

Latest Stuff

Date	Service	Summary	
21/02/2012	AI	Attended AI Meeting	
21/02/2012	ITTF	Prepring VoIP session 30 March	Discussed with Rodrigo Sierra Title may have to be changed
20/02/2012		Schedule MAPS	Agreed with Massimo and M
20/02/2012	CPCD	Proposed to the list of presidents of the CPCD (Commission paritaire consultative de Discipline).	Discussed with Manuel. Would like to discuss with H
20/02/2012	LFC	bdii of prod-lfc-shared-central down	looked with Manuel and Ulrich Trick described in https://svn
20/02/2012	LCG	Attended LCG Ops meeting.	Replacing Alex, replacing Ph
20/02/2012	CASTOR	Looked into permissions for DB access.	Requested by Xavier on the f CASTOR 2.1.12
20/02/2012		Back from holiday last week.	Processing mail backlog.
21/02/2012	AI	Attended AI Meeting	
21/02/2012	ITTF	Announcement of ITTF 24 Feb Agile Infrastructure: Monitoring	Verified that IT Auditorium a Mail to it-dep
21/02/2012	batch	Updated https://twiki.cern.ch/twiki/bin/view/Batch/QueuePlanning	to include the things done for resource rationalisation as rec
21/02/2012		Access Request renewal for the 513 computer room	https://edh.cern.ch/Document
21/02/2012	batch	Answered INC106437	problem running OpenFOAM
21/02/2012		Started preparing my MARS	
22/02/2012	batch	Discussed with Ulrich cleanup of processes and/or possible campaign of node draining + restart	
22/02/2012		Working on my MARS	To happen Fri afternoon 14:30 with Manuel around 17:00 (after Arne) wit
23/02/2012		Attended IT-PES-PS section meeting	
23/02/2012		Still worked on my MARS text.	
23/02/2012	batch	Request from sysadmins for the retirement of the machines which are in encra6501 enclosure (rack 65)	Followed up with Ulrich and
23/02/2012	AI	Attended AI Sprint Meeting	Node importance, service crit
24/02/2012	ITTF	ITTF session on Agile Infrastructure: Monitoring	by Markus Schulz and Pedro
24/02/2012		MARS interview with Manuel	Mainly objectives
27/02/2012	ITTF	Contacted Tim by mail for SNOW Usage Experience ITTF session	As discussed on Friday. He appointed Bruno Lenski.
27/02/2012	ITTF	Contacted Alistair Bland by mail for for ITTF session on BE/CO computing activities.	As discussed on Friday.
27/02/2012	CPCD	Confirmed to Sigrid and Wisla that OK for the list of presidents of the CPCD (Commission paritaire consultative de Discipline).	
27/02/2012		MARS interview with Massimo	Mainly results of last year.
27/02/2012	CASTOR	Made Massimo owner of castor-monitoring and castor-monitoring-admins	On request of Jan Iven.
27/02/2012	CASTOR	Prompted by PHP version question for compass02 and compass22 that are not from SWREP, pointed to documentation for vbox filesystems	https://savannah.cern.ch/task/ https://savannah.cern.ch/task/ https://savannah.cern.ch/task/

			https://savannah.cern.ch/task/
27/02/2012	batch	Closed again INC106437 after answer from Nils.	Although no batch issue this
27/02/2012	CASTOR	Fixed useraccess configuration of vona4801 and vona4802 that was affected by the problem described at the end of https://twiki.cern.ch/twiki/bin/view/ELFms/ELFmsZuulSLC5	Also told Emmanuele Leonar
28/02/2012	ITTF	Contacted Vito Baggiolini by mail for ITTF session on computing in BE/CO. Mentioned this to Nils who is running a coordination meeting with them.	Fixed a date and created even
28/02/2012	ITTF	Proposed the date of 20 April for the session on Experiences Using Service-Now in IT.	Created event in Indico in htt
28/02/2012		Attended PES group meeting.	With presentation from Alber
28/02/2012	LFC batch	Attended PES-GT meeting.	Agreed to revive LFC pps no Main information is that EMI should go for a newer LCG re
28/02/2012	Message Brokers	Answered question from Lionel about not being able to (re)install.	You have to change the drive 'emulated' is required for insta fater and better for normall op You can change it with somet /afs/cern.ch/user/v/vmmaster/ Pls note that this implies a rel https://twiki.cern.ch/twiki/bin/
28/02/2012	Message Brokers	Lionel still complained that no way to check the network drivers and that he has no access to manage the VM.	I to check with Alex for the d
29/02/2012		Still had to work on my MARS text with input from Massimo.	Fed the text back to Massimo
29/02/2012	ITTF	Discussed with Waine on the possible use of the IT Auditorium for the coming iTTF sessions. He thought that we should not count on it.	Proposed to discuss with Ton
01/03/2012	LFC	Worked on bdii startup as I thought that its failure could affect yaim.	Found that it is selinux (confi
01/03/2012	LFC	Investigating https://ggus.eu/ws/ticket_info.php?ticket=78770 . Looked into the queries done by lcg-infosites	Trying to find out why we see
01/03/2012	LFC	Looked into https://ggus.eu/ws/ticket_info.php?ticket=77026 that seems to be related to the above.	
01/03/2012	Message Brokers	As suggested by Helge called a meeting about the Message Brokers to signal that I will take over their operation.	Invited Pedro as monitoring p
01/03/2012		Discussed with Tony on using the IT Auditorium for the coming sessions of the ITTF.	Tony suggested to contact Fre
02/03/2012	CASTOR	Discussed with Massimo why a user with group def-cg does not get a CASTOR home directory.	Basically you need a "resourc
01/03/2012		Got answer to RQF0072607 : Error. NoAccess Opened because Massimo cannot access my MARS.	Send to Massimo printout of f
02/03/2012	AI	After discussion in the mornign meeting pointed Tomas to the LDAP query for batch egroup	The thingy that recursively qu https://svnweb.cern.ch/cern/w This we run in a daily cron ta The thingy that uses the stick https://svnweb.cern.ch/cern/w
02/03/2012	LFC	As discussed with Manuel yesterday, submitted request RQF0073296 for a VM to test and debug LFC deployment.	LFCTEST.
02/03/2012	LFC	Pursued the problem of wrong info in bdii for CERN LFCs	I found that the yaim function provided by glite-yaim-lfc-4.

