

TWiki > DICE Web > ResearchAndTeachingUnit > ServerUpgradeSL7 (11 Jun 2018, GrahamDutton)

## Server Upgrade to SL7 2016

The project is now complete - see [SL7ServerUpgradeRATReport](#)

### Key

field	purpose
Hostname	Principal (LCFG profile) name of server host
VM?	YES if a KVM guest, NO if a physical machine
OS	SL6 or SL7 or Other
Service(s)	Names of services (or associated LCFG headers) running on server
Owner	Purchaser - RAT or Other if research group/grant or institute funded
Priority	High or Low, High do ASAP and Low for non-critical (e.g. internal testing, development, decommissioning, etc)
Comments	Anything to note, associated RT tickets etc

colour	OS	meaning
<b>TODO</b>	SL6	Work to be done
<b>Scheduled</b>	SL6	Ready for SL7 but not upgraded yet
<b>Done</b>	SL7	No further action
<b>NOP</b>	SL6	Due for disposal at end of SL6 / replaced by SL7 host
<b>gone</b>	n/a	Disposed

### Server List

<u>Hostname</u>	<u>VM?</u>	<u>OS</u>	<u>Service(s)</u>	<u>Owner</u>	<u>Priority</u>	<u>Comments</u>
<b>802nas</b>	YES	SL7	glusterfs-server.h	RAT	High	
<b>823nas</b>	YES	SL7	glusterfs-server.h	RAT	High	
<b>adamski</b>	NO	SL7	GPU Server	Other	done	
<b>anne</b>	NO	SL7	CDT, glusterfs-server.h, gridengine.h	RAT	High	
<b>arcsim</b>	NO	SL7	Arcsim	Other	KVM + VM's - can do host before VMs if preserving partitions	Tuesday 11th
<b>arcsimvm1</b>	YES	SL7	arcsim-server.h	Other	Richard - schedule with Bjoern	Tuesday 11th
<b>arcsimvm3</b>	YES	SL7	arcsim-server.h	Other	Richard - schedule with Bjoern	svn /webdav server - Need to coordinate with bjoern and gdupton
<b>bakerstreet</b>	YES	SL7	rt-server.h (wrbsrt)	RAT	off	sl7 in profile, will probably never be upgraded though
<b>barking</b>	YES	SL7	trac-server.h (ratrap)	RAT	Graham - Do last	done
<b>bathurst</b>	YES	SL6	simics-flexlm-server.h	RAT	It's off and not doing anything	destroyed
<b>bayswater</b>	YES	SL7	rt-postgresql.h (kmrt)	RAT	off	sl7 in profile, will probably never be upgraded though
<b>beast</b>	NO	SL7	respeck-server.h	Other	Richard - should be ok, Python Web + <a href="#">PostgreSQL</a> , partition preserving install, schedule with user	awaiting break in active usage
<b>bembo</b>	YES	SL6	sl7rt-server.h	RAT	N/A	
<b>blanik</b>	NO	SL6	flybrain-server.h	Other	N/A - being replaced by another server	
<b>bloor</b>	YES	SL7	webots-licence-server.h	RAT	webots moved to islington; server repurposed	
<b>bocian</b>	NO	SL6	flybrain-server.h	Other	N/A - being replaced by another server	
<b>bollin</b>	NO	SL7	research compute-server.h	Other	High	
<b>bonaventure</b>	YES	SL6	jenkins.h	RAT	Decommissioned	
<b>bonnybridge</b>	NO	SL7	GPU Server	Other	Iain 1st Viglen by end 2016	
<b>bravas</b>	NO	SL7	ilcc compute-server.h	Other	Richard - schedule to do by end 2016	rsynced bravas:/disk/scratch onto nix:/disk/huge/bravas 170517, unsure if iainr has scheduled
<b>broma</b>	YES	SL7	play server	Other	Low	<a href="#">RT:83033</a>
<b>browne</b>	NO	SL6	exam-preparation-desktop-client.h	RAT	Tim - 1st - check firewall, printing, nfs/gluster	hardware to be replaced
<b>buck</b>	NO	SL7	GPU Server	Other	Richard - schedule for before end 2016	
<b>burly</b>	NO	SL7	<a href="#">PostgreSQL</a> 9.4 development server	RAT	Low	
<b>cake</b>	NO	SL6	infdb streaming replication slave	RAT	replaced by mochi	
<b>cheetah</b>	NO	SL7	GPU Server	Other	Richard - schedule for before end 2016	
<b>clulow</b>	NO	SL7	GPU Server	Other	High	
<b>commonrail</b>	NO	SL7	?	RAT	High	Done

