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SEM Coaching #50
WordPress Security

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Introduction

- WordPress is one of the most popular open-source Content Management Systems (CMS) in the World
- Because of its popularity, it is also a favorite target platform for hackers
- It is therefore essential to adopt sound security measures to prevent your WordPress site from getting hacked
- In doing so, you will be able to not only protect your WordPress site, but also ensure your online business does not get disrupted

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WordPress Security Strategies

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WordPress Security Strategies

Strategy #1 - Username

- DO NOT use 'admin' as your WordPress username
  - Ensure you use a different Display Name from your actual username

Strategy #2 – Password

- DO NOT use an easy-to-guess WordPress password
  - Use a password generator to generate an impossible-to-guess password

Strategy #3 – Login URL

- MODIFY the default WordPress login URL from: domain.com/wp-admin to domain.com/somethingelse
  - Prevents brute force attempts on your site

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WordPress Security Strategies

Strategy #4 – User Registration

DISABLE the default WordPress user registration link (wp-signup.php)

- This prevents subscription spam on your site

Strategy #5 – Database Security

- MODIFY the wp table pre-fix from: 'wp_' to 'somethingelse'
  - This prevents hackers from modifying code on your site via SQL injection

Strategy #6 – File & Folder Permissions

- ENSURE the correct file and folder permissions are used
  - This prevents hackers from accessing and modifying file settings

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WordPress Security Strategies

Strategy #7 – Comments Form

- INSTALL a captcha to prevent comment spam

Strategy #8 – Security Plugins & Services

- INSTALL WordPress security plugins to help manage your site security and scan for malware
- Paid services offer backup and restore services, proactively monitor the health of your site and scan your site regularly for security breaches

Strategy #9 – Update WordPress Core, Theme & Plugins

- UPDATE to the latest versions regularly

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Solution

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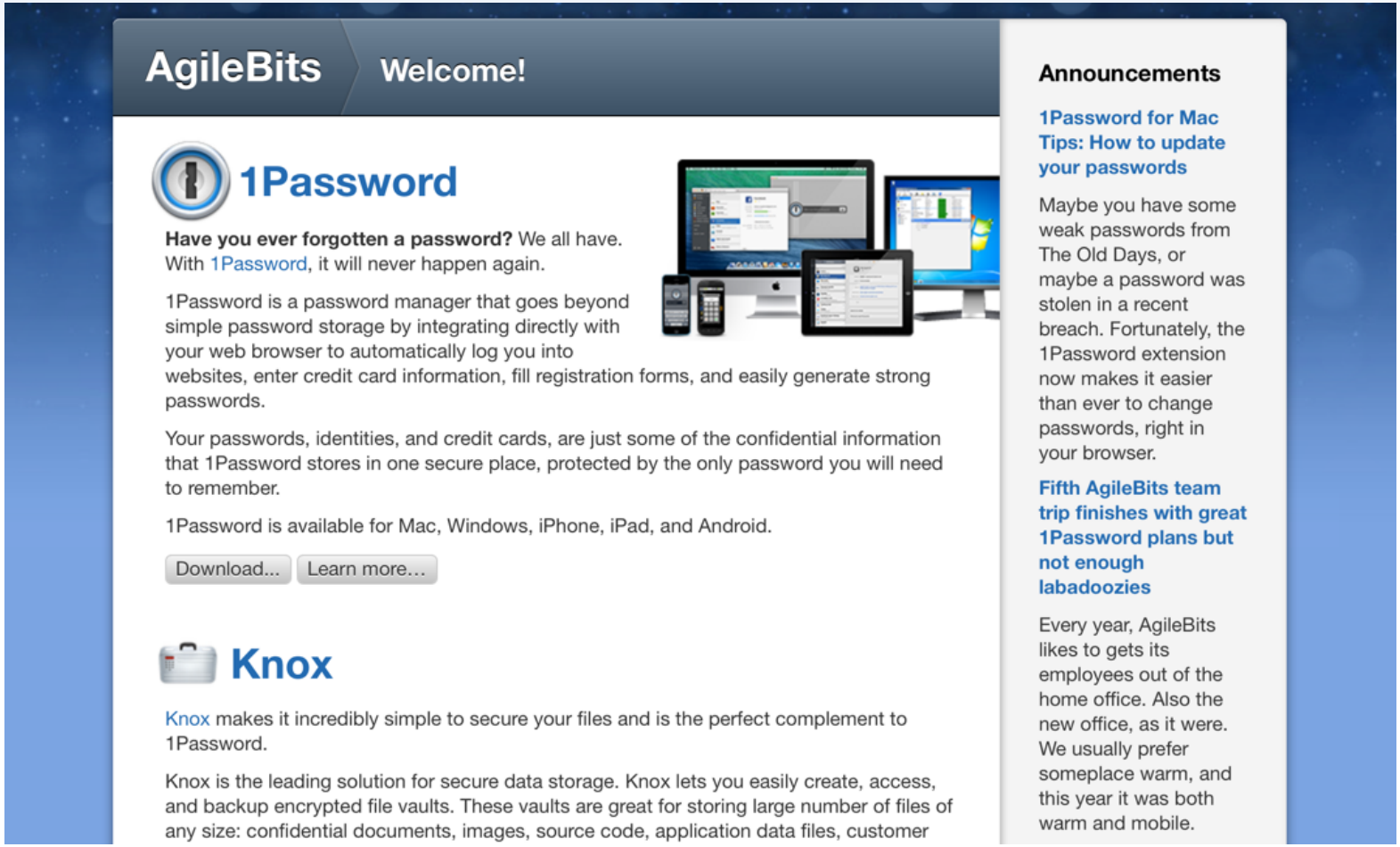
Recommended Password Manager - 1Password.com



