for authentication
 - What we plan to do is to restrict world readable rights to the top page, and to permit only members of ATLAS VOMS to read AMI/TC.
 - Everything is in place on the server side, some clients will need to adapt

Number of Unique Visitors to AMI/TC



Software Quality interface

- Tool to report software releases quality
- Flags based approach

add tag	add release				
<input type="text"/>	<input type="text"/>				
add flag		AtlasProduction_15.4.0 *	AtlasProduction_15.5.0 *	AtlasTier0_15.5.4.14 *	AtlasTier0_15.5.4.90 *
<input type="text"/>					
*Reco/BTag	View Bugs Subscribe	View Bugs Comment Unsubscribe	View Bugs Comment Unsubscribe	View Bugs Comment Unsubscribe	View Bugs Comment Unsubscribe
*Reco/Muon/Muid	View Bugs Subscribe	View Bugs Comment Subscribe	View Bugs Unsubscribe	View Bugs Comment Subscribe	View Bugs Comment Subscribe
*Reco/Muon/STACO	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe
*Test/test1	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe
*Test/test2	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe
*Test/test3	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe
*Test/test4	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe	View Bugs Subscribe

Flag Status 1 2 3 6

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Digi/ 0 1 5 6

[default]

yellow

Set	Flag
<input type="radio"/>	green
<input type="radio"/>	yellow
<input checked="" type="radio"/>	red
<input type="radio"/>	not_yet_decided
<input type="radio"/>	out_of_date
<input type="radio"/>	cancel

Hide Bugs

#79821 (Fixed/Open) new ATRndmGenSvc change seeding of LARCellEmMisCalib *

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Digi/Calo +

- Soon used by shifters
 - Bugs correction
 - New features implementation (requirements from D. Rousseau)
 - More granularity in roles implementation ?