			<p>generating/updating the info p /opt/glite/etc/gip/provider/glit</p> <p>On the other hand I found tha means (hand ?) with different param</p> <p>I proposed to patch myself th</p>
05/03/2012	ITTF	Discussed with Mats on session on Service Management,	
05/03/2012		On rota this week.	
05/03/2012	LFC	Pursuing the problem of wrong info in bdii for CERN LFCs, investigated errors when running yaim in production LFC nodes.	<p>I realized that the voms errors</p> <p>The only fatal error was actual /opt/glite/yaim/node-info.d/gl</p> <p>So the voms errors not being prod/components/yaim_users</p>
05/03/2012	Message Brokers	Meeting about the Message Brokers signaling that I start working on them.	Notes from Pedro in https://twiki.cern.ch/twiki/pul
05/03/2012	CASTOR	Followed up on alarm from TSM admin that a backup tape for VOHARP01 has been lost.	Started an incremental backup Also pointed out that from no
06/03/2012		Doing tickets for the support rota	<p>INC110495: myproxy registr</p> <p>INC110324: lfc_noread lfc_n</p> <p>INC110471: lfcatl01 lfc_nc</p> <p>INC109285: No access to lxb</p> <p>INC110557:LSF js on lxbu2</p> <p>INC110845: GGUS-Ticket-II</p>
06/03/2012	ITTF	Mail discussion with Tony, Wayne and Frederic on what to do with ITTF sessions when the IT Auditorium is off.	<p>Ignacio,</p> <p>Unfortunately it is a little mor from the other rooms along th all the more so as there is no</p> <p>Although somewhere bigger t a clear mention of the evacua the beginning of each meeting to see how people would evac and things were calm. Thinki being responsible to open the and manage evacuation via th</p> <p>Cheers, Tony</p> <p>-----Original Message----- From: Ignacio Reguero Sent: 06 March 2012 09:24 To: Wayne Salter Cc: Ignacio Reguero; Frederi Subject: Re: IT Auditorium</p> <p>Hi Wayne, Frederic and Tony</p>

			<p>So the IT Auditorium is actual</p> <p>Could we do anything to miti (open the back door)?</p> <p>Should we consider other (big</p> <p>Thanks & cheers ...Ignacio...</p> <p>On Mon, 5 Mar 2012, Wayne</p> <p>> Hi Ignacio,</p> <p>></p> <p>> The official situation (which</p> <p>> that there is no heating, cool</p> <p>> until July at the earliest. He</p> <p>> for large meetings. It is deb</p> <p>> held under these circumstar</p>
07/03/2012	LFC	Pursuing the LFC bdii problem.	ANswered GGUS tickets 787 badly published in the BDII
06/03/2012	LCG Ops meeting	Followed up report from CMS of flakeyness in SLS status display for lxbatch.	Monitoring problem found an
07/03/2012		Doing tickets for the support rota	INC111042: Cannot kill hang INC110874 : lfcAtlas03 lfc_n INC110487: no space on exec
07/03/2012	ITTF	Announced session on Storage Strategy for next Friday.	Prompted by Rainer, checked Also checking with the Vidy
08/03/2012		Doing tickets for the support rota	INC111319: Problem with lx Follow on to INC109285 : No
08/03/2012		Pointed out that Bitorrent for ALICE which is a known legitimate cases. Followed up SPAM from Computer Security people.	LXBSU1504: Policy violation
08/03/2012		Ticket Review + short e-group/ldap resolution discussion with Alex	Described in detail what we d
08/03/2012		Attended section meeting.	https://indico.cern.ch/getFile.
08/03/2012	batch	Attended meeting to discuss batch urgent stuff.	
09/03/2012		Again, pointed out that Bitorrent for ALICE which is a known legitimate cases. Followed up SPAM from Computer Security people.	LXBSU1345: Policy violation
09/03/2012	ITTF	IT Technical Forum about Storage Strategy	Announcements. Discussion with Tim Smith o
09/03/2012		Doing tickets for the support rota	Follow on INC111291: nfsno
12/03/2012		Doing Vm creation tickets for the support rota of the week before	RQF0073296: Test machine f RQF0073305: VMs for Jira c RQF0076469: VM for tender Had to deal with errors due to [ERROR] cannot release lock Also had to deal with Prepare
13/03/2012	batch	Created usertest/batch namespace as well as 'stages/usertest/batch' template.	To provide a standard CDB a
13/03/2012	Message Brokers	Three mails trying to find out out to find out how to report problem in hwcollect seen by Lionel on the Message Brokers.	

