MOODLE

IT administrators Manual

Installing Moodle 2.7.x under Windows Server 2008 r2 SP1

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What is Moodle?

Modular Object Oriented Dynamic Learning Environment.

Moodle is a free software and open source e-learning platform, also known as a Learning Management System (LMS), or Virtual Learning Environment (VLE).

As of August 2014, it had a user base of 64,385 registered and verified sites, serving 72,264,396 users in 7.6+ million courses with 1.1+ million teachers.¹

Moodle was originally developed by Martin Dougiamas to help educators create online courses with a focus on interaction and collaborative construction of content, and is in continual evolution. The first version of Moodle was released on 20 August 2002.

Some typical features of Moodle are:

- Assignment submission
- Discussion forum
- Files download
- Grading
- Moodle instant messages
- Online calendar
- Online quiz
- Wiki
- Survey

Moodle requirements

Hardware (Server Specification).

Disk space: 160MB free (min) plus as much as you need to store your materials. 5GB is probably a realistic minimum.

Processor: 1GHz (min), 2GHz dual core recommended. These settings may vary according to the resources used.

Memory: 256MB (min), 1GB or more is strongly recommended.

Backups: at least the same again as above to keep backups of your site.

* The general rule, Moodle can support 10 to 20 concurrent users for every 1GB of RAM, but it depend on your specific hardware and software combination and the type of use.

¹ https://moodle.org/stats/

Software (Apache, MySQL and PHP) under Windows 2008 SP1

Known problems

Windows is not suitable for large Moodle installations because PHP for Windows does not support 64-bit integer numbers, even if it is running on 64-bit Windows in 64-bit mode. One of the problems is that Moodle may fail to access data if there are more than 2 billion records in one database table because the id column is too big for integers. Another limitation is a maximum file size of 2GB, which can cause problems (for example) when making backups of large courses. Please consider a different operating system with full 64-bit support for very large installations.

Software requirements

To install Moodle 2.7.1 we need the required software listed below

- MySQL version 5.5.31
- Apache version 2.4
- PHP version 5.4.4
- Needed software for Windows environment
 - Install Dot Net framework 4 (dotNetFx40_Full_x86_x64)
 - Install Visual C++ 2010(vcredist_x86)
 - Install Visual C++ 2012 (vcredist_x86_2012)

Install MySQL

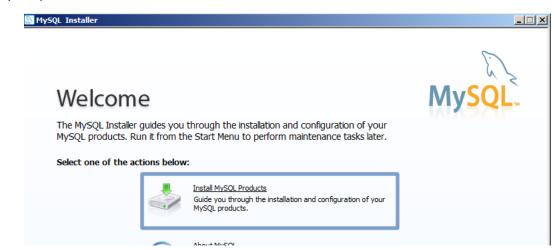
Install the MySQL database server on your machine using the 'MSI' one-click installer for Windows.

Go to http://dev.mysql.com/downloads/windows/installer/5.5.html and download MySQL.

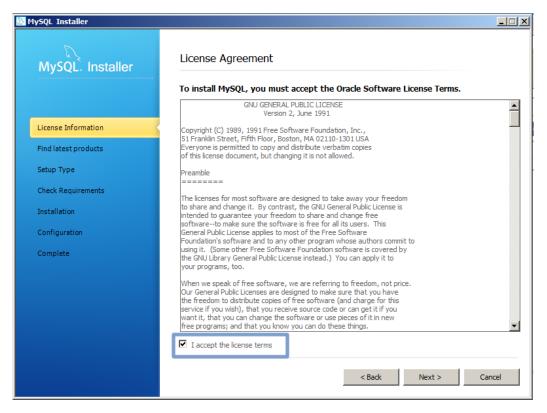
Run the installation.

🚺 Downloads					×
G 🕞 🗸 🖡 🗸 Dell 🗕 Dow	nloads	→	Search Downloads		<u> </u>
Organize 🔻 📴 Install 🔻	Share with 🔻 New folder			III 🔹 🔳 🔞	
★ Favorites	Name ^	Date modified	Туре	Size	
🧮 Desktop	🐻 ChromeSetup	8/15/2014 2:03 PM	Application	875 KB	
🗼 Downloads	🔀 dotNetFx40_Full_x86_x64	8/15/2014 4:14 PM	Application	49,268 KB	
🔄 Recent Places	🚰 mysql-installer-community-5.5.39.0	8/16/2014 10:08 AM	Windows Installer P	239,140 KB	
潯 Libraries	vcredist_x86	8/16/2014 9:54 AM	Application	4,879 KB	
Documents	/ vcredist_x86_2012	8/15/2014 7:44 PM	Application	6,401 KB	
J Music	windows6.1-KB976932-X64	8/16/2014 7:14 AM	Application	924,874 KB	
E Pictures					
📑 Videos					
🖳 Computer 📃					
mysql-installer-co Windows Installer	ommunity-5.5.39.0 Date modified: 8/16/2014 10:08 Package Size: 233 MB	AM Date created:	8/16/2014 7:19 PM		

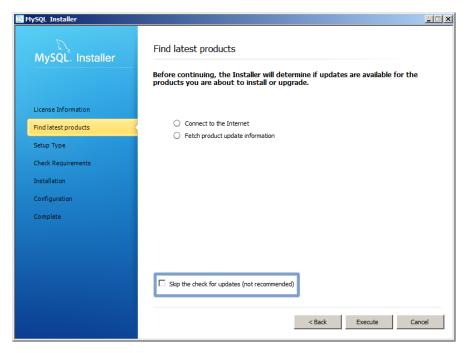
Install MySQL products



Accept the license



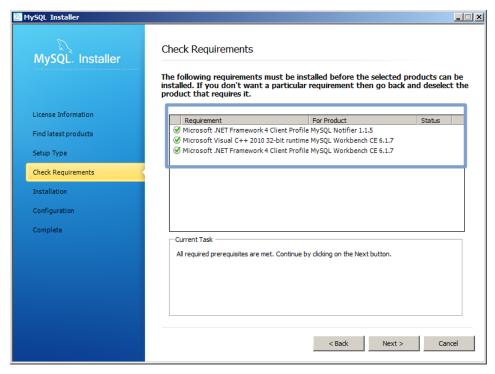
Allow the version check (optional)



At 'Choose a Setup Type' accept the "Developer Default" and click Next

NySQL Installer		X
MySQL. Installer	Choosing a Setup Type Please select the Setup Type that su	its your use case.
License Information Find latest products	Developer Default Installs all products needed for MySQL development purposes.	Setup Type Description Installs the MySQL Server and the tools required for MySQL application development. This is useful if you intend to develop applications for an existing server.
Setup Type Check Requirements	 Server only Installs only the MySQL Server product. 	This Setup Type includes: * MySQL Server
Installation Configuration	C Client only Installs only the MySQL Client products, without a server.	* MySQL Workbench The GUI application to develop for and manage the server.
Complete	C Full Installs all included MySQL products and features.	Installation Path:
	C Custom Manually select the products that should be installed on the system.	Data Path:
		< Back Next > Cancel

A number of downloads of required software may be identified. <u>We did install these requirements before click</u> Next



At 'Installation progress' screen, hit Execute - the MySQL software will be installed

MySQL. Installer	Installation Progress			
	The following products will be installed	or updated.		
	Product	Status	Progress	Notes
License Information	MySQL Server 5.5.39	To be installed		
	MySQL Workbench CE 6.1.7	To be installed		
Find latest products	MySQL Notifier 1.1.5	To be installed		
Setup Type	MySQL Utilities 1.4.3	To be installed		
Check Requirements	Connector/ODBC 5.3.4	To be installed		
check Requirements	Connector/C++ 1.1.3	To be installed		
Installation	Connector/J 5.1.31	To be installed		
Configuration	Connector/NET 6.8.3	To be installed		
Complete	MySQL Connector/C 6.1.5	To be installed		
Complete	MySQL Documentation 5.5.39	To be installed		
		To be installed		
	Samples and Examples 5.5.39	to be installed		
	Click [Execute] to install or update the following pa	ackanes		
	Circk [Execute] to install of update the following pa	locages		