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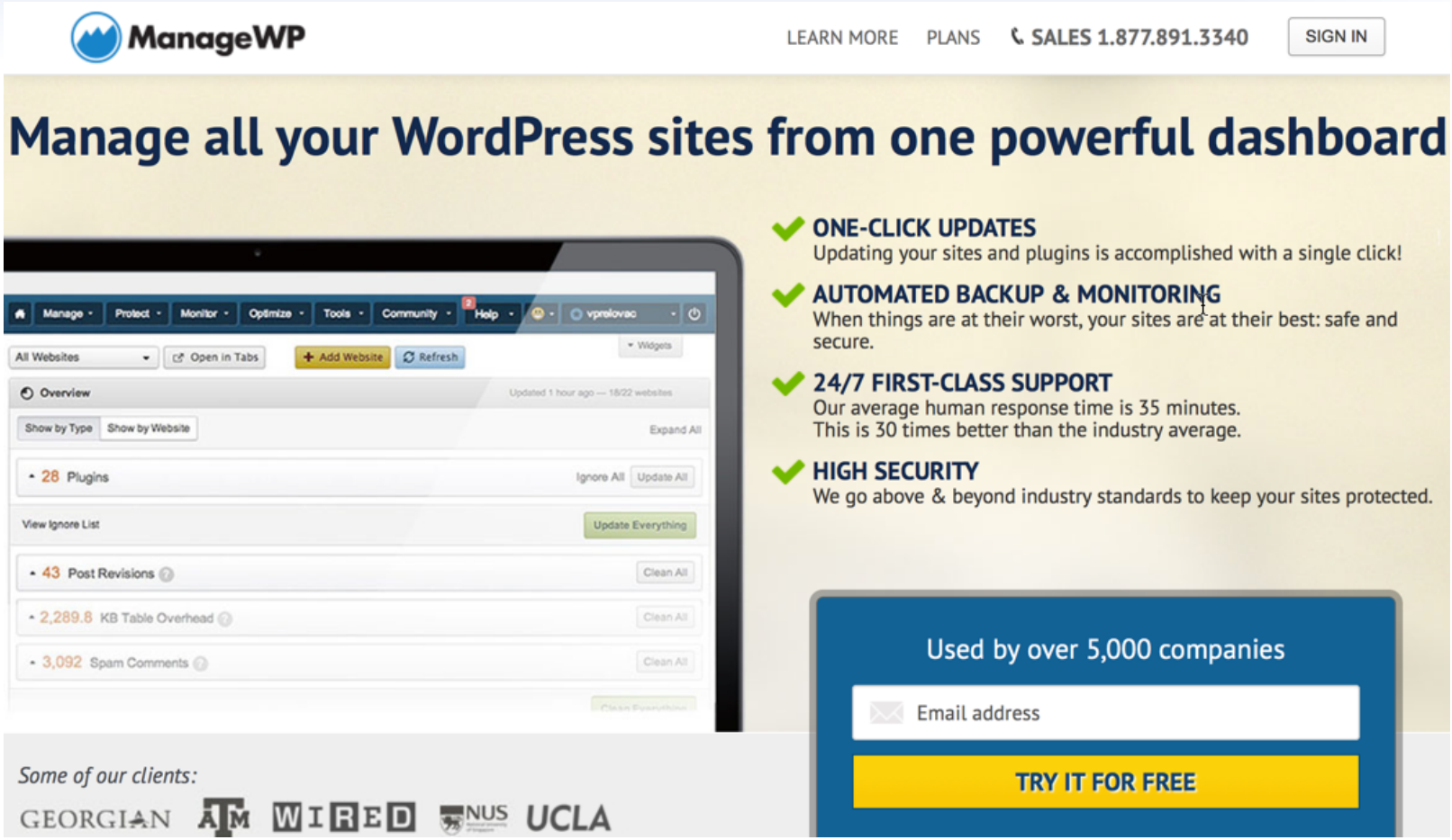
Recommended WordPress Manager - ManageWP.com



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Recommended WordPress Plugin - All In One WP Security

Dashboard | System Info

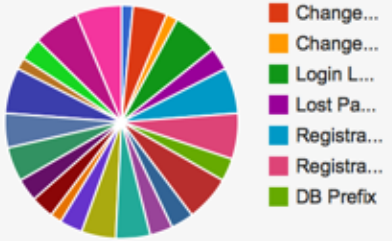
For information, updates and documentation, please visit the AIO WP Security & Firewall Plugin Page

Follow us on Twitter, Google+ or via Email to stay up to date about the new security features of this plugin.