13/03/2012	batch	Ulrich kindly created an updated version of the script to get the RPM list for the glite release that uses a new URL. The script is in /afs/cern.ch/group/c3/tools/bin/CDB_create-glite-templates.new .	He ran the script to generate prod/cluster/lxbatch/glite_3.2.1 recommended in https://twiki
14/03/2012	batch	I made usertest/batch/cluster/lxbatch/glite-GLEXEC-wn-x86_64.tpl pointing to the baseline versions and modified profiles/profile_vm64slc5test.tpl as a "normal" batch worker in 'usertest/batch'	It committed OK, however SPMA gave 27 dependencies
14/03/2012	ITTF	Sent reminder for Stefan Lueders session.	I would like to invite you to the Authorization at CERN
14/03/2012	batch	Worked on on BI-550: Upgrade batch to gLite-WN 3.2.5-1 until agreed to leave worker node at 3.2.1 for now.	Until confirmed clash of glite and You can confirm the fuckup by # rpm -q -requires -p http://glitesoft.cern.ch/EGEE # rpm -q -requires -p http://sw # rpm -q -requires -p http://sw # rpm -q -requires -p http://glitesoft.cern.ch/EGEE
15/03/2012	ITTF	Discussion with Tim Smith on Vidyo setup for ITTF.	Also installed Vidyo Android
15/03/2012	batch	For BI-549: usertest/batch Quattor area for small-scale tests, across multiple host types	moved to usertest/batch 1 VM
15/03/2012	batch	(BI-544) Upgrade batch to SLC5.8 once its available	Tried ELFMS_OSDATE in usertest Found errors in commit that S
15/03/2012	batch	Followed up on the 'Cannot kill hanging jobs' thread triggered by INC111042.	Let me add something, in this case, according to If the job cannot be killed, usertest remove the job from the LSF for the job to terminate, and f of the job. So we would leave the stuck j The trick to kill the processes the signals from strace (SIGT If the problem recurs, We wo state and how to release them
15/03/2012		I realized that removing it-dep-fio-smod-alarm is NOT OK because it is included by all the -operator-alarm egroups so that SMSs are sent to the people there which includes both CASTOR and Batch people. I mean things like atlas-operator-alarm@cern.ch.	This works because the it-dep-fio-smod-alarm is not in the SMS gateway.
16/03/2012	ITTF	IT Technical Forum session titled Squaring the Circle: Reflections on Identities, Authentication & Authorization at CERN . The speaker is Stefan Lueders.	Announcement, Vidyo setup
16/03/2012	Message Brokers	Opened INC114036 : /usr/bin/hwcollect crashes often in SLC6	hwcollect crashes reported by
19/03/2012	Took day	Kid sick.	

	off.		
19/03/2012	batch	Answered a couple of support questions in the saga of Job 225473233: Exited	
19/03/2012	batch	worked on (BI-544) Upgrade batch to SLC5.8 once its available	I tried to set ELFMS_OSDA The commit worked but SPM depcheck: package nfs-utils-l This is because nfs-utils and but nfs-utils is deleted in proc Either both nfs-utils and nfs-u
20/03/2012	batch	Prompted by Gavin, checked that LSF masters OK if we remove NFS RPMs from the batch workers.	I checked and the autofs RPM when you use automount with [root@lxmaster20 ~]# mount sunrpc on /var/lib/nfs/rpc_pip caenas01:/vol/LSF/batch/work
20/03/2012	batch	(BI-544) Upgrade batch to SLC5.8 once its available: test in usertest/castor	In any case we seem OK for t get the NFS rpms from the os
20/03/2012	batch	(BI-544) Upgrade batch to SLC5.8 once its available: test in usertest/castor	First applied the (NFS free) u
20/03/2012	batch	(BI-544) Upgrade batch to SLC5.8 once its available: announcement	Submitted announcement to I https://itssb.web.cern.ch/service
20/03/2012	batch	(BI-544) Upgrade batch to SLC5.8 once its available: changed config of preprod nodes	<cdbop@cdbserv.cern.ch: ~/c [INFO] '/preprod/cluster/lxba [INFO] '/prod/cluster/lxbatch please confirm [yes]: Last comment: Remove WN Press [Enter] to confirm the l Comment: Update ELFMS_C [INFO] please wait... [INFO] commit OK
20/03/2012	batch	(BI-544) Upgrade batch to SLC5.8 once its available: deployed with spma after testing on a couple of nodes.	Did nc-client --cluster lxbatch The spma went OK.
20/03/2012	batch	Discussed system level being deployed with Linux Supporters	> > We are deploying ELFMS_ > Does this correspond to SL Yes, it should: integrated rele so 16th snapshot is at least as it is little bit more up to date integrated 5.8 were gathered shall not matter) Cheers Jarek
20/03/2012	ITTF	IT Technical Forum about New Computing Centre next Friday	Sent announcement.
20/03/2012	Message Brokers	Answered question from Lionel about sysctl -p giving the following error error: "net.bridge.bridge-nf-call-ip6tables" is an unknown key error: "net.bridge.bridge-nf-call-iptables" is an unknown key error: "net.bridge.bridge-nf-call-arptables" is an unknown key in the SLC6 machines in mb/agileinf.	The problem is described in https://bugzilla.redhat.com/show_bug.cgi?id=1011111 and https://bugzilla.redhat.com/show_bug.cgi?id=1011111 To summarize - These entries in /etc/sysctl.c

27/03/2012	AI	Got help from Tomas on questions about Puppet Apply.
28/03/2012	Message Brokers	Checked with Steve procedure to put information in hiera.
29/03/2012	Message Brokers	Got activemq running for mcollective
29/03/2012	AI	Attended discussion on scheduling aspects for batch and pilot use cases
30/03/2012	ITTF	ITTF session on VoIP new pilot: Unified communications: Lync becomes your desk phone
30/03/2012	ITTF	scheduled session 15 Jun - New IT Web Site.
30/03/2012	ITTF	scheduled session 22 Jun - Agile Infrastructure Project Update.
30/03/2012	batch and CASTOR	Answered questions on RQF0081473 about LSFWeb for CASTOR from Ulrich as current CASTOR people not aware.
01/04/2012	LB	Answered ticket INC117695 from Jan Iven.
02/04/2012	LFC	Following up on ticket https://ggus.eu/ws/ticket_info.php?ticket=80780 from LHCB verified versions in prod-lfc-lhcb-central.cern.ch. It is LFC-server-oracle-1.8.2-0sec.s15.
02/04/2012	Message Brokers	Discussed with Steve current status of mcollective. Looking how to run arbitrary commands.
03/04/2012	batch	Followed up failed installation of lxbsq1430 in SLC6 due to libgcc problem.
03/04/2012	LFC	Looking into SLS for LHC LFCs on request of Stefan Roiser
03/04/2012		Attended GT/PES monthly meeting.
03/04/2012	LFC	INC118478 from ATLAS. Investigated whether they are hitting max number of thread limits.