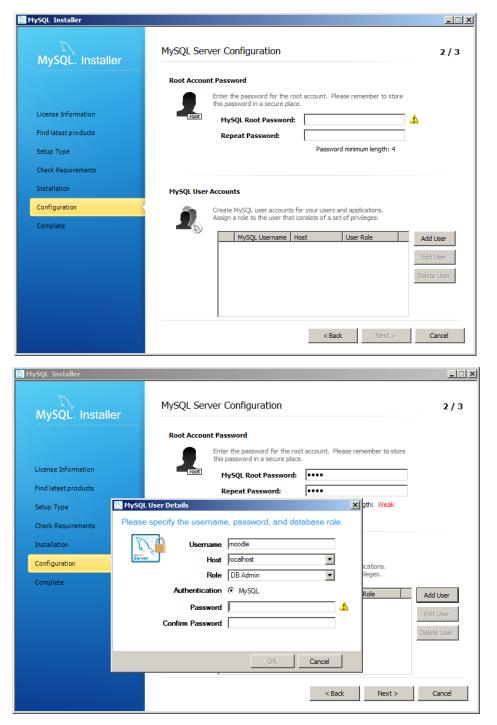
At 'Configuration overview' hit Next to go to the basic configuration screen.

MySQL Installer			_
MySQL. Installer	Configuration Overview		
	The following products will now be co	onfigured.	
	Product	Action to be performed	Progress
License Information	i MySQL Server 5.5.39	Initial Configuration.	
License Information	Samples and Examples 5.5.39		
Find latest products			
Setup Type			
Check Requirements			
Installation			
Configuration			
Complete			
	Show Details >		
		< Back Next >	Cancel

Accept all the defaults on the 'MySQL Server Configuration' and hit Next.

🔊 MySQL Installer		<u> </u>
MySQL. Installer	MySQL Server Configuration	1/3
	Server Configuration Type	
License Information	Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.	
Find latest products	Config Type: Development Machine	
Setup Type	Enable TCP/IP Networking	
Check Requirements	Enable this to allow TCP/IP networking. Only localhost connections through named pipes are allowed when this option is skipped.	
Installation	Port Number: 3306	
Configuration	Open Firewall port for network access	
Complete		
	Advanced Configuration	
	Select the checkbox below to get additional configuration page where you can set advanced options for this server instance.	
	Show Advanced Options	
	< Back Next > C	Cancel

On the password screen, supply a password for the 'root' (main administrator) user. Make sure it's one you won't forget. You can also create a 'User' account just for Moodle with more restricted access if you like.



On the Service details page, accept the defaults and hit Next and then Next a couple more times for the configuration progress.

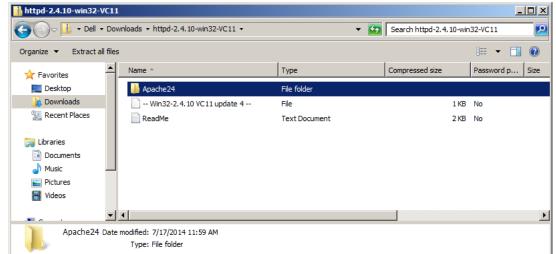


Click Finish.

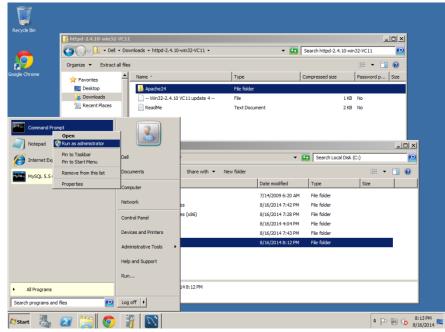
Install Apache

Install the Apache web server on your machine.

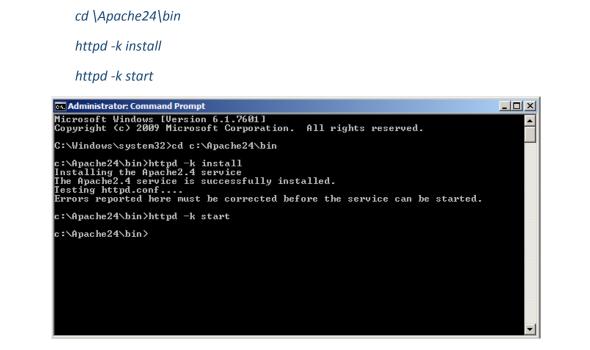
- Go to <u>https://www.apachelounge.com/download/</u>. Scroll down the page until you find the download for the 'Apache 2.4 win32 binaries' and download. Be careful that the module dll in PHP matches the version of Apache you install. Apache won't load otherwise.
- Unzip the file into C:\. You should end up with a directory 'Apache24'.



 Find Start > All programs > Accessories > Command Prompt....., right click, and select 'Run as administrator'.

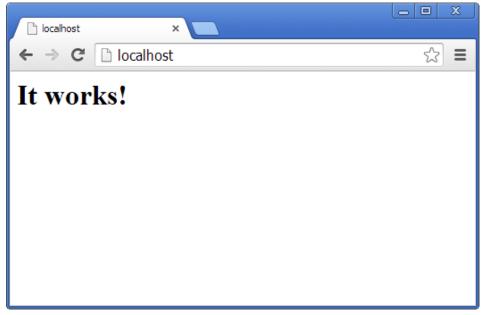


- Enter the following commands



- ...you may well get a warning about the server name. Don't worry about it. Don't close this window, you will need it again in a minute.

- To test it worked type 'http://localhost' into your browser. You should get a screen up to the effect that Apache is installed and working.



Install PHP

Now install the PHP scripting language on your machine.

 Go to <u>http://windows.php.net/download/</u>. In the current stable release section click on link for Windows 5.x.x binaries and source. Scroll down to the newest 'Zip' for VC11 x86 Thread Safe (non thread safe doesn't have the Apache dll).

*Microsoft Installer version does not work.

- Open the zip file and extract to C:\PHP\

Configure Apache and PHP

You now need to edit Apache's httpd.conf file.

In the file explorer navigate to C:\Apache24\conf\httpd.conf. Open it in Notepad++. At the end of this file add the following lines:

LoadModule php5_module "C:/PHP/php5apache2_4.dll"

AddHandler application/x-httpd-php .php

PHPIniDir C:/PHP

The version of the module file matters (2_4 in this case). It MUST match the Apache version installed.

In the same file. Search for the line starting DirectoryIndex. Change it as follows

DirectoryIndex index.php index.html

Now, navigate to C:\PHP, and copy php.ini-development to php.ini. Edit this file, find the following lines and modify them as follows (all should exist already):

memory_limit = 256M post_max_size = 128M upload_max_filesize = 128M

You need to specify the extensions required for Moodle.

Change extension directory to extension_dir = "C:/PHP/ext/"

extension= php_curl.dll
extension= php_gd2.dll
extension= php_intl.dll
extension=php_mbstring.dll
extension= php_mysqli.dll
extension= php_openssl.dll
extension=php_soap.dll
extension=php_xmlrpc.dll
zend_extension=php_opcache.dll

[Date] date.timezone =Asia/Jerusalem

[intl]
intl.default_locale = en_utf8
intl.error_level = E_WARNING
[opcache]
opcache.enable=1
opcache.memory_consumption=128
opcache.max_accelerated_files=4000

opcache.revalidate_freq=60

opcache.use_cwd=1
opcache.validate_timestamps=1
opcache.save_comments=1
opcache.enable_file_override = 0

* To run php_intl.dll extension correctly we need to have the icu****.dll files in C:\Apache24\bin.

Back in the 'cmd' window for Apache, you need to restart it to load your changes...

httpd -k restart

Get PHP Information

We need to create test.php file contain the following script and save it in apache DocumentRoot "c:/Apache24/htdocs"

<?php Phpinfo(); ?>

Server set up

Download and copy files into place.

- Go to http://download.moodle.org/ download the latest official update of Moodle in this case (Moodle 2.7.1).
- Extract the zip file to C:\Apache24\htdocs.