<b>craggy</b>	NO	SL7	VM Host for Video conferencing	Other	Richard - in-place upgrade should be possible preserving partitions (backing up guest image first) migrating guest image onto commonrail 070617	
<b>cranston</b>	NO	SL7	Hadoop	RAT	High	
<b>cup02</b>	NO	SL7	anc research server	Other	Iain - check maven/git on SL7 suitable	
<b>cure</b>	NO	SL6	exam-preparation-desktop-server.h	RAT	Richard - after browne	hardware to be replaced
<b>dechmont</b>	NO	SL7	GPU Server	Other	Richard - after other Viglen's done; underway now	
<b>deltic</b>	NO	SL7	GPU Server	Other	High	
<b>dufferin</b>	YES	SL7	xilinx-flexlm-server.h	Other	Richard - check with Nigel but course finished S1 so safe-ish to do	
<b>dyatlov</b>	NO	SL7	cstr research server	Other	Richard - schedule for before end 2016	
<b>eaglesham</b>	NO	SL7	hadoop development cluster	RAT	High	
<b>eglington</b>	YES	SL7	brain-brick-tftp-server.h	RAT	Richard - flexlm removed, now awaiting "regular" upgrade for tftp purposes	
<b>ekcof</b>	YES	SL7	rt4-server.h	RAT	Iain after 20 June	
<b>engadine</b>	YES	SL7	rt4-server.h (develop)	RAT	Iain after 20 June	
<b>fittipaldi</b>	NO	SL6	exam-preparation-desktop-client.h	RAT	Richard - after browne	hardware to be replaced
<b>flapjack</b>	NO	SL6	Teaching <a href="#">PostgreSQL</a> server	RAT	Graham - done	
<b>fondant</b>	YES	SL7	Ganglia	RAT	Iain doing now	
<b>forthea</b>	NO	SL7	gridengine scheduler node	RAT	High	
<b>giger</b>	NO	SL7	GPU Server	Other	Richard - after other Viglen's done	
<b>glorious</b>	YES	SL7	gluster cluster filesystem musterer	RAT	High	
<b>greenford</b>	YES	SL6	webmark	RAT	replaced by barclay	
<b>herc1425n04</b>	NO	SL6	gpfs	RAT	N/A	
<b>herc1425n06</b>	NO	SL6	gpfs_fileserver.h	RAT	N/A	
<b>herc1425n09</b>	NO	SL6	gpfs_fileserver.h	RAT	ris</N/A	
<b>herc1425n10</b>	NO	SL6	gpfs_fileserver.h	RAT	N/A	
<b>herc1425n11</b>	NO	SL6	gpfs_fileserver.h	RAT	N/A	
<b>herc1425n25</b>	NO	SL6	gpfs_fileserver.h	RAT	N/A	
<b>herc1425n28</b>	NO	SL6	gpfs_fileserver.h	RAT	N/A	
<b>helium</b>	YES	SL6	canary	RAT	N/A	
<b>hensile</b>	YES	SL6	develop testing	RAT	N/A	

