

Hosting Requirements

- **Software**
 - PHP 5.4 or higher
 - MySQL 5.0 or higher
 - Apache server
 - The PHP fopen Apache module
 - The SuPHP Apache module
 - The mod_rewrite Apache module
- **Hardware** (according to the accurate website monitoring and recognize the growth rate of the users we can anticipate hardware requirements)
 - 200 GB Storage
 - 2 GB RAM (estimated based on the 50 concurrent users)
 - 4 x Core CPU
- **Operating System**
 - Linux
- **Security and Performance**
 - Web Host
 - RAID 10 or higher
 - SFTP access
 - HTTPS support, SSL certificate: does the new host offer a free SSL certificate, if not, we have to buy it and we have various options such as the below providers (links)
 - Standard SSL/1-year Price = \$175 USD(<https://www.digicert.com/buy-ssl-certificates/>)
 - Comodo SSL/ 1-year Price = €88.95 (<https://ssl.comodo.com/avoid-not-secure-warning-in-chrome.php>)
 - Firewall
 - Backups & Restore: how often the host backup their servers, what method they use and where backups are stored, is there a charge for their backup and/or restoration service?
 - Server maintenance: does the host has a published security protocol
 - Server-based
 - Create SSH keys
 - Access and User Permissions
 - File Management
 - Applications and Logins
 - Coding and Website
 - Keep platforms and scripts up-to-date
 - Install security plugins
 - Use parameterized queries (SQL injection)
 - Use CSP (cross-site scripting (XSS))
 - Make sure the passwords are secure
 - Form validation
 - Error messages
- **Unlimited bandwidth**
- **Unlimited email accounts**
- **Uptime guarantees: 99.5% or higher**
- **Possibility to upgrade the plan**