Secure the Moodle files (Data Directory).

Data directory is C:\moodledata (or whatever you created) not accessible through web server.

Creating and manage Moodle Database

Using phpMyAdmin.

To manage MySQL databases using phpMyAdmin

- Go to http://www.phpmyadmin.net/home_page/downloads.php
- Open the zip file and extract to C:\Apache24\htdocs.
- Go to <u>http://localhost/phpMyAdmin</u>

A phpMyAdmin ×	
← → C D localhost/phpMyAdmin/index.php	ත් =
phpMyAdmin	
Welcome to phpMyAdmin	
Language English •	
Log in Username: Password:	
Go	

Create an empty database.

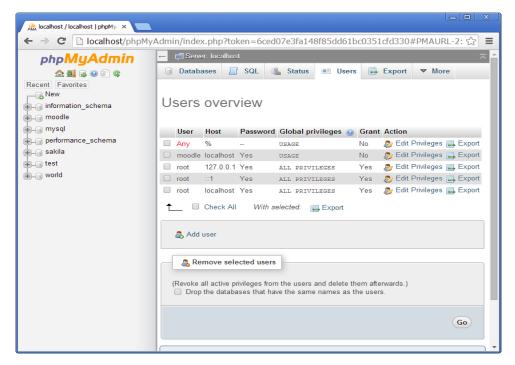
To create database you need to login to phpMyAdmin using root user and password, hit databases and create database with new name and select its Collation utf8_unicode_ci.

	مرابع مالم من معامل من معامل من
← → C localhost/phpM phpMyAdmin ☆ 및 ↔ ♥ ♥ ♥ Recent Favorites ⊷ wew ⊕ information_schema ⊕ mode ⊕ mode ⊕ mysql	(Admin/index.php?token=6ced07e3fa148f85dd61bc0351cfd330#PMAURL-1: ☆ I ■ Server: localhost
 Bright of the second se	Database name Collation Create Note: Enabling the database statistics here might cause heavy traffic between the web server and the MySQL server. Database Collation Database Collation information_schema utf8_general_cit a: Check Prinleges moodle utf8_general_cit a: Check Prinleges moodle utf8_general_cit a: Check Prinleges
	performance_schema utf8_general_ci a: Check Privileges sakia utf8_general_ci a: Check Privileges world utf8_general_ci a: Check Privileges Total: 7 utf8_general_ci Check All With selected: Drop
	Enable Statistics

Create database user and set privileges.

To create a new user, click the Add a new user link near the bottom of the Users page (you must be a "superuser", e.g., user "root"). Use the textboxes and drop-downs to configure the user to your particular needs. You can then select whether to create a database for that user and grant specific global privileges. Once you've created the user (by clicking Go), you can define that user's permissions on a specific database (don't grant global privileges in that case). In general, users do not need any global privileges (other than USAGE), only permissions for their specific database.

Moodle user need these privileges SELECT, INSERT, UPDATE, DELETE, CREATE, CREATE TEMPORARY TABLES, DROP, INDEX, ALTER



Editing an existing user

To edit an existing user, simply click the pencil icon to the right of that user in the Users page. You can then edit their global- and database-specific privileges, change their password, or even copy those privileges to a new user.

Deleting a user

From the Users page, check the checkbox for the user you wish to remove, select whether or not to also remove any databases of the same name (if they exist), and click Go.

Assigning privileges to user for a specific database

Users are assigned to databases by editing the user record (from the Users link on the home page) not from within the Users link under the table. If you are creating a user specifically for a given table you will have to create the user first (with no global privileges) and then go back and edit that user to add the table and privileges for the individual table.

Configure Moodle

Start Moodle installation.

- Go to <u>http://localhost/moodle/install.php</u>
- Choose a language and click Next

It localhost / localhost phpMy × 1 fn Installation - Moodle 2.7.1 (E ×	
$\leftarrow \rightarrow \mathbb{C}$ [\square localhost/moodle/install.php \therefore]	≡
Installation	
Language	
Choose a language	
Please choose a language for the installation. This language will also be used as the default language for the site, though it may be changed later.	
Language English (en) v	
Next »	
fnoodle	

- Confirm paths

🙀 localhost / localhost phpMy, ×) 🏫 Installation - I	Moodle 2.7.1 (E ×	
← → C □ localhost/moodle/install.	php 🖒	≡
The full path to the directory contai	ning the Moodle code.	*
Data directory		
A directory where Moodle will store	all file content uploaded by users.	
This directory should be both reada 'apache').	able and writeable by the web server user (usually 'www-data', 'nobody', or	
It must not be directly accessible ov	ver the web.	
If the directory does not currently e	xist, the installation process will attempt to create it.	
Web address	http://localhost/moodle	
Moodle directory	C:\Apache24\htdocs\moodle	
Data directory	C:\Apache24\moodledata	
	« Previous Next »	
	fnoodle	

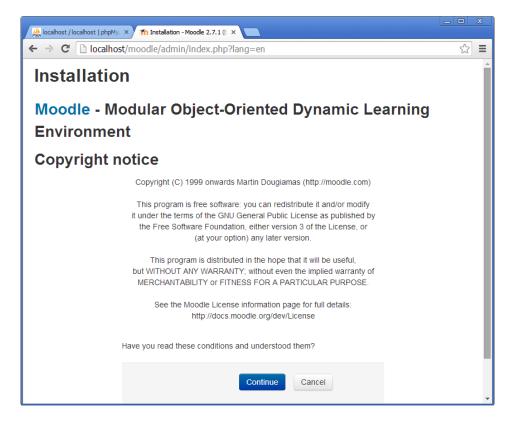
- Database choose database driver (Mysqli)

🏨 localhost / localhost phpMy × 🎢 Installation - Moodle 2.7.1 (E ×	
← → C □ localhost/moodle/install.php	☆ 〓
Installation	
Database	
Choose database driver	
Moodle supports several types of database servers. Please contact server administrator if you do not to use.	t know which type
Type Improved MySQL (native/mysqli) « Previous	
moodle	

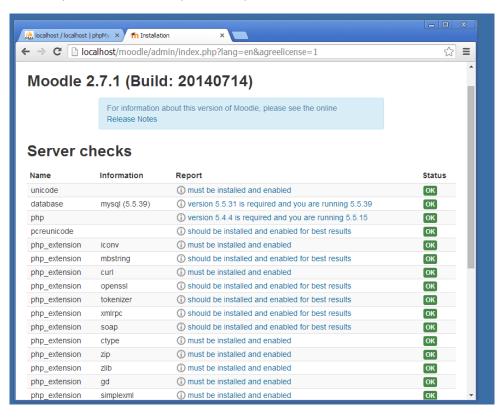
- Database Settings

🔒 localhost / localhost phpMy. ×	4oodle 2.7.1 (E ×		
← → C 🗋 localhost/moodle/install.	php	☆	Ξ
The database name, username, and pass	word are required fields; table prefix is optional.		•
If the database currently does not exist, and database with the correct permissions and	nd the user you specify has permission, Moodle will attempt to create a new t settings.		
Database host	localhost		
Database name	moodle		
Database user	root		
Database password	cUmt72hnsfPHuGAx!		
Tables prefix	mdl_		
Database port	3306		
	« Previous Next »		
	fnoodle		

- Start Installation



- Server checks (your server have to pass all requirements), click Continue and Continue



Final configuration.

- Create Moodle Admin Account

A localhost / localhost phpMy × fn Installation ×	<u> </u>
← → C	☆ =
▼ General	*
Username*	
Choose an authentication method ⑦ Manual accounts	
The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s), at least 1 non-alphanumeric character(s) New password* ⑦ Unmask	÷
Force password change ⑦	
First name*	
Admin	
Surname*	
User	*

- New settings - Front page settings

Icalhost / localhost phpMy/ ×	n Installation ×	<u> </u>
← → C 🗋 localhost/mod	dle/admin/upgradesettings.php?return=site	☆ =
Installation		
New settings -	Front page settings	
Full site name ^{fullname}		
Short name for site (eg single word) shortname		
Front page summary		
		-

Settings within Moodle

Set your smtp server and authentication if required.