Security Strength Meter

Total Achievable Points: **410**
Current Score of Your Site: **315**

Security Points Breakdown



Critical Feature Status

Below is the current status of the critical features that you should activate on your site to achieve a minimum level of recommended security

Admin Username	ON OFF
Login Lockdown	ON OFF
File Permission	ON OFF
Basic Firewall	ON OFF

Last 5 Logins

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Recommended WordPress Plugin - Sucuri Free

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Recommended Monitoring Service - Sucuri.net

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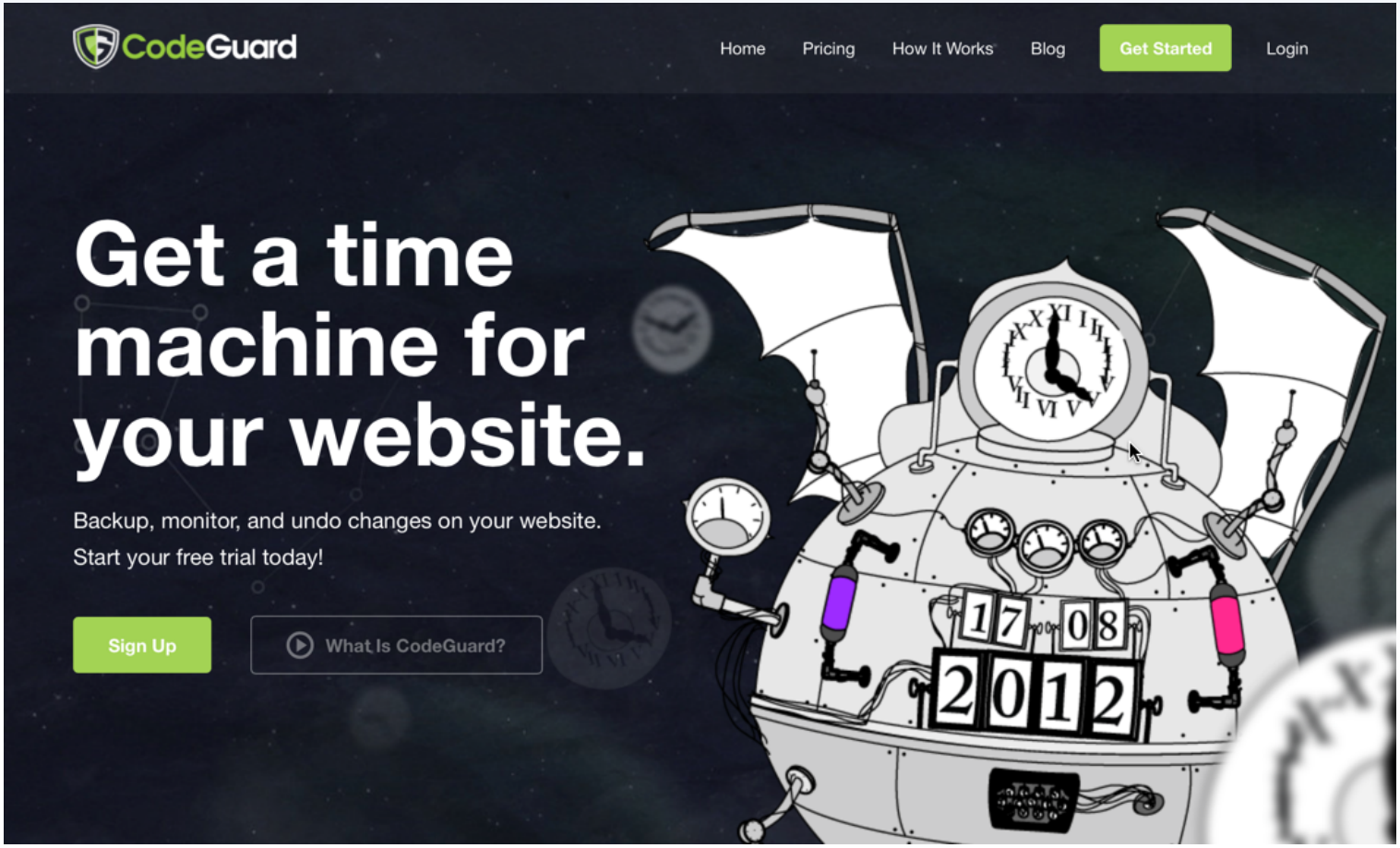
Recommended Monitoring Service - CodeGuard.com



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'All In One WP Security' Plugin User Guide