<b>henwen</b>	NO	SL7	csutton research server	Other	Richard - schedule for before end 2016	<a href="#">RT:67438</a>
<b>hodgkin</b>	NO	SL7	GPU Server	Other	High	
<b>hood</b>	YES	SL7	CDT Gridengine head node	RAT	High	
<del><b>hotair</b></del>	YES	SL7	canary	RAT	not in use	
<b>hydra</b>	NO	SL7	GPU Server	Other	High	
<b>hynek</b>	NO	SL7	GPU Server	Other	Iain 2nd Viglen by end 2016	
<b>islington</b>	YES	SL7	mathematica-server.h	RAT	Richard/Graham - High, should just work	
<b>jantar</b>	NO	SL7	speech synthesis server	Other	Richard - test on SL7 VM to test then schedule	jantarvm created and user testing functionality - to be deleted
<b>jerry</b>	NO	SL7	research server	Other	High	
<b>karenin</b>	NO	SL6	flybrain-server.h	Other	N/A - being replaced by another server	
<b>kcofe</b>	YES	SL7	?	?	?	Iain - using as SL7 RT + <a href="#">PostgreSQL</a> test
<del><b>keele</b></del>	YES	SL6	testing theon deployment	RAT	Low	profile archived, IP removed, VM on circle deleted (disks not purged)
<b>kensal</b>	YES	SL7	ICSA license server	Other	Richard - schedule as probably just FLEXIm	
<del><b>kerrang</b></del>	NO	SL6	emergency backup for exam prep clients	RAT	Decomission	
<b>kinloch</b>	NO	SL7	ILCC Big Memory Machine	Other	Richard - schedule to do by end 2016	rsynced kinloch:/disk/scratch onto nix:/disk/huge/kinloch 190517 Scheduled for 150617
<b>lazar</b>	NO	SL7	GPU Server	Other	Richard - RTXXX	rsynced lazar:/disk/data1 onto nix:/disk/huge/lazar 170517 unsure if Iain has scheduled
<b>letha01</b>	NO	SL7	GPU Server	RAT	High	
<b>letha02</b>	NO	SL7	GPU Server	RAT	High	
<b>letha03</b>	NO	SL7	GPU Server	RAT	High	
<b>letha04</b>	NO	SL7	GPU Server	RAT	High	
<b>letha05</b>	NO	SL7	GPU Server	RAT	High	
<b>littlebird</b>	YES	SL7	django?	?	?	
<b>lubbock</b>	NO	SL7	cstr server	RAT	Iain - check through headers first, try to do before end of week	
<b>majestic</b>	NO	SL7	cstr GPU Server, Gridengine	Other	Iain - check through headers first, speak to CSTR re amalgamating <a href="#">GridEngine</a>	rsynced majestic:/disk/data1 onto nix:/disk/huge/majestic 170517. The man from majestic says no, they're busy till end July
<b>marax</b>	NO	SL7	GPU Server	Other	Iain - mysql turned off, Richard can now schedule upgrade	
<del><b>marylebone</b></del>	YES	SL6	tomcat	Other	Richard - decommission	
<b>marzipan</b>	NO	SL7	hypatia theon-ui and portal	RAT	High	
<b>mayer</b>	NO	SL7	GPU Server	Other	Richard - after other Viglen's done	rsync of mayer:/disk/scratch taken 060617, unsure if Iain has scheduled