→ C D localhost/moodle/	admin/settings.php?section=me	ssagesettingemail සි	1
Ioh English (en) -		You are logged in as Admin User (Log out))
Location	smtpmaxbulk	Maximum number of messages sent per SMTP session. Grouping messages	
Language		may speed up the sending of emails. Values lower than 2 force creation of new	
 Plugins 		SMTP session for each email.	
🏶 Install plugins			
Plugins overview	No-reply address	noreply@localhost Default: noreply@localhost	
Activity modules	noreplyaddress		
Admin tools		Emails are sometimes sent out on behalf of a user (eg forum posts). The email	
Authentication		address you specify here will be used as the "From" address in those cases when the recipients should not be able to reply directly to the user (eq when a	
Blocks		user chooses to keep their address private).	
Caching			
Course formats	Always send email from the no-	Default: No	
Enrolments	reply address?	If enabled, all email will be sent using the no-reply address as the "from"	
Filters	emailonlyfromnoreplyaddress	address. This can be used to stop anti-spoofing controls in external mail	
Licences		systems blocking emails.	
Local plugins			
Logging	Character set	UTF-8 • Default: UTF-8	
 Message outputs 	sitemailcharset	This setting specifies the default charset for all emails sent from the site.	
🍄 Manage message		This setting specifies the delaut charset for all emails sent from the site.	
outputs	Allow user to select character	Default: No	
🏶 Default message	set	If enabled, users can choose an email charset in their profile settings.	
outputs	allowusermailcharset	,	
🍄 Email			
🏶 Jabber message	Allow attachments	Default: Yes If anabled, amails cant from the site can have attachments, such as hadres	
Question behaviours	allowattachments	If enabled, emails sent from the site can have attachments, such as badges.	
Question types	Newline characters in mail	LF Default LE	
Reports	mailnewline	LF • Default: LF	
Repositories		Newline characters used in mail messages. CRLF is required according to RFC	

Location and time zones.

To update your location and to set your default country, we need to access the location settings page

Site administration >Location >Location Settings

	: Administration: Location ×	
← → C □ localhost/moodle/a	admin/settings.php?section=loca	ationsettings
	forcetimezone	Default: Users can choose their own timezone You can allow users to individually select their timezone, or force a timezone for
ADMINISTRATION		everyone.
My profile settings	Default country	Choose Default: Choose
 Site administration Notifications Registration 	country	If you set a country here, then this country will be selected by default on new user accounts. To force users to choose a country, just leave this unset.
Advanced features Users Courses Grades	Default city defaultcity	Default: Empty A city entered here will be the default city when creating new user accounts.
 Badges Location Location settings 	IP address lookup	nline NetGeo (The Internet Geographic Database) server to lookup location of IP
 Update timezones Language Plugins Security 	by detault Modole uses the free online fretceo (i the interfact Geographic Database) server to look addresses, unfortunately this database is not maintained anymore and may return wildly incorrect recommended to install local copy of free GeoLite City database from MaxMind. IP address location is displayed on simple map or using Google Maps. Please note that you need the Google account and apply for free Google Maps API key to enable interactive maps.	
 ▶ Appearance ▶ Front page ▶ Server ▶ Reports ▶ Development ☆ Assignment upgrade helper 	GeoIP city data file geophie	C:\Apache24\moodledata/geoip/GeoLiteCity.dat Default: C:\Apache24\moodledata/geoip/GeoLiteCity.dat Location of GeoIP City binary data file. This file is not part of Moodle distribution and must be obtained separately from MaxMind. You can either buy a commercial version or use the free version. Simply download http://geolite.maxmind.com/download/geoip/datbase/GeoLiteCity.dat.gz and extract it into "C:\Apache24\moodledata/geoip/" directory on your server.
7start 👪 🕢 🚞 🧿	1 📝 🔍 🥥	* 🕞 💬 🔂 10:58 PM 8/16/2014

Add languages.

To add new language

- Go to http://download.moodle.org/langpack/2.7/
- Download your needed languages
- Open the zip file and extract to C:\Apache24\moodledata\lang.

Edit Moodle languages.

Using Language customization and notepad++.

localhost / localhost phpMy. ×	fn Moh	n: Administration: Langua 🗙 🦲		
← → C 🗋 localhost/m	noodle/	admin/tool/customlang/index.php?ln	ig=ar	☆ =
Moh English (en) -			You are logged in	n as Admin User (Log out)
Ministry of I		Language > Language customisation		Blocks editing on
NAVIGATION	- 6	Language custom	isation	
 My home Site pages My profile Courses 		(ar) عربي	Open language pack for editing	
ADMIN BOOKMARKS Bookmark this page	- <			
ADMINISTRATION My profile settings	- <			
 Site administration Notifications Registration Advanced features Users 				
🤋 Start 🛃 🔝 🚞		1 👔 📝 🔍 🥥 👘		♠ P @ 0 11:01 PM 8/16/2014

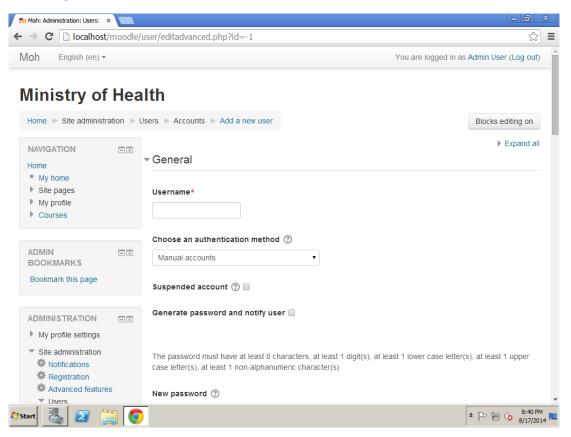
Translate module.

We need to make copy for the default language (English) and move it to the language folder C:\moodledata\lang\ar and edit it using any text editor (notepad++).

Create and manage user accounts

Manual.

An administrator or manager (or any other user with the capability moodle/user:create) can create new user accounts in Settings > Site administration > Users > Accounts > Add a new user.



<u>Username</u>

The user will use this username to log in to the Moodle instance. It needs to be unique. This may be changed. A user's name can only contain alphabetical letters in lowercase, numbers, hyphen '-', underscore '_', period '.', or an at character '@' - unless you enable 'Allow extended characters in usernames' (Site Administration > Security > Site Policies)

Authentication method

Accounts created by an administrator use the Manual Accounts method, and accounts created by the user themselves using the email sign-up method use the E-mail based self-registration method.

Suspended account

Suspended user accounts cannot login and any outgoing messages are discarded.

Generate password and notify user

Moodle will generate a temporary password and email the user with instructions on how to log in and change it. The email message may be changed in Site administration>Administration>Language>Language settings. Select 'moodle.php' and the string identifier newusernewpasswordtext.

	Show	strings of these o	components	core access.php admin.php auth.php backup.php badges.php	, , , , , , , , , , , , , , , , , , ,		
		Cust	omised only				
			Help only				
		Μ	lodified only				
		Only string	s containing				
		Stri	ng identifier	newusernewpasswordtext	t		
				Show strings			
			Apply chang	ges and continue editing	Save changes to the language pack		
Component	String	Standard text					Local customisation
core	newusernewpasswordtext	word. Your curr assword when y as a blue link w	rent login info you login for t hich you can	rmation is now: username: the first time) To start using just click on. If that doesn' from the '{\$a->sitename}' a	or you at '{\$a->sitename}' and you have I {\$a->username} password: {\$a->newpa g '{\$a->sitename}', login at {\$a->link} In r t work, then cut and paste the address in administrator, {\$a->signoff}	ssword} (you will have to change your p nost mail programs, this should appear	
Component core	-	Hi {\$a->firstnan word. Your curr assword when y as a blue link w	ne}, A new ac ent login info you login for f hich you can	rmation is now: username: the first time) To start using just click on. If that doesn' from the '{\$a->sitename}' a	{\$a->username} password: {\$a->newpa g '{\$a->sitename}', login at {\$a->link} In r t work, then cut and paste the address ir	ssword} (you will have to change your p nost mail programs, this should appear	

Password

This is the user's password. It is subject to the password policy in Site policies. A user can change their password by the Settings block > My Profile settings > Change password link.

