

Zoola Technical Requirements

Technical Requirements

Updated October 2020

Introduction

Before starting the integration of Zoola Analytics with your LMS please ensure that your installation meets the following requirements:

- Moodle/Totara database **must** be accessible to the internet.
- Your LMS installation meets or exceeds the recommended technical requirements outlined in the below document.

Browser Requirements

Browser	Minimum Version	Recommended Version
Google Chrome	83.0	86.X
Mozilla Firefox	77.0	81.X
Apple Safari	11.1	13.X
Microsoft Edge	44.0	86.X

Learning Management System (LMS) Version Requirements

Browser	Minimum Version	Recommended Version
Moodle	3.5.0	3.9.X
Totara	9.X	12.X

Learning Record Store (LRS) Version Requirements

Browser	Minimum Version	Recommended Version
Learning Locker	2.0.X	2.0.X

PHP Version Requirements

Browser	Minimum Version	Recommended Version
PHP for Moodle	7.0.X	7.2.X
PHP for Totara	7.0.X	7.2.X

OS Package Requirements

Installation Steps

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Installing Zoola Analytics

1. Whitelist Zoola Analytics IP Addresses

2. Enable Remote Connections to the LMS database

SSL Certificates

3. Grant Database Access to Zoola User

Optional - Enabling a Database Read Replica

PostgreSQL Specific Connection Information

4.1. Zoola Connection


4.2. Zoola Analytics Plugins

Useful Information

Installation Cheat Sheet

OS Package	Minimum Version	Recommended Version
curl	7.19.7	7.62.0
openssl	1.0.2	1.1.1
nss	3.28.4	3.38

Database Requirements



When granting Zoola an account for database access, it is **strongly recommended** that the access provided is to a replica database (as opposed to direct access to your production database). This replica database can be a backup, if you choose.

Note that if you opt to instead provide access to your production database, queries run against this database may negatively impact the performance of your Learning Management System. The replication frequency of this database will determine the time-based availability of your data in Zoola.

Table Prefix	Vendor & Version		
Zoola Analytics requires that each table name in your Moodle or Totara database have the following default prefix: mdl_ i.e. 'mdl_user'	Zoola Analytics requires a JDBC connection to the Moodle or Totara database.		
	Database	Minimum	Recommended
	MySQL	5.5.61	8.X
	MariaDB	5.5.61	10.4.X
	Postgres SQL	9.4.19	11.4

Database Connection Security

Zoola Analytics requires a Transport Layer Security (TLS) encrypted connection to your database. Lambda Solutions will work with you to ensure the appropriate security is in place to ensure your data remains safe.

Protocol	Minimum Version	Recommended Version
Transport Layer Security (TLS)	1.2	1.2