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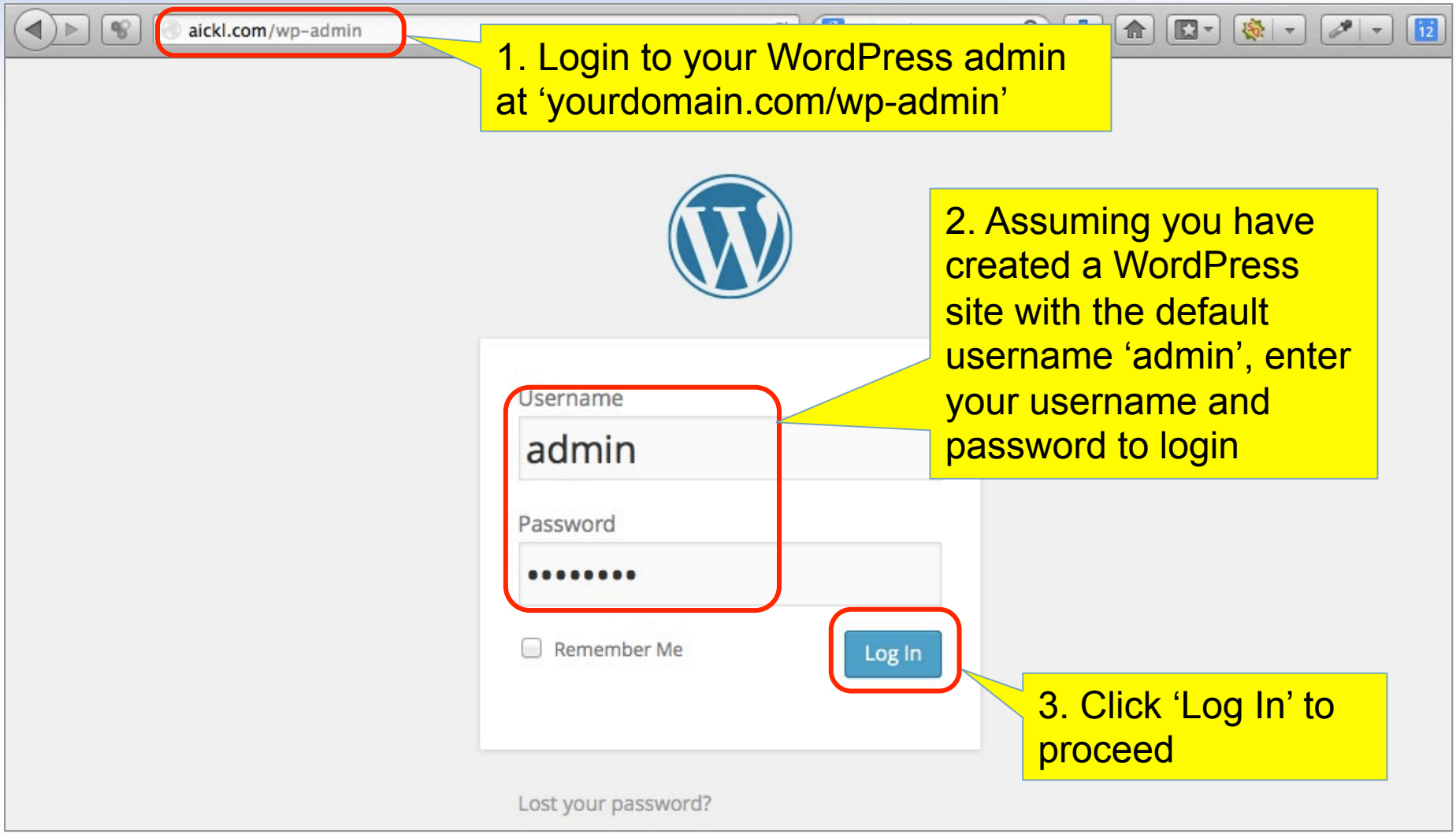

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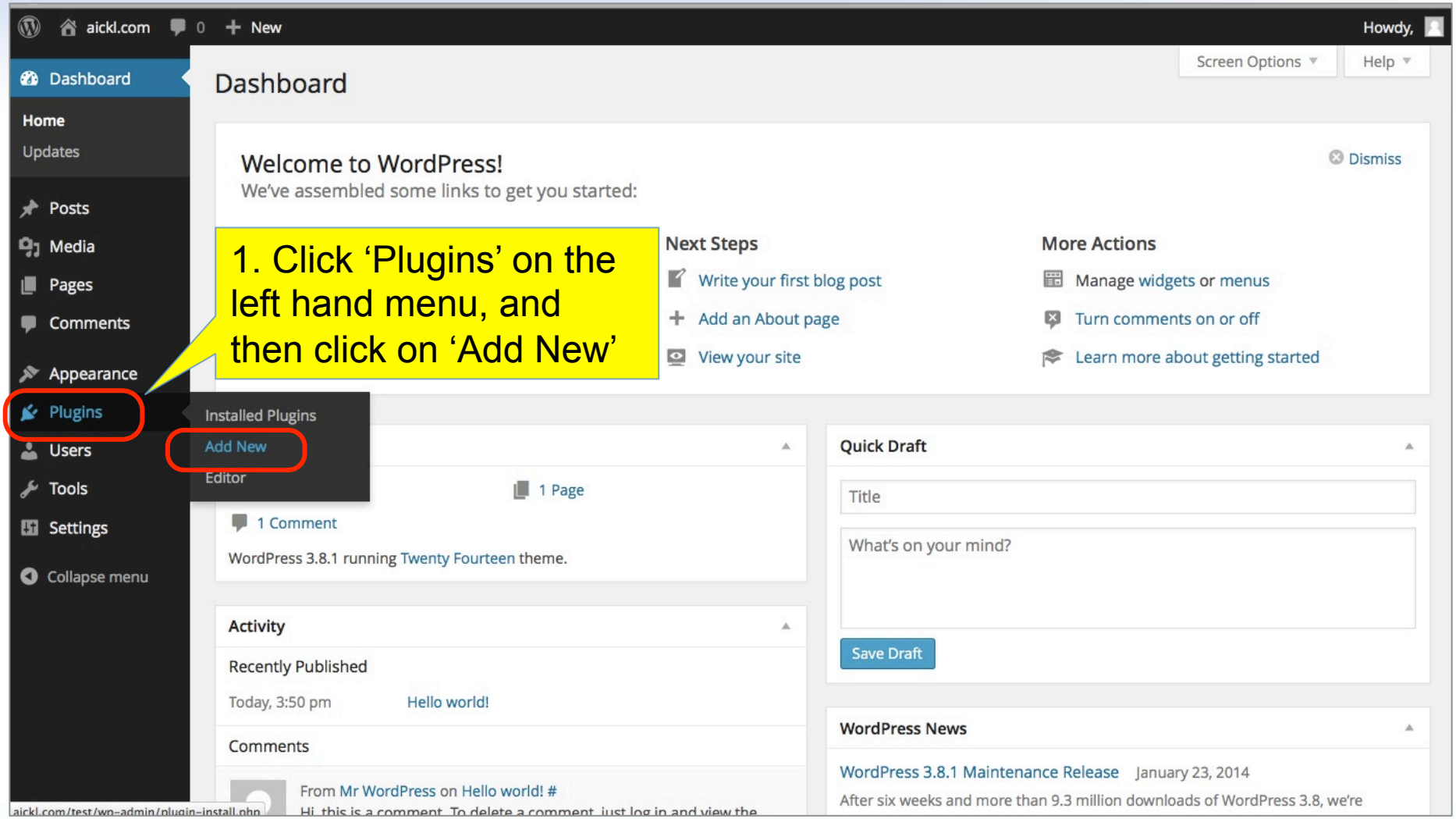