First Name

The user's first name. It is displayed along with the last name in messages, forum posts, participants list, reports and anywhere where something about the user is shows on the page.

<u>Surname</u>

The user's surname. It is displayed along with the first name in messages, forum posts, participants list, reports and anywhere where something about the user is shows on the page.

Email address

Password reset notices, forum digests and other messages are sent to this email address from the Moodle site.

Email display

This setting control who can see the user's email address.

Email based self-registration.

The email-based self-registration authentication method enables users to create their own accounts via the 'Create new account' button on the login page. They then receive an email at the address they specified in their account profile to confirm their account.

Ministry of Health: Log in to X Ministry of Health: Log in to the site	
← → C [] localhost/moodle/login/index.php	公 2
Moh English (en) -	You are not logged in.
Ministry of Health	
Home Log in to the site	
Log in	Is this your first time here?
UsernameLog in PasswordLog in @ Remember username Forgotten your username or password? Cookies must be enabled in your browser ⑦ Some courses may allow guest access Log in as a guest	 Hi! For full access to courses you'll need to take a minute to create a new account for yourself on this web site. Each of the individual courses may also have a one-time "enrolment key", which you won't need until later. Here are the steps: 1. Fill out the New Account form with your details. 2. An email will be immediately sent to your email address. 3. Read your email, and click on the web link it contains. 4. Your account will be confirmed and you will be logged in. 5. Now, select the course you want to participate in. 6. If you are prompted for an "enrolment key" - use the one that your teacher has given you. This will "enrol" you in the course. 7. You can now access the full course. From now on you will only need to enter your personal username and password (in the form on this page) to log in and access any course you have enrolled in.
	Create new account
start 🛃 🕢 🚞 💽 🖭	* 🕞 😭 🚺 11:04 PM 8/17/201

Enabling email-based self-registration

An administrator can enable email-based self-registration in Settings > Site administration > Plugins > Authentication > Manage authentication.

In addition to enabling the plugin, email-based self-registration must be selected from the self-registration drop-down menu in the common settings.

Warning: Enabling self-registration results in the possibility of spammers creating accounts in order to use forum posts, blog entries etc. for spam. This risk can be minimized by limiting self-registration to particular email domains with the allowed email domains setting in Settings > Site administration > Plugins> Authentication > Manage authentication. Alternatively, self-registration may be enabled for a short period of time to allow users to create accounts, and then later disabled.

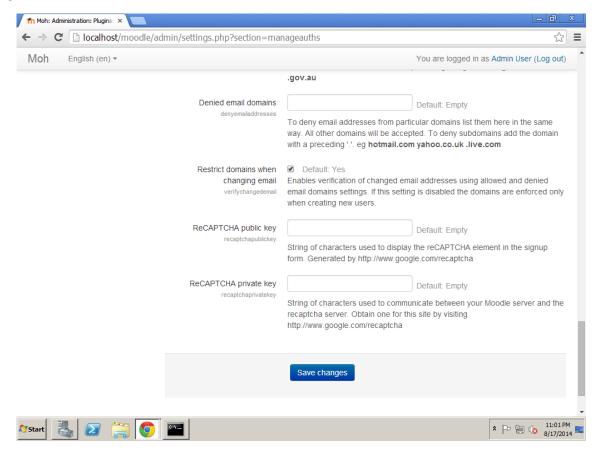
Note: The Email-based self-registration authentication plugin must be enabled to allow users who previously self-registered to login. Selecting Email-based self-registration as the self-registration method allows potential users to self-register.

Enable reCAPTCHA element

A CAPTCHA is a program that can tell whether its user is a human or a computer. CAPTCHAs are used by many websites to prevent abuse from bots, or automated programs usually written to generate spam. No computer program can read distorted text as well as humans can, so bots cannot navigate sites protected by CAPTCHAs.

Spam protection may be added to the email-based self-registration new account form with a CAPTCHA element - a challenge-response test used to determine whether the user is human.

In addition to enabling the reCAPTCHA element, email-based self-registration should be set as the self-registration authentication plugin and reCAPTCHA keys should be set in the manage authentication common settings.



Uploading a csv file with user data.

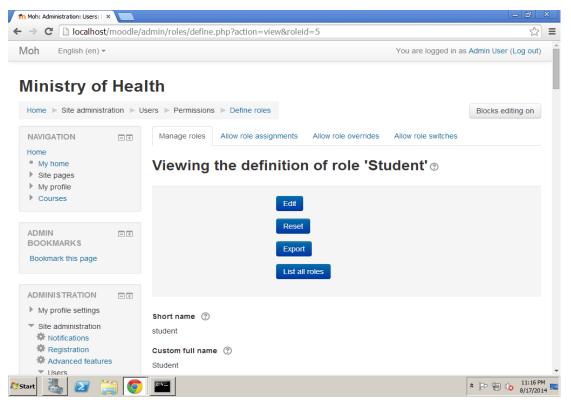
An administrator can upload multiple user accounts via text file in Settings > Site administration > Users > Accounts > Upload users.

username, password, firstname, lastname, email

- Password field: "password" field is optional if "Create password if needed" setting is chosen (default).
- If included, values should meet the requirements for the site's Password policy. To force password change for a particular user, set the password field to changeme.
- If omitted, a password will be generated for each user (during the next Cron job) and welcome e-mails sent out.

Assign and adapt permissions using the roles system.

Managing overall role capabilities can be done by an administrator using Administration > Site administration > Users > Permissions > Define roles. This is the place to add custom roles or modify existing roles. The "Manage roles" tab, allows the system administrator to edit any one of over 350 different capabilities associated with any role. The "Allow role assignments", "Allow role overrides" and "Allow role switches" contain a matrix, which give the ability for a specific role to work with other specific roles.



Standard roles

- Site administrator can "do everything" on the site
- Manager a lesser administrator role
- Course creator can create courses
- Teacher can manage and add content to courses
- Non-editing teacher can grade in courses but not edit them
- Student can access and participate in courses
- Guest can view courses but not participate
- Authenticated user the role all logged in users have
- Authenticated user on the front page role a logged in user role for the front page only

Moodle Security and Site policies

Upload size.

Upload file sizes are restricted in a number of ways and each one in this list restricts the following ones:

- Server level
- Moodle site level
- Course level
- Activity level

	, , ,	policies 🛣
oh English (en) 🔻		You are logged in as Admin User (Log out)
Grades		Guest. In addition, people coming in to your site via a Google search will
Badges		automatically be logged in as a Guest. Note that this only provides transparent
Location		access to courses that already allow guest access.
Language		
Plugins	Profile visible roles	Manager
 Security 	profileroles	Course creator
P blocker		Teacher
Site policies		Non-editing teacher
HTTP security		Student
Notifications		Guest
		Authenticated user
Anti-Virus		Authenticated user on frontpage Default: Teacher, Non-editing teacher, Student
Appearance		List of roles that are visible on user profiles and participation page.
Front page		List of roles that are visible of user profiles and participation page.
Server	Maximum uploaded file size	Site upload limit (2MB)
Reports	maximum upioaded me size	Site upload limit (2MB) Default: Site upload limit (2MB)
Development	maxoytos	This specifies a maximum size that uploaded files can be throughout the whole
🏶 Assignment upgrade		site. This setting is limited by the PHP settings post_max_size and
helper		upload_max_filesize, as well as the Apache setting LimitRequestBody. In turn,
		maxbytes limits the range of sizes that can be chosen at course level or module
		level. If 'Server Limit' is chosen, the server maximum allowed by the server will
Search		be used.
	User quota	104857600 Default: 104857600
	userquota	The maximum number of bytes that a user can store in their own private file
		area. 104857600 bytes == 100MB
	Allow EMBED and OBJECT	Default: No

Password police.