04/04/2012	LFC	Still working on INC118478. Deployed new node lfcAtlas04 in production and as agreed after the lcg ops meeting changed best_hosts to 3 for prod-lfc-atlas
05/04/2012	C5	Did C5 report for the work done on prod-lfc-atlas the day before.
05/04/2012	ITTF	scheduled session 1 Jun - IPV6 by Edoardo Martelli.
05/04/2012	LFC	Attended LCG Ops meeting to get feedback from ATLAS.
16/04/2012	Back from hols	Back from hols
16/04/2012	Message Brokers	Attended morning meeting
16/04/2012	LFC	Reported to Maite on LFC for IT problem management meeting - agenda for 17-APR-12
16/04/2012	ITTF	Scheduled session on Linux Kernel Development by Panos Sakkos on 1st June.
16/04/2012	ITTF	Feedback to Maite on Experiences Using Service-Now in IT.
16/04/2012	ITTF	Follow up on session about SCRUM (Agile Methods).
16/04/2012	C3 admin	Added isteers from Procurement team as well as toulevey (and ouleveyt) from Linux team to C3 group.

16/04/2012	LFC	In the context of INC118478, Jean-Philippe has told us that he gave an LFC client to Simone over 6 months ago to solve the load balancing "unbalance" but Simone was reluctant to deploy it.
17/04/2012	LFC	Follow up both with Jean-Philippe and the ATLAS people (Alessandro and Simone) of the LFC thread utilization problem visible in INC118478.
17/04/2012		Attended PES group meeting.
17/04/2012	ITTF	Sent reminder of ITTF session next Friday
17/04/2012		Had to reset/reboot desktop PC due to browser update.
17/04/2012	LB	Got hold of lserver source (actually Perl stuff) from svn co svn+ssh://svn.cern.ch/repos/ELFms/loadbalancing
17/04/2012	LFC	Tried a bit of LFC log parsing looking for long opened/not closed sessions using my /afs/cern.ch/user/r/reguero/public/parseLFCsess.pl
17/04/2012	LB	Looking how to fulfill the tickets opened by CMS and ATLAS for the LB.
16/04/2012	CASTOR	Gave some input to RAL on question about slots while switching from LSF to TM
17/04/2012	LB	Updated tickets with current status
18/04/2012	LB	Attended CMS meeting
18/04/2012	ITTF	Jamie came asking to organise a Post-CHEP session for beginning of June.
18/04/2012	LFC	Verified that figures quoted by Anthony for LFC_NOREAD alarms in RQF0088684 are indeed correct.
19/04/2012	LB	Looked into loadbalancing component and its CDBsql query.
19/04/2012	LB	After discussion with Steve and Gavin decided to change to hourly lbd configuration reloads as suggested by Manuel a while ago.
19/04/2012	LB	Did the change in lbmaster: [root@lxservb01 etc]# mv cron.daily/configure-loadbalancing cron.hourly and also committed it in SVN on top of the CERN-CC-lbd-2.1-5 RPM.
19/04/2012	LB	Discussed with Nick how to implement new LB alias creation in SNOW. Went through Hardware Request workflow but not totally automated as we would like.
19/04/2012	LFC	Had to look into urgent problem in lfcAtlas02. The problem was due to lfcd daemon crashes. On request of Alessandro I put lfcAtlas02 in maintenance so that it does not get into the LB alias.
19/04/2012	CASTOR	Added Xavier's phone number to it-dep-fio-smod-alarm e-group
20/04/2012	LFC	Following on the INC122340 ticket, I restarted lfcd daemon in lfcAtlas02 and put the node in production so it is eligible by the prod-lfc-atlas LB alias. I verified that it is already being picked up.

20/04/2012	ITTF	Sent reminder and organized session
20/04/2012	LB	set atlasddm-mb to become external as requested by Lionel
20/04/2012	ITTF	Meeting with Vito Baggiolini on the session 'Computing in BE/CO'
20/04/2012		Changed my passwords and grid certificate that were about to expire
20/04/2012	ITTF	Scheduled ITTF session for 6 July: CERN mobile web site, and how it was implemented with jQuery Mobile
23/04/2012	LB	Following up token problem with slsmon job in lxservb06.
23/04/2012	On rota this week.	Attended morning meeting + AI morning meeting.
23/04/2012	LFC	Follow up LFC problem that looks like an LFC client misconfiguration.
23/04/2012	ITTF	Answered to Veronique who was requesting for minutes/action list for the last session.
2012/04/23	LDAP	Continued debugging of INC094014 about "nss_ldap on SLC5: cannot get more than 1500 entries of a given item (group), needs "ranged results"
23/04/2012	LFC	Change of TSM server from "TSM91" to "TSM512". Backup seems to work OK, however I keep getting the 'TSM failed backup notification for user lfc-operations' mails.
23/04/2012	LB	Answered comment from Mats Subject: Re: Question concerning a request: RQF0090008 : Possibility to have tasks within Requests that can be assigned to different FEs n

24/04/2012	AI + LB	Attended SCRUM meeting,
24/04/2012	LB	Attended meeting with Mats, Nick and Beutel on Snow record producer + workflow to support new LB alias requests.
24/04/2012	LFC	Still helped Maaike Limper and Giacomo on (python) configuration for the LFC in SLC5.
24/04/2012		Asked Steve to look into LXPLUS403 for which there was a security warning.
24/04/2012	AI + LB	Mail to neteng on the establishment of an LB server for AI.

