# MOODLE2 UPGRADE PLAN

The upgrade to Moodle 2 is dependent on deployment of the archive as the archive will also act as a backup of production Moodle and can be used if we need to roll back. The best date to create the archive is on the last day of term (before courses are reset but before course admins take annual leave) Copying data from production Moodle to archive will take about 12 hours so assuming that copying the data for Moodle archive starts on Friday 7thth, 5pm, the upgrade will start on the following morning.

Archive preparation guidelines can be found at <https://wiki.ucl.ac.uk/display/ISMoodle/Moodle+archive+preparation+guidelines>

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| **√** | **Date** | **Task** | **Who** | **comments** | | **Duration** |
|  | 22/04 | Advertise Moodle outage in isd-news, Moodle homepage, Week@UCL |  |  | |  |
|  | 31/05 | Copy the software | ATS | From production to Moodle-archive/11-12. This can be done a couple of weeks in advance | | 30 mins |
|  | 31/05 | Modify config.php |  | $CFG->dbhost  $CFG->dbname  $CFG->wwwroot  $CFG->dirroot  $CFG->dataroot  $CFG->noemailever | | 10 mins |
|  | 31/05 | Ensure emails cannot be sent out | ATS |  | | 10 mins |
|  | 31/05 | Copy /data/Moodle from Moodlevm-nfs to /data/Moodle/12-13 on Moodle-archive (~ 1Tb) | DCS | An rsync will then be required on 07/06 but shouldn’t take very long as only modified files will need changing | | 14 hrs |
| Start of upgrade  Start of Archive.  No access to production Moodle between Friday 07/06/13, 5pm until Wednesday 12/06/13, 9am | | | | | | |
|  | Friday7th 5pm | Put Moodle into maintenance mode.  Stop the cron job | ATS | | Users visiting Moodle.ucl.ac.uk will see message similar to:  “*The Moodle 2.4 Upgrade has begun. Moodle will be unavailable from 5pm on 07/06/13 until 9am 12/06/13.*  *However a read only copy will be available from noon on Saturday 08th June at Moodle-archive.ucl.ac.uk/12-13*” |  |
|  | Friday7th 5pm | Create db dump file | ATS | | Import into Moodle\_archive\_1213 db | 11hrs |
|  | Friday7th 5pm | archive db dump and files to tape | ATS/DCS | |  | 12 hrs |
|  | Friday7th 5pm | Rsync the data /data/Moodle/12-13 | ATS | | Shouldn’t take too long as only modified files need to be copied | 6 hrs |
| Archive ready for customising is released.  Main M2 Upgrade begins. | | | | | | |
|  | Sat  8th  9 a.m. | Change cookie prefix to prevent session clashes | ATS | as more than 1 Moodle instance on same server admin->server->session handling. Change it to uclmoodle1213 | |  |
|  | Sat  8th | Remove the guest login button | LTSS | Users > Authentication > Manage authentication > Guest login button = Hide | | 5 mins |
|  | Sat  8th | Create roles - student (read only) and tutor (read only). | LTSS | See:-  [page for detailed SQL: https://wiki.ucl.ac.uk/display/ISMoodle/Archive+-+actions+required](file:///C:\Users\ELE04\AppData\Local\Temp\page%20for%20detailed%20SQL:%20https:\wiki.ucl.ac.uk\display\ISMoodle\Archive+-+actions+required) | | 1 h |
|  | Sat  8th | Change location of Site policy | LTSS | Security > Site policies > Site policy URL = https://Moodle-archive.ucl.ac.uk/12-13/policy/about\_the\_archive.html | | 5 mins |
|  | Sat  8th | For the student role ensure the graded role is read-only | LTSS | Grades>general settings  Untick all graded roles.  Tick student read only role | |  |
|  | Sat  8th | Edit Section 1 of the homepage to add a notice about the archive and the FAQ Glossary activity (adding questions as needed) | LTSS | Edit section 1 and copy paste from last years archive. Remember to edit dates, policy link.  Add activity > glossary. Untick automatically link glossary. | |  |
|  | Sat  8th | Remove the news section. | LTSS | Frontpage settings>frontpage=none  Frontpage items when logged in =none | |  |
|  | Sat  8th | Add a Glossary to the homepage | LTSS | Export the entries from the previous archive, import the XML into this Glossary and edit any questions/answers as necessary. | |  |
|  | Sat  8th | Add site policy page | ATS | Copy from http://Moodle-archive/10-11/policy/about\_the\_archive.html | |  |
|  | Sat  8th | update mdl\_course set enrollable=0  update mdl\_course set guest=0 | ATS | this disables all enrolments, guest functionality and student course ‘browsing’ | |  |
|  | Sat  8th | update mdl\_user set policyagreed=0 | ATS | reset site policy flag for users | |  |
|  | Sat  8th | Map Tutor, Non-editing tutor, Course administrator, Course creator, UCL Support staff and administrator into the Staff (read only) role. | ATS | See <https://wiki.ucl.ac.uk/display/ISMoodle/Archive+-+actions+required>  For queries to execute | | 30 mins |
|  | Sat  8th | Map Student and participant into Student (read only) role. | ATS | See https://wiki.ucl.ac.uk/display/ISMoodle/Archive+-+actions+required  For queries to execute | | 30 mins |
|  | Sat  8th | Modify links from [Moodle.ucl.ac.uk/](file:///D:\Documents%20and%20Settings\ccaajoa\Local%20Settings\Temp\Moodle.ucl.ac.uk\) to [Moodle-archive.ucl.ac.uk/yy-yy](http://moodle-archive.ucl.ac.uk/yy-yy) (where yy-yy is the academic year, like 10-11). Using admin/replace.php | ATS | links to files and resources are replaced with the archive location and not the live | | 30 mins |
|  | Sat  8th | Change the short name for the front page | LTSS | Administration>frontpage>frontpage setting. Change the short name to UCL Moodle 12-13 | |  |
|  | Sat 8th | Ensure latex filter displays text correctly | ATS | Go to course 4083  If it doesn’t display correctly change the file permissions on /data/apache/htdocs/moodle/12-13/filter/tex/mimetext.linux to 0755 | |  |
|  | Sat 8th | Fix search courses block | ATS |  | |  |
|  | Sat  8th | Change the site banner | LTSS |  | |  |
|  | Sat  8th | Modify Moodle-archive/index.php | ATS | Add url of new instance. Urls of archives should be displayed with the most recent at the top. | |  |
|  | Sat  8th | Redirect users visiting Moodle.ucl.ac.uk to Moodle-archive | ATS | Message on Moodle-archive/index will display similar to:  “Moodle is being upgraded and will be unavailable until 12/06/12. However, a read- only archive can be accessed from the links below…” | |  |
| Moodle-archive is available to users from noon on Saturday 8th June. | | | | | | |