The password policy includes option to set the minimum length of the password, the minimum number of digits, the minimum number of lower-case characters, the minimum number of upper-case characters and the minimum number of non alphanumeric characters.

The password policy is enabled by default. Default (recommended) settings are:

- Password length 8
- Digits 1
- Lowercase letters 1
- Uppercase letters 1
- Non-alphanumeric characters 1

If a user enters a password that does not meet the requirements, they are given an error message indicating the nature of the problem with the entered password.

Enabling the password policy does not affect existing users until they decide to or are required to change their password. An admin can force all users to change their password using the force password change option in Bulk user actions. The bulk user actions feature in Administration > Site administration > Users > Accounts > Bulk user actions enables administrators to select users by creating a filter and then perform any of the following actions:

- Confirm user accounts created through Email-based self-registration which are not yet confirmed by the user
- Send a message (requires Messaging to be enabled)
- Delete user accounts
- Display a list of users on a page
- Download user data in text, ODS or Excel file format
- Force users to change their passwords

My profile		contains 🔻	
Courses		Add filter	
ADMIN BOOKMARKS	- <	Show more	
Bookmark this page		▼ Users in list	
		Users 🕐	
ADMINISTRATION	- <	Available All users (1) * Selected No users selected *	
My profile settings		Admin User	
 Site administration Notifications Registration Advanced features Users Accounts Browse list of users Bulk user 			
actions		v v	
🕸 Add a new us 🏶 User profile fi			
 Cohorts Upload users Upload user pictures Permissions 		Choose Confirm Send a message Delete Display on page Download Force password change Add to cohort	
Courses		Choose Go	
Grades		· · · · · ·	

Moodle interface

Select theme.

You may select different themes depending upon the device that will be viewing Moodle. For example, you might have one theme for computers with monitors and another for mobile phones and another for tablets.

- Log in as admin and go to Administration > Site administration > Appearance > Themes > Theme Selector
- Click on "Clear theme caches" button
- Click on the "Select theme" button on the right of the current theme being used for the device

- Scroll down to find the theme you wish to use
- Click the "Use theme" button next to that theme
- Moodle will tell you it has been saved as the default theme
- Check your Moodle site by going to the Moodle site's home page
- You may have to refresh your browser to see the new theme

Add new theme.

A new theme can be installed in the same way as any other plugin.

Customize front page.

In this page you can add the full site name, the short name and summary for your Moodle site.

1 Moh: Administration: Front p 🗙 🦲			3
← → C 🗋 localhost/moodle	e/admin/settings.php?section=from	tpagesettings 🖒	≡
Moh English (en) -		You are logged in as Admin User (Log out)	^
nomo > nom pago comigo >	Lan ooningo	blocks caking on	Ĩ.
NAVIGATION IC	Front page setti	ngs	
My homeSite pages	Full site name fullname	Ministry of Health	
 My profile Courses 	Short name for site (eg single word) shortname	Moh	
ADMIN IN IN ADMIN ADMIN IN ADMIN IN ADMIN IN ADMIN IN ADMININAL ADMINISTRATING ADMINISTRATINA ADMINISTRATING ADMINISTRATING ADMINISTRATINA AD	Front page summary summary		
ADMINISTRATION			
Filters Filters Backup			
Question bank			
My profile settings		This summary can be displayed on the front page using the course/site	-
🍂 Start 🛃 🛛 😭		* 🕞 😭 🕼 12:31 AM 8/18/2014	

Add any additional plug-in

Installing a plugin

To install a plugin, its source code must be put (deployed) into the appropriate location inside the Moodle installation directory and the main administration page Administration > Site administration > Notifications must be visited. There are three ways how the plugin code can be deployed into Moodle.

Plugin code may be deployed from within Moodle, either directly from the Moodle plugins directory or by uploading a ZIP file. The web server process has to have write access to the plugin type folder where the new plugin is to be installed in order to use either of these methods.

Alternatively, a plugin may be deployed manually at the server.

Installing directly from the Moodle plugins directory

Login as an admin and go to Administration > Site administration > Plugins > Install plugins.

Click the button 'Install plugins from Moodle plugins directory'.

Search for a plugin with an Install button, click the Install button then click Continue.

Check that you obtain a 'Validation passed!' message, then click the button 'Install plugin'.

Installing via uploaded ZIP file

Go to the <u>Moodle plugins directory</u>, select your current Moodle version, then choose a plugin with a Download button and download the ZIP file.

Login to your Moodle site as an admin and go to Administration > Site administration > Plugins > Install plugins.

Upload the ZIP file, select the appropriate plugin type, tick the acknowledgement checkbox, then click the button 'Install plugin from the ZIP file'.

Installing via FTP

Go to the <u>Moodle plugins directory</u>, select your current Moodle version, then choose a plugin with a Download button and download the ZIP file.

Upload the ZIP file, using FTP extract it and click on Site administration > Notifications.

Check plug-in compatibility.

You have to check plug-in version and obtain a 'Validation passed!' message, then click the button 'Install plugin'.

Add needed module (e.g. questionnaire).

To add new Moodle module, you need to follow the following steps:

You need to login using admin user

• Go to Site administration> Plugins> Install plugins

Plugin insta	aller
	Install plugins from the Moodle plugins directory
- Install plugin f	rom ZIP file 💿
Plugin type* 🕐	Choose
	Make sure the plugin type root location is writable by the web server process.
ZIP package* 🕐	Choose a file
	You can drag and drop files here to add them.
Acknowledgement	I understand that it is my responsibility to have full backups of this site prior to installing additional plugins. I accept and understand that plugins (especially but not only those originating in
	unofficial sources) may contain security holes, can make the site unavailable, or cause private data leaks or loss.

• Now you can install any plugin using Plugin installer or you can choose plugin type

Plugin type* 🕐	Activity module (mod)	•
	Choose	*
	Activity module (mod)	
	Assignment / Submission plugin (assignsubmission) Assignment / Feedback plugin (assignfeedback)	

• Upload the ZIP package

File picker				
Th Server files				
n Recent files				
🖎 Upload a file				
 Private files Wikimedia 	Attachment Save as Author Choose license	Choose File mod_questio4070401.zip [mod_questionnaire_moodle27_2014070401.zip Admin User All rights reserved		
		Upload this file		

• Check the Acknowledgement

Acknowledgement
 I understand that it is my responsibility to have full backups of this site prior to installing
 additional plugins. I accept and understand that plugins (especially but not only those originating in unofficial sources) may contain security holes, can make the site unavailable, or cause private data leaks or loss.

• Click on Install plugin from the ZIP file button

	Install plugin from the ZIP file		
Create first Moodle co	ourse		

To create your first course:

- Login to Moodle using admin account or course creator
- Go to Site administration> Courses> Manage courses and categories> Add a new course

Add a new course			
General			
Course full name*			
Course short name*			
Course category ③	Miscellaneous •		
Visible ②	Show •		
Course start date ⑦	7 • September • 2014 •		
Course ID number			
	Save changes Cancel		
	There are required fields in this form marked * .		

- Fill all the required fields which marked *, and click Save changes button.

Enroll users (Facilitators and trainee).

After we save the changes, Moodle redirect us to new page which we can enroll the users and give them the right roles

Enrolled users		
		Enrol users
Search Enrolment methods All	Role All	Status All Filter Reset
First name / Surname 🌥 / Email address Last access	Roles	Groups Enrolment methods
		Enrol users

Add Activities\Resource.

To add an activity to Moodle course

• Make sure that your course in editing mode (Turn editing on).

NAVIGATION	+ <	SEARCH FORUMS
	$\div \circ_{\circ}^{\circ}$	⊕ Ø ₀ ⁶
ADMINISTRATION	-⊂ + ≪	Go Advanced search (?)
 Course administration Turn editing off 	• ••	LATEST NEWS
 Activity chooser off Edit settings Users Filters 		Add a new topic (No news has been posted yet)

. .

• Within the required Week or Topic Block click Add and Activity or Resource link.

¹ 14 September - 20 September	۲
0	
+ Add an activity o	r resource

• In the Add an activity or resource dialogue box that appears, select the needed Activity\Resource and click Add.