2012/04/24	Batch	Asked Ulrich to look into INC123467 about job in VM stuck out of memory vmbst051605
24/04/2012	LB	Answered ticket RQF0090222 configure-loadbalancing cronjob mails
25/04/2012	LFC	As suggested by Alex, changed <code>"/software/components/cron/entries" = list(nlist(</code> to <code>"/software/components/cron/entries" = push(nlist(</code> in <code>prod/cluster/gridlfc/config.tpl</code> to avoid overwriting the cron entry to restart ntpd in VMs
25/04/2012	LB	FYI I had an informal meeting with David Gutierrez Rueda for LB server questions.
25/04/2012	LB	As discussed with Steve, I have checked what we use as protocol to update the alias info in dns.
25/04/2012	LFC	Submitted request https://cern.service-now.com/service-portal/view-request.do?n=RQF0091368 requesting an additional node for prod-lfc-atlas

25/04/2012	Batch	Answered RQF0090907. The jobs were hitting the queue runtime limit. Still they seem to come with rc 255 which is not consistent with getting SIGXCPU signal which should be code 152.
26/04/2012	Batch	Still following up RQF0090907.
26/04/2012	VOMSR	Passed to Steve INC124027 and INC124043 that seem to be a known problem.
26/04/2012	VOBOX	Answered INC123815 after getting help from Ben. the problem is that tools like <code>sindes-get-certificate -f</code> do not work because the server sees the requests coming from <code>vocms208-vip</code> rather than from <code>vocms209</code>
26/04/2012	myproxy	Did INC123976
26/04/2012	Batch	for tickets INC124300 and INC124432 Resting VMs with https://twiki.cern.ch/twiki/bin/view/Batch/VMBatchTerminateInstance
26/04/2012	myproxy	https://ggus.eu/ws/ticket_info.php?ticket=81671
27/04/2012	Batch	tickets INC124662 and INC124550
27/04/2012	vobox	Answered ticket INC121504: rfc on amsvoboxXX
27/04/2012	LFC	INC124738 : lfcAtlas02 lfc_nowrite LFC restart by the Lemon actuator when all requests getting 'Failure getting the request: Name server not active'. Also found some Oracle errors.
30/04/2012	VOBOX	Followed up via mail to <code>vobox-admins-alice@cernNOSPAMPLEASE.ch</code> the <code>/tmp</code> full alarms in the <code>lxcaf/caf_alice_nodes</code> reported in the morning meeting.
30/04/2012		Attended morning meeting and AI one.
30/04/2012	VOBOX	Explained to Maarten how to disable <code>exception.tmp_full</code> (metric 30010) in the <code>lxcaf/caf_alice_nodes</code>
30/04/2012	Message Brokers	Added entries for RabbitMQ, ActiveMQ and Apollo to https://agilecat.web.cern.ch/catalog/component-catalog
01/11/2007	ITTF	Sent announcement for ITTF session on "Computing on BE/CO" by Vito Baggiolini.
02/05/2012	AI	Attended AI ticket review.
02/05/2012	LFC	Followed up ticket INC124738 on auto LFC restart.
02/05/2012	VOBOX	Followed up questions from Maarten how to disable <code>exception.tmp_full</code> (metric 30010) in the <code>lxcaf/caf_alice_nodes</code>
02/05/2012	LFC	Following up <code>lfcAtlas02</code> stuck as reported by Fabrizio. Due to power problem on NAS disk containing VM images.
2012/05/02	Message Brokers	Found in the <code>mcollective 1.3</code> release notes in (AI-366) that it needs features of latest version of <code>activemq (3.5.6.x)</code> so we may not use Apollo.
02/05/2012	Message Brokers	Follow up discussion with Lionel on https://agileinf.its.cern.ch/jira/browse/AI-260?focusedCommentId=14606#comment-14606
02/05/2012	LFC	I updated https://twiki.cern.ch/twiki/bin/view/FIOgroup/ScGridLFC removing obsolete services and changing names and Lemon pointers to the current names.
03/05/2012		Attended AI + section meeting + ITUM

Date	Service	Summary	
04/05/2012	Message Brokers	Contacted RI Pienaar with Apollo support and scalability questions for <code>mcollective</code>	He answered clustering and nodes.
04/05/2012	ITTF	Sent announcement of "Computing in BE/CO" session.	
04/05/2012	LB	Follow up by mail with Nick Ziogas on RP for LB alias creation.	
07/05/2012		Attended SA session of Saved Leave, Pensions, etc.	
07/05/2012			

	Batch LDAP	Looked into loadPwentCache.py to correct a misunderstanding of Emmanuel Ormancey.	The problem different hier The solution should search OU=Unix,OU sub-searches. This has been Gavin.
07/05/2012	Batch	Answered question from Maite on whether the 2nd level could help on the jobs stuck and VMs out os swap cases last week.	My answer: There were sp AFS cache) in cases in lxclo solved by UL https://agilein memorydeath AFAIK, (pls. normal condi going to swap actually full).
07/05/2012	ITTF	Still cannot modify http://information-technology.web.cern.ch/about/meeting/it-technical-forum-ittf Following up with Cath Noble.	As requested
07/05/2012	ITTF	Scheduled session "Open Software for Open Hardware" for the 13 July with Javier Serrano. Made event page in https://indico.cern.ch/conferenceDisplay.py?confId=190126	As requested
08/05/2012	Message Brokers	Followed up Lionel's comments about (AI-260) Enable MCollective on Apollo.	
08/05/2012		Attended PES group meeting.	
08/05/2012	LB	Reported LB work status to Arne for the IT-CMS coordination meeting	Hi Arne, Latest news, cheers ...Igna - Nick and I h consultant on we could do a Unfortunately is not possibi then current form and mai - Nick curren Record Produ in Service-No form and mai - Mentioned t LB as a servic interface as in http://libcloud They replied

			creation due to security co
			- After check cron job reconfiguring latency when changing alia
			- Currently pr infrastructure that I plan to available.
2012/05/08			

Week February 6, 2012

Service	Description	Impact/Risk
ANY	O ANY	End of the year...

