

CP3402 Weekly Practical Student Learning Journal Record

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10 / 10 / 2025

9.00am – 12.00PM

(Re-learning and doing the practical & Journaling)

Week 4: Deployment

The screenshot shows the phpMyAdmin interface for a database named 'mariaadb-cluster-2-db'. The left sidebar shows a tree view of the database structure, including tables like 'wp_comments', 'wp_options', 'wp_posts', etc. The main area displays a table structure for 'wp_comments' with columns like 'comment_id', 'comment_author', etc. Below the table structure, there are sections for 'SFTP ACCESS' and 'Database Access'. The 'SFTP ACCESS' section includes a button 'Access Files' and a note about enabling SFTP access. The 'Database Access' section includes a table with columns 'Access', 'Expires in 00:58:31 minutes', and 'Revoke'. The table contains one row with 'Username' 'user-1418586' and 'Password' 'EgWdsmJVeAeAfnqnfpaN'.

Access	Expires in 00:58:31 minutes	Revoke
Username	user-1418586	Copy
Password	EgWdsmJVeAeAfnqnfpaN	Copy

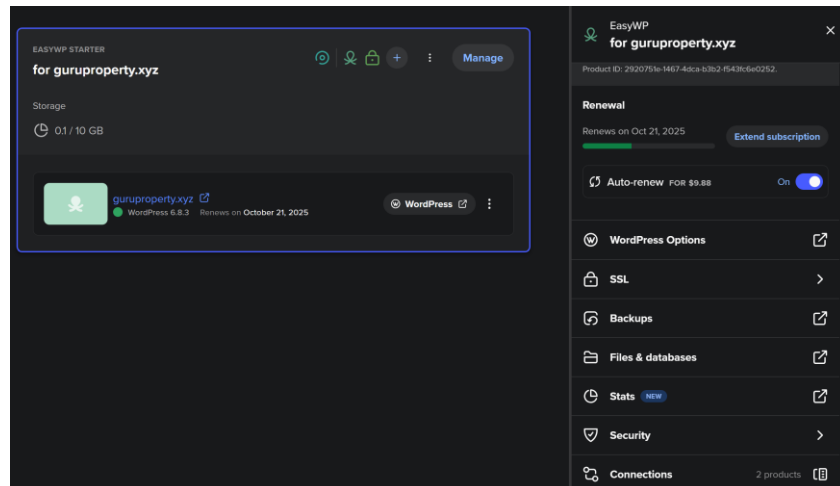
Database – Deployment

SFTP – File Access

The screenshot shows the EasyWP Manager interface. At the top, there's a navigation bar with 'All products', 'Ask All', 'Library', and 'Launchpad'. Below this, the 'EasyWP Manager' section is active. It shows a 'BASIC STARTER' for 'gurusproperty.xyz'. The storage usage is '01 / 10 GB'. Below this, there's a section for 'gurusproperty.xyz' with a 'WordPress 6.8.3' version and a 'Manage' button. The interface is dark-themed with green accents.

Wordpress - Deployment

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Management Deployment – SSL, Files, Database & Security

Learning Activities & Resources – Deployment of Wordpress:

Deploying WordPress via Spaceship (EasyWP) provides a user-friendly and efficient way to manage websites. The platform simplifies the process of deploying WordPress, making it easy even for beginners. Accessing the database through phpMyAdmin allows users to manage tables, users, posts, and configurations directly, offering greater control over the backend. File management through the web portal is intuitive, enabling quick updates and backups without needing FTP or cPanel. This integration streamlines website administration by combining hosting, database, and file access in a single interface, promoting ease of use, security, and fast website performance for WordPress-based projects.

Practical:

Using the Spaceship panel, managing a WordPress website becomes straightforward and user-friendly. It provides easy access to essential components such as the database, files, and domain settings, all from a single dashboard. The built-in phpMyAdmin tool allows efficient database management, where tables like posts, users, and comments can be edited or reviewed. File access is also streamlined, making it easy to upload, update, or back up website data without the need for external tools. Domain management, including DNS settings and SSL, is simple to configure. Overall, the Spaceship panel simplifies web hosting tasks, making WordPress site administration efficient and accessible.

Resources / Links:

- Weekly Journal: <https://github.com/MarcusThum/CP3402-Marcus-Thum-Guru.git>
- Website: <https://guruproperty.xyz/>
- Hosting Platform: <https://www.spaceship.com/> (*NEW)

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	<p><u>Estimated Hours:</u> Spent 3 hours doing the practical and journaling.</p> <p><u>Content Insights:</u></p> <ul style="list-style-type: none">• HackGuardian HackGuardian scans your WordPress site for malware, vulnerabilities, and suspicious changes, helping keep your site secure.• Web Application Firewall (WAF) A WAF blocks common attacks like SQL injection, XSS, and brute-force attempts by filtering traffic before it reaches your site.• SFTP File Access SFTP offers encrypted file transfer to securely manage your website files, especially when combined with SSH keys for enhanced protection.• Database Access via phpMyAdmin phpMyAdmin provides an easy web interface to manage and troubleshoot your WordPress database safely.• Domain and SSL Managing your domain and SSL certificates through the panel ensures your site is accessible, trusted, and secure with HTTPS encryption. <p><u>Career/Employability/Learning Insights</u> Working with tools like Spaceship's EasyWP hosting, HackGuardian, WAFs, phpMyAdmin, and SFTP builds valuable skills for a career in web development and IT security. Understanding WordPress deployment, database management, secure file access, and domain/SSL configuration demonstrates proficiency in website administration and cybersecurity basics. Employers value experience with security scanners and firewalls to protect sites from attacks, alongside hands-on ability to manage files and databases safely.</p>
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Add more rows if necessary

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