<b>mcgill</b>	YES	SL6	theon-basecamp.h	RAT	Graham - low upgrade priority	
<b>melmac</b>	NO	SL7	GPU Server	Other	Iain - Viglen transferring data, then pass to Richard to schedule	
<b>meringue</b>	NO	SL7	hypatia db, incoming, outgoing	RAT	High	
<b>monmouth</b>	YES	SL6	exam prep test + gluster	RAT	no longer needed	
<b>morris</b>	NO	SL7	Dave aspinal server	Other	Installed sl7, but with lvm stuff in profile it won't even boot	
<b>moser</b>	NO	SL7	ilcc GPU Server	Other	High	
<b>neeps</b>	NO	SL6	glusterfs.h, ruby	RAT	Iain - to be decommissioned	
<b>newyork</b>	NO	SL6	Iain's sl6 machine of last resort	RAT	Iain - being used for testing	
<b>osgoode</b>	YES	SL6	?	RAT	gone	
<b>osiris</b>	NO	SL7	GPU Server	Other	Richard - schedule to do by end 2016	
<b>pasta</b>	NO	SL7	gluster prototype server	RAT	Low	
<b>pepa</b>	NO	SL6	pepa Server	Other	Leave at SL6 until after grant final review (end May), can be decommissioned over summer - switched off	
<b>phantom</b>	NO	SL7	Large Database Server for Mike O'Boyle	Other	Tim - scheduled for Thursday 22nd June	
<b>plaistow</b>	YES	SL7	seeker-server.h	Other	High	
<b>porthemmet</b>	NO	SL7	glusterfs-server.h	RAT	High	
<b>puffing</b>	YES	SL6	replacement demos.inf	RAT	DESTROYED	functioning HMMBach demo on ANC website, all others seem dead and have not been running anyway so plan to just turn this off
<b>pug01</b>	NO	SL7	GPU Server	Other	High	
<b>puma</b>	NO	SL7	research server	Other	High	
<b>quanticol</b>	NO	SL7	quanticol	Other	High	
<b>rendlesham</b>	NO	SL7	GPU Server	Other	High	
<b>rockall</b>	NO	SL7	ILCC compute server	Arguably USU	Low	
<b>roswell</b>	NO	SL7	GPU Server	Other	Richard - no serial console so upgrade in situ, imminent	
<b>rugged</b>	YES	Other	self managed windows VM	N/A	N/A	
<b>alecto</b>	YES	SL7	mrg-web-server.h	Other	was "runnymede"	
<b>scathed</b>	YES	SL7	develop	RAT	Low	
<b>schaffner</b>	NO	SL7 GPU Server	Other	done by Iain		
<b>scutter00</b>	YES	SL7	hadoop cluster canary and admin node	RAT	High	

<b>scutter01</b>	NO	SL7	cpu msc cluster node	RAT	High	
<b>scutter02</b>	NO	SL7	cpu msc cluster node	RAT	High	
<b>scutter03</b>	NO	SL7	cpu msc cluster node	RAT	High	
<b>scutter04</b>	NO	SL7	cpu msc cluster node	RAT	High	
<b>scutter05</b>	NO	SL7	cpu msc cluster node	RAT	High	
<b>scutter06</b>	NO	SL7	cpu msc cluster node	RAT	High	
<b>scutter07</b>	NO	SL7	cpu msc cluster node	RAT	High	
<b>shortbread</b>	NO	SL7	Theon 'infdb' replication server	RAT	High	function moved to mochi
<b>sloansquare</b>	YES	SL6	rt4-server.h	RAT	Iain - ISSRT w/c 12 July	
<b>southgate</b>	YES	SL7	exam-nfs-server.h	RAT	NFS Server	rwb - will expand main disk
<b>southwark</b>	YES	SL7	exam-nfs-server.h	RAT	NFS Server	rwb - will expand main disk
<b>spaceserver</b>	NO	SL6	respeck	RAT	Richard - same as beast	User has agreed to retire it
<b>spadina</b>	YES	SL7	projects-db-webserver.h	RAT	Graham - done	
<b>sponge</b>	NO	SL7	<a href="#">PostgreSQL</a> Research Server	RAT	Graham - issues with 9.6+PostGIS to be resolved post-project	
<b>sprinkles</b>	NO	SL7	spare	RAT	Low	
<b>staffa</b>	NO	SL6	AIAI Web and Database Server	Other	decommission	Austin confirmed we can retire this
<b>stjamespark</b>	YES	SL6	rt4.inf	RAT	Iain - last RT to do, should be easy once other RT's done w/c 25 July	
<b>stkilda</b>	NO	SL7	?	?	?	
<b>stonebridge</b>	YES	SL7	spare ?	RAT	Low	
<b>stoner</b>	YES	SL7	Test two-factor cosign'ed portal.theon	RAT	N/A	Tim - upgrade to new config
<b>stonesoup</b>	NO	SL7	GPU Server	Other	High	
<b>swift</b>	NO	SL7	GPU Server	Other	done	
<b>tatties</b>	NO	SL7	glusterfs-server.h	Other	N/A	
<b>teasel</b>	NO	SL7	beetle-grow.inf.ed.ac.uk	Other	Iain volunteered for this one, may not have a sponsor - check status w/c 12 June	Efarrow requests no action 'till beginning of Aug
<b>templeton</b>	YES	SL7	?	?	?	
<b>testkvm1</b>	YES	SL6	svnsync	RAT	N/A	
<b>testkvm2</b>	YES	SL6	testcoltex.inf	RAT	N/A	
<b>tom</b>	NO	SL7	research server rstudio	Other	Iain - review then pass to Richard	
<b>tunguska</b>	NO	SL7	cstr server	Other	Richard - check software	<a href="#">RT:81678</a>
<b>filius</b>	YES	SL7	coltex	RAT	was "victor"	