Other informations

- Mon

- ◆ Attended Agile Infrastructure Meeting.
- ◆ Answered Helge on the **Where do we raise uid changing** thread. Data obtained with `# getent passwd |awk -F\: '{if ($3 < 1000 && $3 > 101) print $0}' |sort -t ':' -k 3 > /tmp/passwd.sort` on a batch box. I guess that for RedHat based tools, we are concerned by the ones ≤ 500 . They are 216.
- ◆ Followed up with Ulrich `/afs/cern.ch/user/l/lsfadmin/scripts/CloudFactory` errors in `lxadm`.
- ◆ For ticket **INC094014 'nss_ldap on SLC5: cannot get more than 1500 entries of a given item (group), needs "ranged results"** Produced the output of `tcpdump -vvv -X -w /tmp/tcpdump.ldap.out host xldap.cern.ch` when doing `getent group zp` in SLC5 and SLC6 and disabling `nscd` caching. This was to display that SLC6 is actually using the range protocol.
- ◆ Answered ticket INC101333 about **LFC: getting the list of LHCb files with zero replicas from LFC db** We should not be doing DB queries when there is a method to access the information directly. I could not find any doc myself either on the `lfc_getpath` method. I guess that this should be eventually reported to the LFC developers. On the other hand, googling around I did find the example called `lfc-getreplica-data-1.2.py` that uses `lfc_getpath`. I have tested that works OK in my environment by doing `python ./lfc-getreplica-data-1.2.py srm-public.cern.ch --lfn .`
- ◆ Meeting on LFC issues with Manuel and Philippe.
- ◆ Followed up on the LFC meeting to see that the LFC from the EMI 1 release is SCL5 only. See <http://www.eu-emi.eu/emi-1-kebnekaise> and http://www.eu-emi.eu/emi-1-kebnekaise-updates/-/asset_publisher/Ir6q/content/update-10-24-11-2011
- ◆ Uploaded material of ITTF session on OpenStack to Indico.
- ◆ Mail discussion with Tim and Helge on possible topics for the ITTF.

- Tue

- ◆ Sent mail reminding ITTF material and upcoming events. Most information in Indico in <https://indico.cern.ch/categoryDisplay.py?categId=3407>
- ◆ Prompted by a warning from Frederic, verified that we can fold back to 513 1-024 fro the coming ITTF sessions.

- ◆ Discussed how we could let ATLAS manage their own limits in LSF as they requested in the last coordination meeting.
- ◆ From CMS ticket INC101988 'dpm package on some tier-0 nodes causing problems' we realized that the problems are due to clashes of the dpm packages required by the `emi-wn-1.0.0-0.s15`. In particular `dpm(-1.8.2-3sec.s15)` RPM contains all the `rf*` commands clashing (actually overwriting) the ones in `castor-rfio-client(-2.1.9-3)`. This seems to be what breaks CMS jobs. So Ulrich has produced `dummydpm-0.0.1-1` to fulfill the dependencies of `emi-wn-1.0.0-0.s15`. I have I have reported the problem to linux.support, I have also fixed the template `prod/cluster/lxbatch/emi_1_0_0-wn.tpl` to use it instead of the dpm RPMs and I have deployed this to the lxbatch nodes with `--stage preprod` by doing SPMA, followed by `'rpm -e castor-rfio-client-2.1.9-3'` followed by another SPMA. This is required to have the right `rf*` commands from the `castor-rfio-client-2.1.9-3` rpm. I also answered the ticket and committed `dummydpm` in the batchinter SVN rep.
- ◆ Matthias found that the RPM problem does not happen anymore if we upgrade to at least CASTOR 2.1.9-8. I asked the CASTOR Operations people to which version we should go.
- ◆ Discussed by mail how to answer the question about having preprod nodes exposed to production jobs. On request of Helge, I agreed to attend the IT CMS coordination meeting tomorrow.
- Wed
 - ◆ Attended the AI meeting.
 - ◆ In the framework of the EMI-WN problems, looked into the version of xroot software with Gavin as well a de CGSI libs.
 - ◆ Attended the IT-CMS coord meeting to discuss the benefit of having preprod nodes in the production farms.
 - ◆ Helped producing a text for the minutes.
 - ◆ Following up with Steve sysadmin remedy tickets fro cvmfs boxes:
 - ◇ CM00000000464862: lxbst2801. The box is bollocksd I would say, not sure if was CVMFS did it. Reboot it for sure.
 - ◇ CM00000000463952: That's a new error for me. `/etc/mtab~` was present as a lock file to `/etc/mtab` and that stops other things being mounted. And so mounts were failing. Clearly something is going wrong somewhere.
- Thu
 - ◆ Attended the AI meeting.
 - ◆ Explained to Maite the 'Where do we raise uid changing' case for PSM.
 - ◆ Ticket INC094014 about `nss_ldap` problems on SLC5. Provided the `tcpdump` output again, now with '-s 0'. More specifically `[root@lxadm10 ~]# tcpdump -vvv -X -s 0 -w /tmp/tcpdump.ldap.s0.out host 137.138.240.49 or 137.138.142.25 or 137.138.144.149 or 137.138.145.178 or 137.138.145.182 or 137.138.240.48`
 - ◆ Read slides about Quantum in <http://robhirschfeld.com/2012/02/08/quantum-network-virtualization-in-the-openstack-essex-release-2>
 - ◆ Section fondue.
 - ◆ Attended computing seminar `Defining Computer Speed : An Unsolved Challenge` by Dr. John Gustafson (Intel Research).
 - ◆ Also prompted by INC102803. Verified that `/usr/bin/rfcp` binary OK by doing `'$ wassh -t 100 -p 100 -l root -c lxbatch 'ls -lstr /usr/bin/rfcp' |grep -v 'root root 36118 Nov 6 2009 /usr/bin/rfcp"'` and found two boxes (lxbrb2516 and lxbrl2316) that had the dpm ones. The boxes were in stage `usertest/jhefferm` so looking like preprod but out of the cleanup done. So cleaning them up now with the sequence of `spma_wrapper.sh; rpm -e castor-rfio-client-2.1.9-3; spma_wrapper.sh; ncm_wrapper.sh`. As matter of fact, John says the `usertest/jhefferm` stage looks like a very old thing he is not interested in so we could move the boxes to prod.
- Fri
 - ◆ Discussed with Stefan about ITTF session for 16 March `Squaring the Circle: reflections on Identities, Authentication & Authorization at CERN` and prepared

Indico Event <https://indico.cern.ch/conferenceDisplay.py?confId=177625> and logistics.