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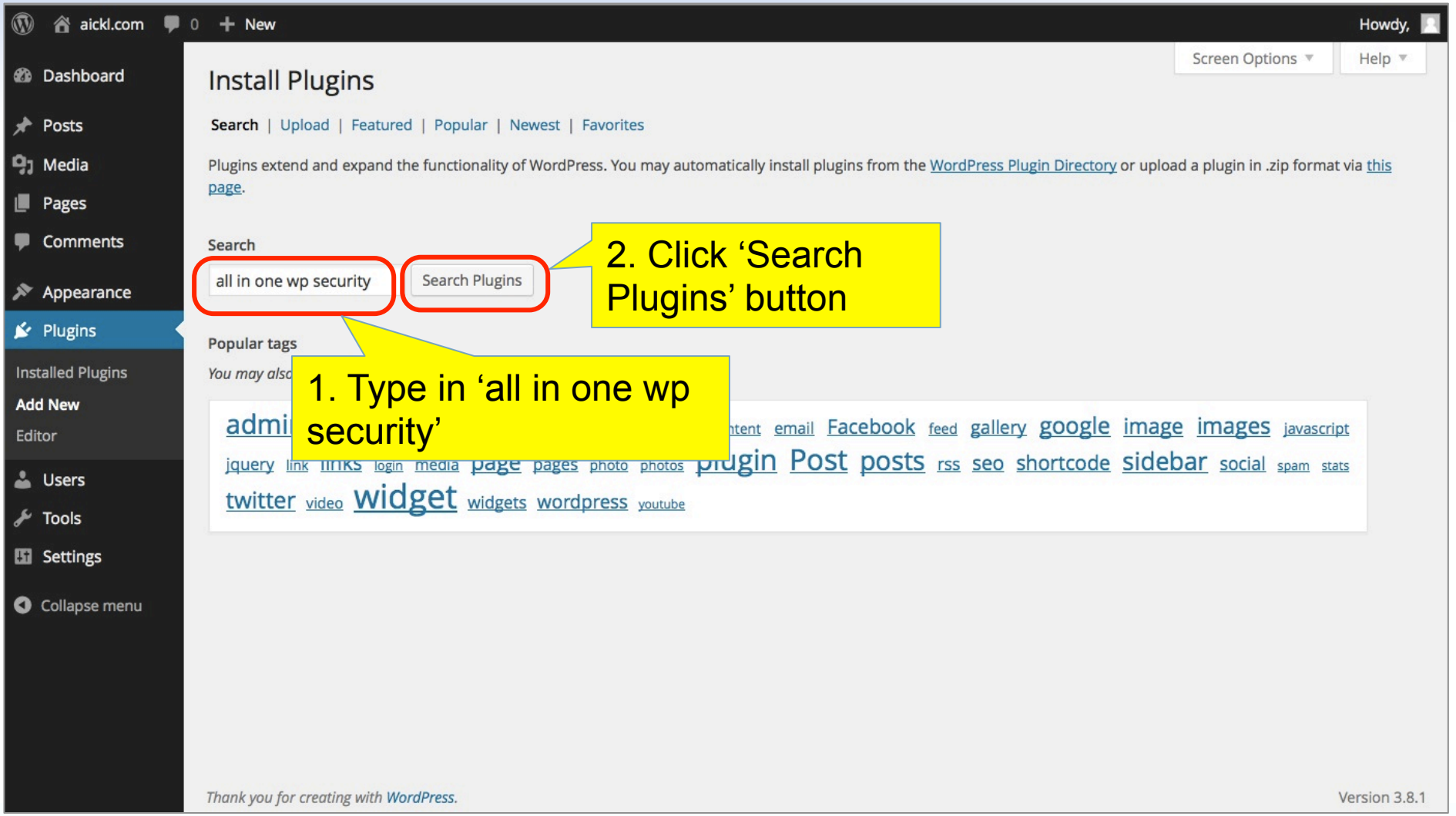