<b>wasserboxer</b>	YES	SL7	?	RAT	now migration standin	
<b>wilbur</b>	NO	SL7	csutton server	Other	Richard - schedule for before end 2016	<a href="#">RT:67438</a>
<b>yak</b>	YES	SL6	theon-basecamp.h	RAT	Graham - replacement 'zho' waiting Trac update	
<b>yoda</b>	YES	SL6	Hons/MSc Project Submissions/Archive Server	RAT	DESTROYED	replaced by "goyle"
<b>yorkdale</b>	YES	SL6	test theon	RAT	decommission	
<b>youyou</b>	NO	SL7	GPU Server	Other	High	
<b>zamora</b>	NO	SL7	research server	RAT	Richard - to schedule	
<b>scutter08</b>	NO	SL7	cpu msc cluster	RAT	Richard	new scutter node
<b>scutter09</b>	NO	SL7	cpu msc cluster	RAT	Richard	new scutter node
<b>scutter10</b>	NO	SL7	cpu msc cluster	RAT	Richard	new scutter node
<b>scutter11</b>	NO	SL7	cpu msc cluster	RAT	Richard	new scutter node
<b>malaya</b>	NO	SL7	gpu server	RAT	Iain	new gpu server
<b>barham</b>	NO	SL7	gpu server	RAT	Iain	new gpu server
<b>blackburn</b>	NO	SL7	gpu server	RAT	Iain	new gpu server
<b>invincible</b>	NO	SL7	gpu server	RAT	Richard	new gpu server
<b>inflexible</b>	NO	SL7	gpu server	RAT	Iain	new gpu server
<b>hessdalen</b>	NO	SL7	gpu server	RAT	Richard	new gpu server
<b>yonath</b>	NO	SL7	gpu server	RAT	Iain	new gpu server
<b>escience5</b>	NO	SL7	gridengine head/scheduler node	RAT	Iain	new gridengine head/scheduler node
<b>escience6</b>	NO	SL7	gridengine head/scheduler node	RAT	Iain	new gridengine head/scheduler node
<b>escience7</b>	NO	SL7	gridengine head/scheduler node	RAT	Iain	new gridengine head/scheduler node
<b>greenbeach</b>	YES	SL7	sl7 rt test server	RAT	Iain	sl7 rt test server
<b>barclay</b>	YES	SL7		RAT	Graham	webmark
<b>oratorvm</b>	YES	SL7	Festival Speech Synthesis	RAT	Richard	Replacement for orator
<b>runnymede</b>	YES	SL6	mrg-web-server.h	Other	DESTROYED	replaced by "alecto"
<b>victor</b>	NO	SL6	coltex	RAT	decommission	replaced by "filius"
<b>redsea</b>	NO	SL7	bollin's twin	RAT	Richard	recycled self-managed 'nyx'
<b>goyle</b>	YES	SL7	Hons/MSc Project Submissions/Archive Server	RAT	was "yoda"	

-- [TimColles](#) - 17 Nov 2016

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