- ◆ Attended IT-PES-PS section meeting.
- ◆ For ticket INC094014, provided SLC5 tcpdump with TLS encryption disabled to do so I edited `/etc/ldap.conf` to comment out `#tls_checkpeer true` and replace `ssl start_tls` with `ssl no`. As matter of fact the SLC6 configuration has TLS encryption disabled. IT should use `ldaps:` instead of `ldap:` in the URI.
- ◆ Checked with Philippe a couple of pending tickets, in particular the permissions to access the LFC logs for E. Laciotti from LHCB + auto scheduling addition of privileged hosts to ATLAS.
- ◆ Removed the atlasalong and atlascatshort queues and resources as described in Gira in <https://agileinf.cern.ch/jira/browse/BI-369?page=com.atlassian.streams.streams-jira-plugin:activity-str>

Week January 30, 2012

Service	Description	Impact/Risk
ANY	O ANY	End of the year...

Other informations

- Mon

- ◆ Attended Agile Infrastructure Meeting.
- ◆ Following report from Max Baak on Sunday, reconfigured lsf to exclude `u_ATLASCAT` users from the `u_zp` limit of 100 slots per user so that they can get to the group limit of 1000 slots with a single user.
- ◆ After another report from Max Baak in the afternoon verified that `g_atlascaturgent` is actually dedicated to CAT users and pointed out problem with shared resources (jobs not starting). This was finally solved by Ricardo by doing a badmin reconfig.
- ◆ Looked into the `mghunterd` params on request of Steven Murray. They were the old fashioned ones with `-t` rather than `-s -m`. Checked with Jan Iven that ther was no reason to keep them and let him update them to modern ones.
- ◆ Pointed out problem with `slsmon` account in `lxmaster20` that was triggering errors When trying to connect for the SLS probe. Fixed by Ricardo in the Quattor config.
- ◆ Prepared Indico entries and reserved rooms for coming ITTF sessions in <https://indico.cern.ch/categoryDisplay.py?categId=3407>.

- Tue

- ◆ Worked on ITTF Twiki in <https://twiki.cern.ch/twiki/bin/view/ITdeptTechForum/WebHome>
- ◆ Discussed with Wayne suggesting ITTF on New Computing Centre. Agreed session on 23 March.
- ◆ Sent announcement of ITTF on Fri 3 Feb: Agile Infrastructure: OpenStack. And displayed the Twiki.
- ◆ Attended PES group meeting.
- ◆ Asked Markus, Bernd and Pedro to reconsider the date of 17th Feb session on monitoring.
- ◆ Followed up ticket due to `lfcd daemon` not able to start in `lfcshared01`. Not able to connect to DB. Due to intervention to upgrade LCGR DB to Oracle 11 in <http://itsb.web.cern.ch/planned-intervention/lcgr-database-migration-and-upgrade-oracle-11gr2/31-01>
- ◆ Question about `.netrc` from Massimo.
- ◆ Restarted `lfcshared01` after the intervention. `lfcshared02` is down, I do not know why. I have put both nodes in production in SMS.
- ◆ Attended ticket review meeting.

- Wed

- ◆ Switched to use this file as a log rather than <https://twiki.cern.ch/twiki/bin/view/DSSGroup/FDOWeeklyIgnacioReguero>
- ◆ Attended the Agile Infrastructure SCRUM meeting.

- ◆ With the agreement of those involved, moved the ITTF monitoring session to the 24th February.
 - ◆ Followed up hickups in lfcshared01 that triggered lfc_noread alarm. I saw that the lemon actuator restarted the daemon, seemingly due to problems in LCGR database reported later. Answered INC100127 and INC100136 about them.
 - ◆ Closed obsolete CASTOR tickets INC034978 and INC061931.
 - ◆ Attended meeting with Lionel Cons and Massimo Paladin on questions about the Messaging service support workflows and migration to Agile Infrastructure.
 - ◆ Question from Massimo on rmAdmiNode operations in CASTOR disk move script.
 - ◆ Mail to report to Frederic Ian and others of the coming ITTF sessions, in particular the new Computing Centre one.
- Thu
 - ◆ Attended Belmiro's rehearsal for the ITTF.
 - ◆ Produced C5 report for the ATLAS CAT resource streamlining.
 - ◆ Mail discussion with Tim on new proposals for the ITTF.
 - ◆ Attended PES group lunch.
 - ◆ Attended ITUM.
 - ◆ Attended Agile Infrastructure meeting on priorities.
 - Fri
 - ◆ Sent reminder for the ITTF.
 - ◆ Replied mail on high_load on compass22 and mentioned that not working anymore with `fileserv` VO boxes.
 - ◆ Organised ITTF.
 - ◆ Discussed with Alberto and scheduled ITTF session on Storage Strategy for the 9th March.

Week January 23, 2012

Service	Description	Impact/Risk
ANY	O ANY	End of the year...