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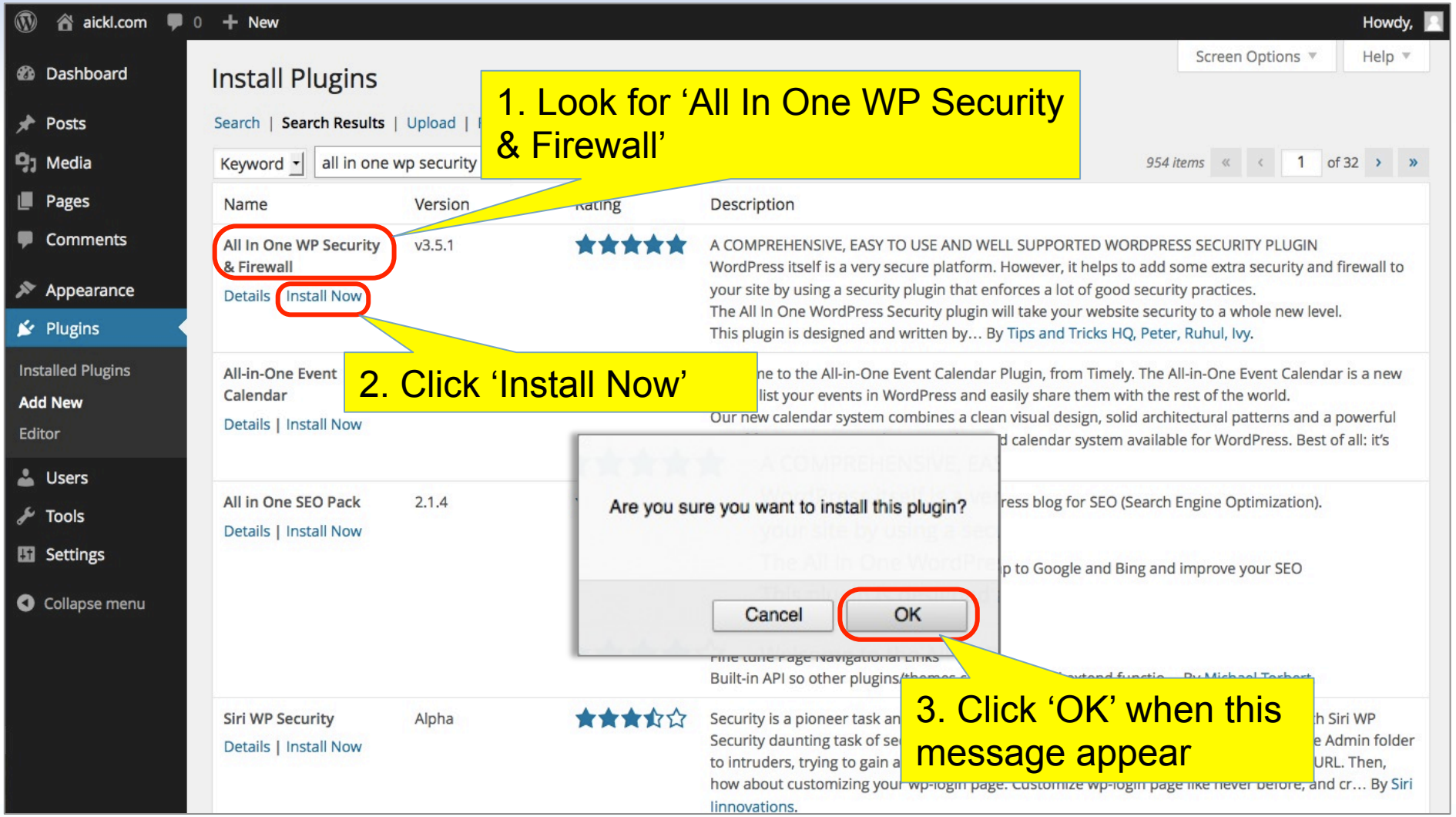