Server settings

We can access all the list below from Administration > Site administration > Server

System paths

An administrator can set the system paths like aspell which use to spell-checking within the editor.

System pa	ths					
Path to du	/usr/bin/du	✓ Default: Empty				
pathtodu	Path to du. Probably something like /usr/bin/du. If you enter this, pages that display directory contents will run much faster for directories with a lot of files.					
Path to aspell aspellpath	/usr/bin/aspell To use spell-checking within the edito	✓ Default: Empty r, you MUST have aspell 0.50 or later installed on your server, and				
	you must specify the correct path to a /usr/bin/aspell, but it might be somet	access the aspell binary. On Unix/Linux systems, this path is usually hing else.				
Path to dot	/usr/bin/dot	✓ Default: Empty				
pathtodot	, , ,	/usr/bin/dot. To be able to generate graphics from DOT files, you le and point to it here. Note that, for now, this only used by the filing) built into Moodle.				

Session handling

The admin user can set the timeout for the idle users and automatically logged them out.

Session handling					
Use database for session information dbsessions	Default: No If enabled, this setting will use the database to store information about current sessions. Note that changing this setting now will log out all current users (including you). If you are using MySQL please make sure that 'max_allowed_packet' in my.cnf (or my.ini) is at least 4M. Other session drivers can be configured directly in config.php, see config-dist.php for more information. This option disappears if you specify session driver in config.php file.				
Timeout sessiontimeout	2 hours • Default: 2 hours If people logged in to this site are idle for a long time (without loading pages) then they are automatically logged out (their session is ended). This variable specifies how long this time should be.				

HTTP

We can set the proxy server on this page to be connecting with Internet

Web proxy		
	our Moodle server can not access internet directly. Internet access is required f ge packs, RSS feeds, timezones, etc. <i>hly recommended.</i>	for download of
Proxy host	Default: Empty	
proxyhost	If this server needs to use a proxy computer (eg a firewall) to access the interr hostname here. Otherwise leave it blank.	net, then provide the proxy
Proxy port proxyport	Default: 0 If this server needs to use a proxy computer, then provide the proxy port here	e.
Proxy type proxytype	HTTP • Default: HTTP Type of web proxy (PHP5 and cURL extension required for SOCKS5 support).	
Proxy username	Default: Empty	
	Save changes	(PHP cURL extension

Maintenance mode

In this page we can leave a message to the users which describe that the server in maintenance mode, and only the user admin can access to the system to make any needed configuration

Maintenance	e mode
Maintenance mode maintenance_enabled	Disable Default: Disable For upgrades and other work
Optional maintenance meintenance_message	Paragraph V B I III S S S E E Path: p

Cleanup

The admin user can set up the cleanup function like delete incomplete user after 7 days.

Cleanup	
Delete not fully setup users after deleteunconfirmed	7 days Default: 7 days If you are using email authentication, this is the period within which a response will be accepted from users. After this period, old unconfirmed accounts are deleted.
Delete incomplete users after deleteincompleteusers	Never Default: Never After this period, old not fully setup accounts are deleted.
Disable grade history disablegradehistory	Default: No Disable history tracking of changes in grades related tables. This may speed up the server a little and conserve space in database.
Grade history lifetime gradehistorylifetime	Never delete history Default: Never delete history This specifies the length of time you want to keep history of changes in grade related tables. It is recommended to keep it as long as possible. If you experience performance problems or have limited database space, to to est lower value.
	Save changes

Environment

In this server link we recheck all needed packages which Moodle need

Lineck now your	server suits current and future inst	allation requirements	
Moodle version	2.7.1+ (Build: 20140821) •		
Server c			
Name	Information	Report	Statu
moodle		Oversion 2.2 is required and you are running 2.7.1+ (Build: 20140821)	ОК
unicode		Omust be installed and enabled	ОК
database	mysql (5.5.38-0ubuntu0.12.04.1)	Oversion 5.5.31 is required and you are running 5.5.38.0.0.12.04.1	OK
Garabase		Oversion 5.4.4 is required and you are running 5.5.15.4.1	ОК
php			
		Should be installed and enabled for best results	OK]
php	iconv	Should be installed and enabled for best results Omust be installed and enabled	OK OK

Scheduled tasks

In this server link you can manage a task to done automatically

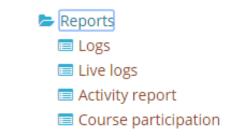
Name	Component	Edit	Last run	run	Minute	Hour	Day	week	Month	delay	Defaul
Legacy log table cleanup \logstore_legacy\task\cleanup_task	Legacy log	٥	Saturday, 23 August 2014, 9:57 PM	ASAP	*	5	*	*	*	0	Yes
Log table cleanup \logstore_standard\task\cleanup_task	Standard log	\$	Saturday, 23 August 2014, 9:57 PM	ASAP	*	4	*	*	*	0	Yes

Moodle reports

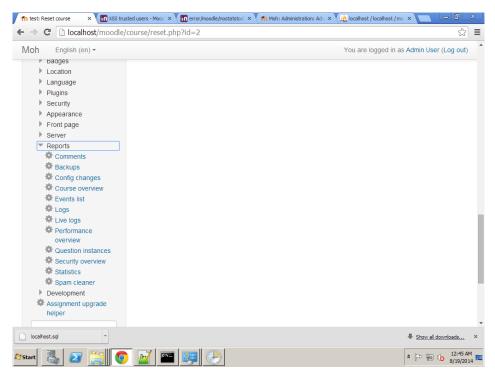
Default report.

Course reports

You can access this report from Course Administration > Report



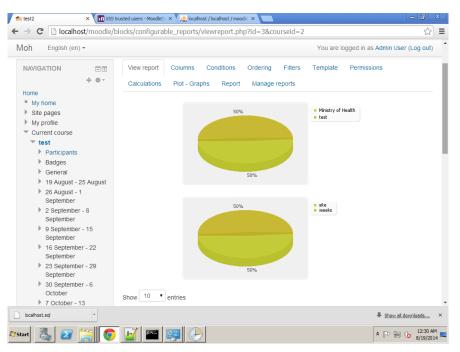
Site-wide reports



You can access this reports from Site Administration> Reports

Add Moodle custom reports builder.

In this block you can create custom reports without SQL knowledge.



Moodle backup and restore

Course backup

Course backup

To backup a course

- Go to Administration > Course administration > Backup
- Initial settings Select activities, blocks, filters and other items as required then click the Next button. Users with appropriate permissions, such as administrators and managers, can choose whether to include users, anonymize user information, or include user role assignments, user files, comments, user completion details, course logs and grade history in the backup.

	backup/backup.php?id=2	<u>。</u>
Aoh English (en) ▼	ouo - toot - Duonup	You are logged in as Admin User (Log out)
	1. Initial settings ► 2. Schema setting	s ► 3. Confirmation and review ► 4. Perform backup ► 5. Complete
NAVIGATION ⊡ ⊕ ⊕ .	Backup settings	
Home		
My home	IMS Common Cartridge 1.1	
Site pages	include enrolled users	•
My profile	include enrolled users	e.
 Current course 	Anonymize user information	
▼ test		
Participants	Include user role assignments	I
 Badges General 	Include activities	
I9 August - 25 August		
26 August - 1	Include blocks	•
September	Include filters	•
2 September - 8		
September	Include comments	
9 September - 15 September	Include badges	•
16 September - 22	include badges	
September	Include calendar events	•
23 September - 29		•
September	Include user completion details	a.
30 September - 6 October	Include course logs	
7 October - 13		
October	Include grade history	

• Schema settings - Select/deselect specific items to include in backup, then click the Next button.