Other informations

- Mon
 - ◆ Attended Agile Infrastructure Meeting.
 - ◆ Backing up Philippe for the Piquet.
 - ◆ Put in production `loadPwentCache.py` and `loadPwentCache.cron`. I changed the configuration in CDB, did the SPMA, recreated the cache by hand, and then, as `lsfadmin` ran the daily reconfiguration script `/usr/bin/lsf_cron_auto_reconfig -C batch -V 7.0 -t -p 300` in `lxmaster20`.
 - ◆ I also verified that the output of `bugroup` is consistent with `/usr/lsf/etc/egroup` after the deployment.
 - ◆ Checked the status of the `DiggiChristmas` limit that is set to 0 slots with `blimits -w -n DiggiChristmas` after the reconfiguration and informed Alessandro from ATLAS.
 - ◆ As suggested by Gavin, started working with Ulrich on the EMI Worker Node.
- Tue
 - ◆ Attended Agile Infrastructure Meeting.
 - ◆ Did activity report for the section meeting minutes. It is in <https://twiki.cern.ch/twiki/bin/view/PESgroup/WrIgnacio> si that the latest extract can be seen in <https://twiki.cern.ch/twiki/bin/viewauth/PESgroup/PesPsMembersWorkReports>. Planning to move to <https://twiki.cern.ch/twiki/bin/view/PESgroup/WrIgnacio> at the end of the month.
 - ◆ Discussed with Ulrich that is starting the work for the EMI WN software.
 - ◆ Meeting of Ricardo Gavin and I with the ATLAS People (Max Baak + Alesandro, Guido) on the `atlascatlong` and `atlascatshort` queue reorganisation.

- ◆ Discussed with Ricardo what is needed in the LSF configuration and set off to implement it.
 - ◆ Checked with the DBAs before restarting the LHCB LFC nodes for aliases prod-lfc-lhcb-central and prod-lfc-lhcb-ro. Something like `sms set maintenance other 'DB upgrade' lfclhcbro01 lfclhcbro02 lfclhcbro03 lfclhcbro01 lfclhcbro2 lfclhcbro3; wassh -l root lfclhcbro01,lfclhcbro02,lfclhcbro03,lfclhcbro01,lfclhcbro2,lfclhcbro3 service lfcdaemon stop`. Verified that LFC logs OK. Realized and reported that one nodes (lfclhcbro02) is out of production since end of November. Reported it to the lfc-operations list.
 - ◆ Attended the Grid Ops meeting replacing Philippe. Read report from Steve.
 - ◆ Also replacing Philippe, on request of Serguei Baranov, reconfigured the alias for pandamonitor from `best_hosts = 3` to `best_hosts = 2`, restarted the LB server and notified Serguei.
 - ◆ Sent announcement for the IT Technical Forum next Friday. Tried first `it-dep-full@cernNOSPAMPLEASE.ch` that is restricted so it did not work. On suggestion of Nathalie Thiers, tried afterwards `it-dep@cernNOSPAMPLEASE.ch` that allows mail from members.
 - ◆ Started working on Twiki for the IT Technical Forum. Asked Nils (that was off) and then Pete for a public Web after realizing that the existing ones do not fit well what is required for the ITTF.
- Wed
 - ◆ Attended Agile Infrastructure Meeting.
 - ◆ Discussed with Ulrich to deploy the EMI WN in preprod with SCAS rather than ARGUS. At the end agreed not do it as we have to solve glexec before.
 - ◆ Replacing Philippe, answered the test alarm tickets after the GGUS release.
 - ◆ Discussed with Mats about doing an ITTF session on Service Management.
 - ◆ Replied to Nils about ITTF Twiki location.
 - ◆ Got from Philippe explanation on procedure for new LB aliases.
 - ◆ Got explanation from Gavin on how to put message when submitting on obsolete queues. To use `queuename.esub` in `esub.d` packaged in CERN-CC-esub-filter RPM.
 - ◆ Agreed with Philippe to put lfclhcbw02 in maintenance until we understand the problem with it.
 - ◆ Fulfilled request RQF0059707 from CMS by creating cmsbpfrofrontier LB alias (and restarting the LB server).
 - ◆ Attended Grid Ops meeting.
- Thu
 - ◆ Got feedback from Ricardo for the reconfiguration steps required for the atlascatlong and atlascatshort queue reorganisation.
 - ◆ Attended Section Meeting and took notes.
 - ◆ Attended Ticket Review meeting
 - ◆ Contacted Mats to fix date for Service Management session of the ITTF.
 - ◆ After warning of possible overcrowding of 513 1-024 from Wayne contacted Caltec people that had booked the IT Auditorium to swap room and announced the change to `it-dep@cernNOSPAMPLEASE.ch`.
- Fri
 - ◆ Organised ITTF: Agile Infrastructure: Configuration Management. 104 attendees.
 - ◆ Migration out of dedicated resources atlascatlong and atlascatshort. Produced and deployed a new version of the CERN-CC-esub-filter with `queue.atlascatlong` and `queue.atlascatshort` in `esub.d` so that `bsub` to these queues is intercepted and a proper message is shown.
 - ◆ Fixed `/afs/cern.ch/user/s/stage/acron/castorsvcacl.py` cron job used to generate the pool ACLs for `castoratlas/atlt3`. This job broke when `zp_CAT` was replaced by `u_ATLASCAT` in the batch configuration because of the streamlining of the atlascat dedicated resources.
- Ignacio still 50% still on Castor until the end of January.

- Asked by Frederic to coordinate the IT Technical Forum. Started with Agile Infrastructure session on 27th Jan.
- Produced on LDAP query to fill egroup sticky cache. egroup is used on LSF reconfigurations to resolve groups to member list.
- Packaged all the egroup bits in CERN-CC-LSF-* RPMs. Deployed them in Quator and Tested in batchint and deployed in production on 23/Jan.

- Ignacio now officially in PES-PS section - 50% still on Castor until the end of January. Working on tying up loose ends in particular for fileserver VOBOXES for COMPASS and HARP.
- CERN version of xroot clients for SLC6 lxbatch and lxplus(in `prod/site/cern_cc/rpms/addons/slc6/xrootd-clients.tpl`) while it is put in EPEL by the CERN xroot developers (Lukasz Janyst).
- Waiting for procedures for a couple of batch merge operations.
- Working on scripts to hunt for problematic jobs

-- IgnacioReguero - 06-Dec-2011

-- IgnacioReguero - 08-May-2012

This topic: Main > WrIgnacioPrev

Topic revision: r1 - 2012-05-08 - IgnacioReguero



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