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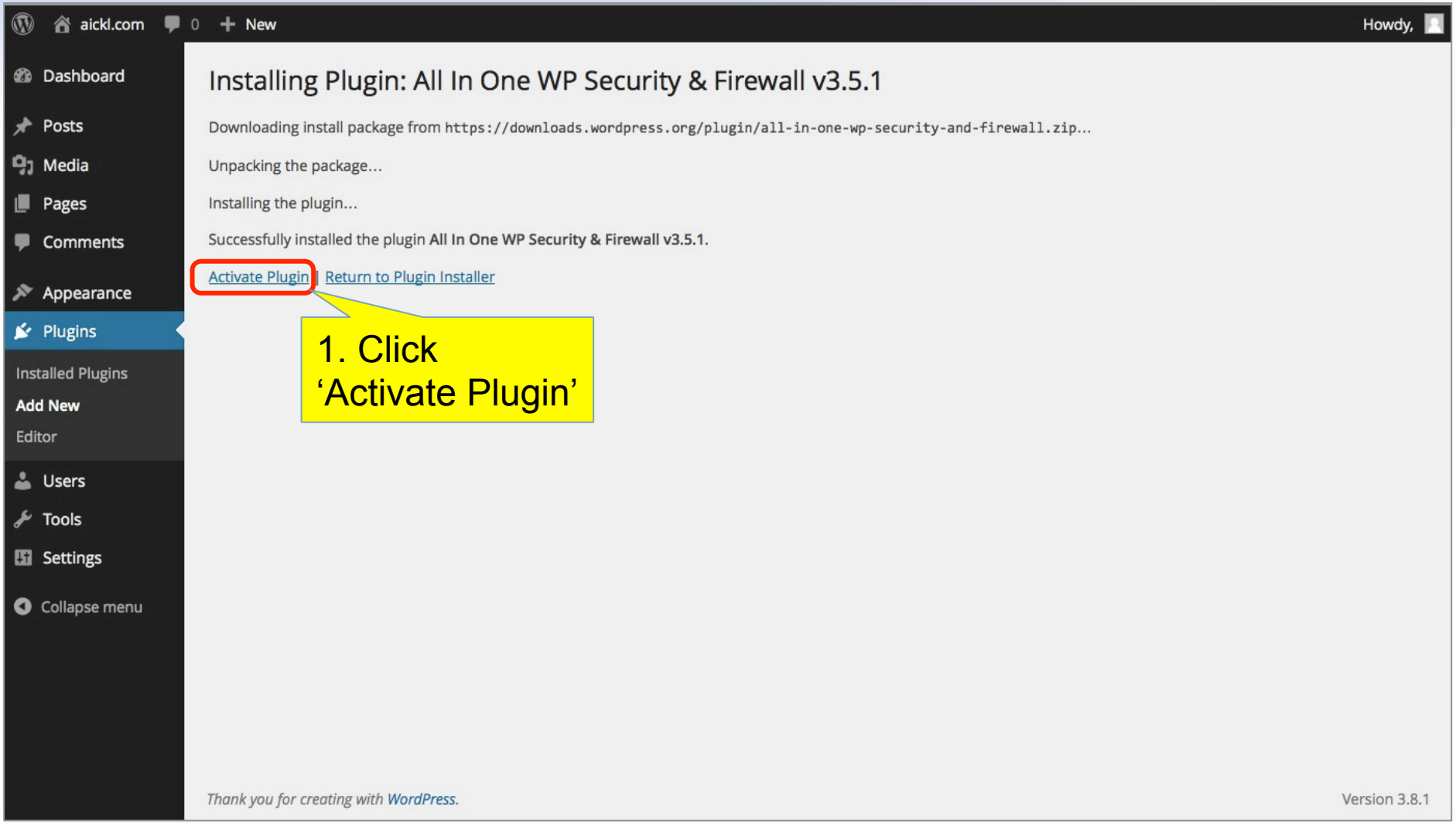

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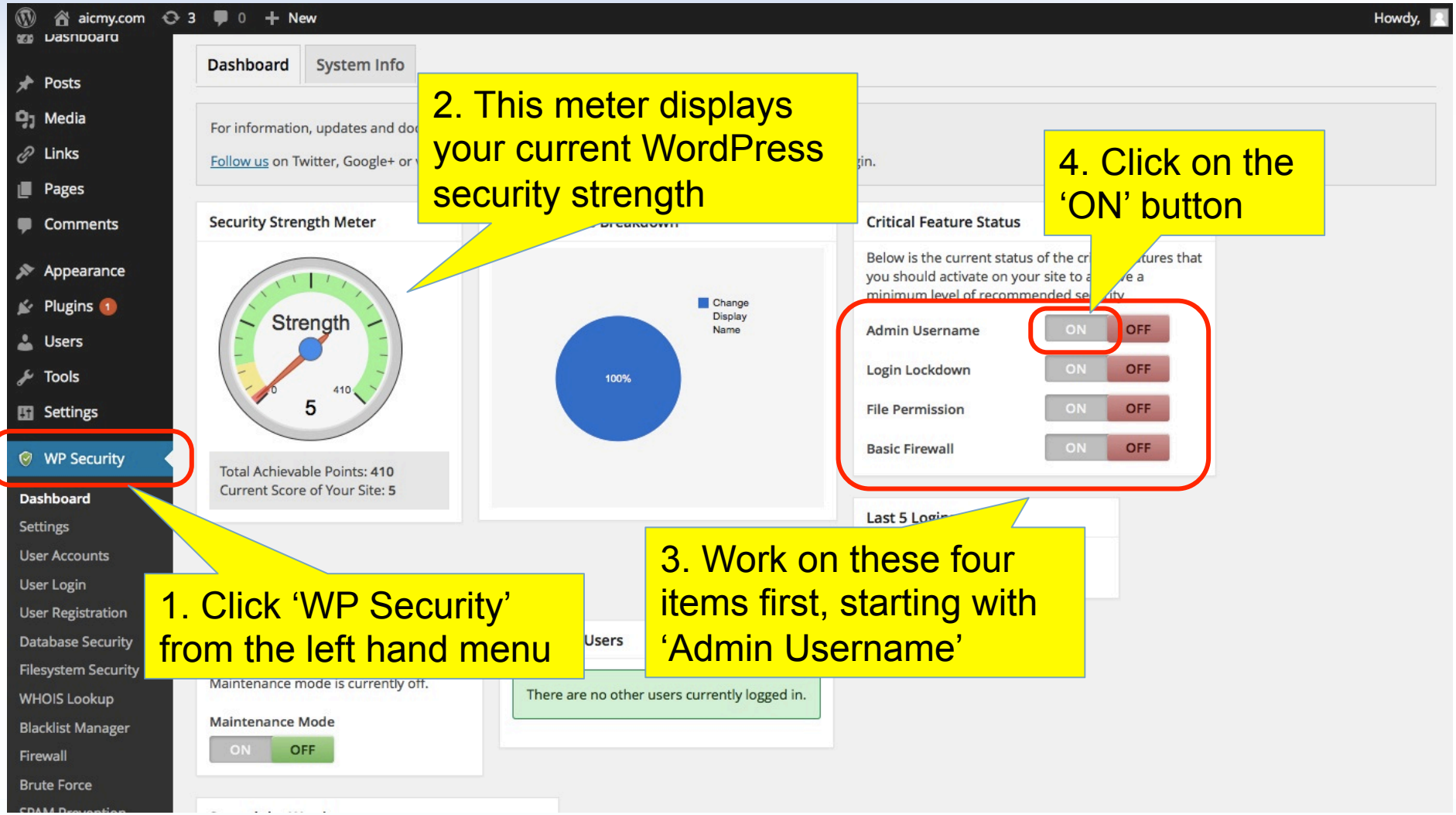