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| Moodle 2.4.3 Upgrade begins , assumes archive deployed | | | | | |
|  | Sat  8th  Noon. | Truncate the mdl\_log table | ATS |  |  |
|  | Sat  8th | Export release tag for Moodle 2.4.3 |  |  |  |
|  | Sat  8th | Modify Moodle config file | ATS |  |  |
|  | Sat  8th 1pm | Run upgrade overnight. | ATS |  | ? hrs |
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| Post-upgrade Tasks | | | | | |
|  |  | Overnight (contd.) |  |  |  |
|  | Sun  9th | Configure admin settings | ATS | When upgrade script has completed. |  |
|  | Sun  9th | Schema sync. | ATS | See <http://docs.moodle.org/22/en/Verify_Database_Schema>  Example sync script:-  https://svn.ucl.ac.uk/projects/isd/moodle2/browser/moodle2-main/trunk/Upgrade/scripts/Moodle2-SchemaSync.sql | 2hrs |
|  | Sun9th | TeX filter | ATS | chmod 755 /data/apache/htdocs/moodle/filter/tex/mimetex.linux | 10mins |
|  | Sun  9th | Start Cron job | DCS |  |  |
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|  | Mon  10th | Final live testing | LTSS |  |  |
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| Moodle 2.4.3 available to users from 9am on 12/06/13 | | | | | |