C localhost/moodle/bac	kup/backup.php			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
h English (en) ▼		You a	are logged in a	as Admin User (Log out
ome				
My home	Select	All / None (Show type options)		
Site pages				
My profile	Select	All / None		
 Current course 				
▼ test				-
Participants	General	v	User data	A
Badges	News forum 🔚			•
General	News for diff and			
19 August - 25 August				
26 August - 1		_		_
September	19 August - 25 August	\$	User data	*
2 September - 8				
September				
9 September - 15	26 August - 1 September	×	User data	
September 16 September - 22				
September - 22 September				
23 September - 29	2 September - 8 September	I	User data	4
September				
30 September - 6				
October	9 September - 15 September	4	User data	*
7 October - 13				
October				
14 October - 20	16 September - 22 September	V	User data	1
October				
21 October - 27				
October	23 September - 29 September	7	User data	•

- If desired, select specific types of activity to be backed up by clicking the link 'Show type options'
- Confirmation and review Check that everything is as required, using the Previous button if necessary, otherwise click the 'Perform backup' button
- Complete Click the Continue button

Automated backup setup.

A site administrator can configure a schedule for automated course backups in Settings > Site administration > Courses > Backups > Automated backup setup.

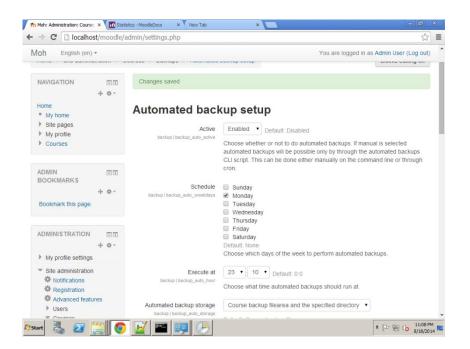
Automated course backups runs the same functions as individual course backups. It's a good idea to schedule backups for when your server isn't usually busy. Running the backup tool over all the courses can be processor-intensive, so you shouldn't run it when there are a lot of students trying to access the server. You should always alert users with an announcement on the first page that if they log on during the backup hours they may notice a decrease in performance.

Setting an automated course backup schedule

To set the backup schedule:

- Go to Settings > Site administration > > Courses > Backups > Automated backup setup.
- Set backup_auto_active to enabled.
- Select the days of the week to run the backup.
- Set the execution time for the backup process. For most servers, early morning will be the best time. Keep in mind the time zone your server is using.
- Set the "Save to..." path. If you can, choose a backup path on another machine or on a different drive than the one Moodle is on. You don't want to lose your backups at the same time you lose your Moodle site if the drive fails. If you leave the field blank, then backup zip files will be saved in the backup folder of each course files folder.
- Choose whether to skip the backup of hidden courses or courses which have not been modified within a specified number of days, or not modified since the last backup .
- Click the "Save changes" button.

Once you've set up your backup schedule, Moodle will automatically create archives of all the courses on the server at the time you specified. Once the backup is complete, Moodle will send you an email describing the status of the backup.



Restore course

A course backup file (.mbz) may be restored from within any existing course for which you have permission. During the restore process, you will be given the option to restore as a new course or into an existing course.

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Site backup

Needs to be backed-up.

A Moodle system comprises three parts:

- The data stored in the database (For example, a MySQL database)
- The uploaded files (For example, site and course files uploaded via Moodle located in moodledata)
- The Moodle code (For example, everything in server/htdocs/moodle)

Creating a backup of your Moodle site.

Create database backup using command line

- Go to MySQL path (e.g. "c:\Program Files\MySQL\MySQL Server 5.5\bin").
- Run mysqldump -u username -p moodle > c:\db\moodle.sql
- Enter user password
- You need to create database backup with phpMyAdmin
 - o Login to phpMyAdmin with root user
 - o Go to Export tab
 - o Select Custom display all possible options form export method
 - Select Moodle database
 - Make sure that a database backup uses the correct character encoding UTF-8.
 - Scroll down and click Go

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- Also you need to zip moodledata directory and Moodle code.
- Move all these files to another machine.

Site restore.

Restore database backup using command line

- Go to MySQL path (e.g. "c:\Program Files\MySQL\MySQL Server 5.5\bin").
- Run mysql -u username -p moodle_new_database < c:\db\moodle.sql
- Enter user password
- Restoring a backup of a MySql database with phpMyAdmin
 - Create new database

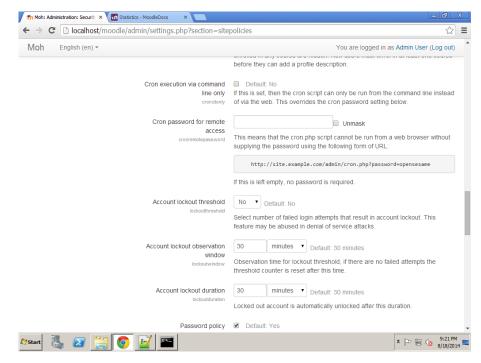
- $\circ \quad \text{Select the new database} \\$
- o Click the import tab
- Browse to your backup of the database.
- $\circ \quad \text{Click Go}$

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mdl_assignfeedback_comn mdl_assignfeedback_editpd	Browse your computer: Choose File No file chosen (Max: 8, 192KiB)
<pre>mal_sougheedbackdttp: mdl_assignfeedback_editp: mdl_assignfeedback_editp:</pre>	Character set of the file: utf-8
md_assigneedback_editpl	Partial Import:
mdl_assignment_submission	Allow the interruption of an import in case the script detects it is close to the PHP timeout limit. (This might be a good way to import large files, however it can break transactions.)
mdl_assignsubmission_file	Skip this number of queries (for SQL) or lines (for other formats), starting from the first one:
	Format:
mdl_assign_plugin_config mdl_assign_submission	SQL
mdl_assign_user_flags mdl_assign_user_mapping	Format-Specific Options:
mdl_backup_controllers mdl_backup_courses	SQL compatibility mode: NONE
localhost.sql	Show all downloads ×
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- Unzip moodledata directory, move it the right place and make sure that apache have a read/write permission.
- Unzip Moodle code, move it inside webserver directory (e.g. htdocs).

Using Moodle Cron

Moodle has two settings where the site administrator can have some control of how the Moodle cron process is triggered. This is done from the Site Policies link.



Cron from Command Line Interface only

The cron cli only setting will stop the browser URL Moodle cron process trigger. For example, the site administrator or others running http://demo.moodle.net/admin/cron.php from their web browser.

Cron password

The cron process can be protected by a password with the cronremotepassword setting.

Cron with Windows OS

There are two different ways for creating a Moodle Cron process trigger on Windows operating systems.

Moodle cron package

Use the Moodle Cron package. The simplest way is to use this little package MoodleCron-Setup.exe, which makes this whole thing very easy by installing a small Windows service.

php scheduled task

Choose either the php.exe/php-win.exe (command line binary)

The php.exe or php-win.exe binary (for PHP version 5 or later) is installed in your php folder (e.g. c:\php) will give you better performance when running the cron script.

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c:\php\php-win.exe -f C:\Apache24\htdocs\moodle\admin\cli\cron.php

Logging cron output

c:\php\php.exe -f C:\Apache24\htdocs\moodle\admin\cli\cron.php > C:\Apache24\htdocs\moodle\admin\cron.log

Register with Moodle.org

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Ministry o	f Hea	lth			
Home ► Site adminis			Blocks editing off		
NAVIGATION	-<	Register with Moodle.org			
Home My home Site pages My profile Courses		 When you register your site with Moodle.org You are added to a low-volume mailing list for important notifications suc of Moodle. Statistics about your site will be added to the statistics of the worldwide N Your site is also registered with Moodle.net (Moodle.net), allowing users default only managers) the option of publishing courses to Moodle.net. 	loodle community.		
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An administrator can register their site with moodle.org. To register your site:

- Go to Administration > Site Administration > Registration
- Click the 'Register with moodle.org now' button
- Review the registration information, amending as necessary
- Click the 'Update registration on moodle.org' button at the bottom of the page

When you register your site with Moodle.org

- You are added to a low-volume mailing list for important notifications such as security alerts and new releases of Moodle
- Statistics about your site will be added to the statistics of the worldwide Moodle community <u>http://moodle.org/stats/</u>
- Your site is also registered with <u>Moodle.net</u>, allowing users with the publish courses capability (by default only managers) the option of publishing courses to Moodle.net

* If you wish, you can choose for your site to be listed in http://moodle.org/sites/