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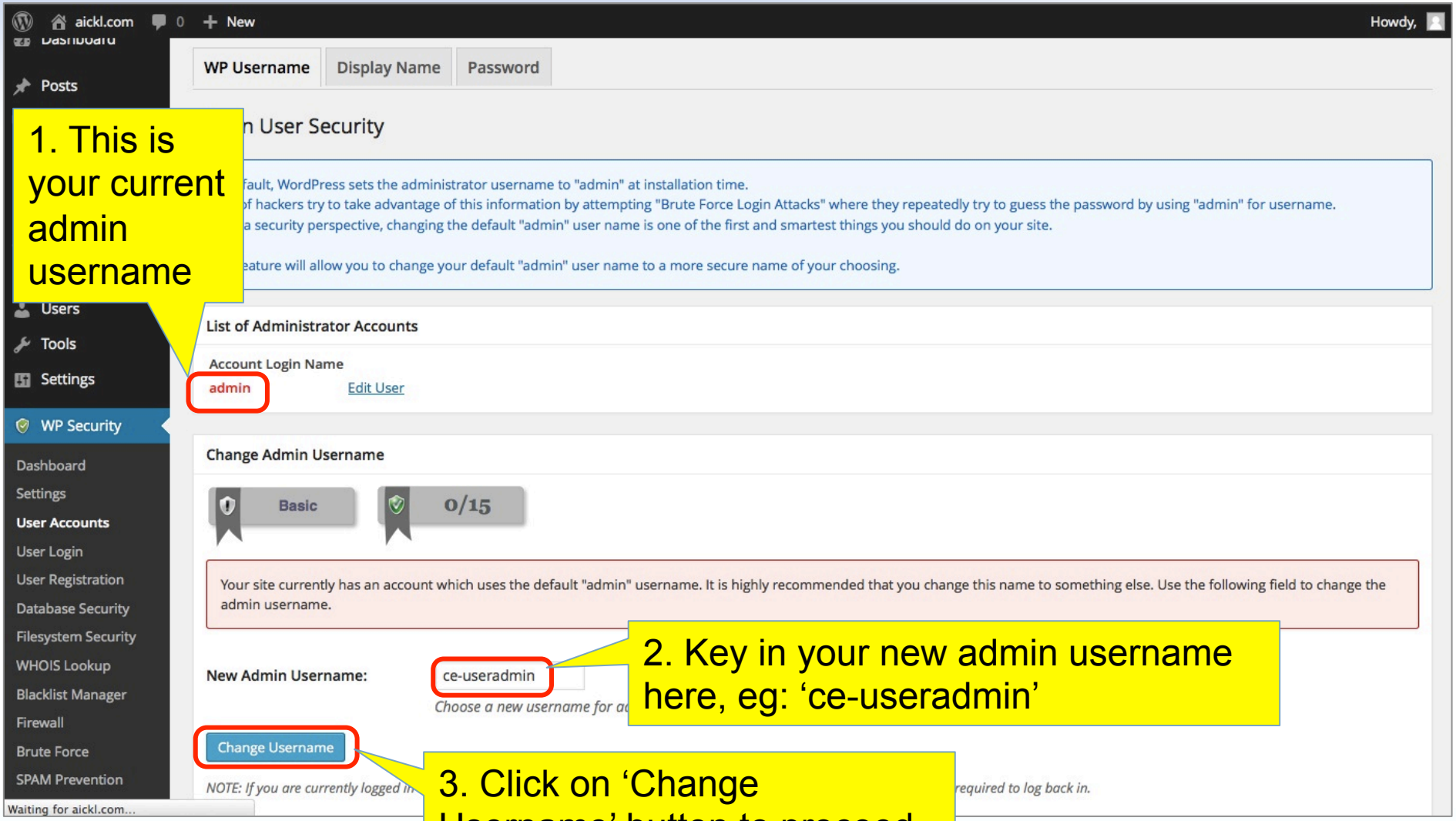

1. This is your current admin username

2. Key in your new admin username here, eg: 'ce-useradmin'

3. Click on 'Change Username' button to proceed

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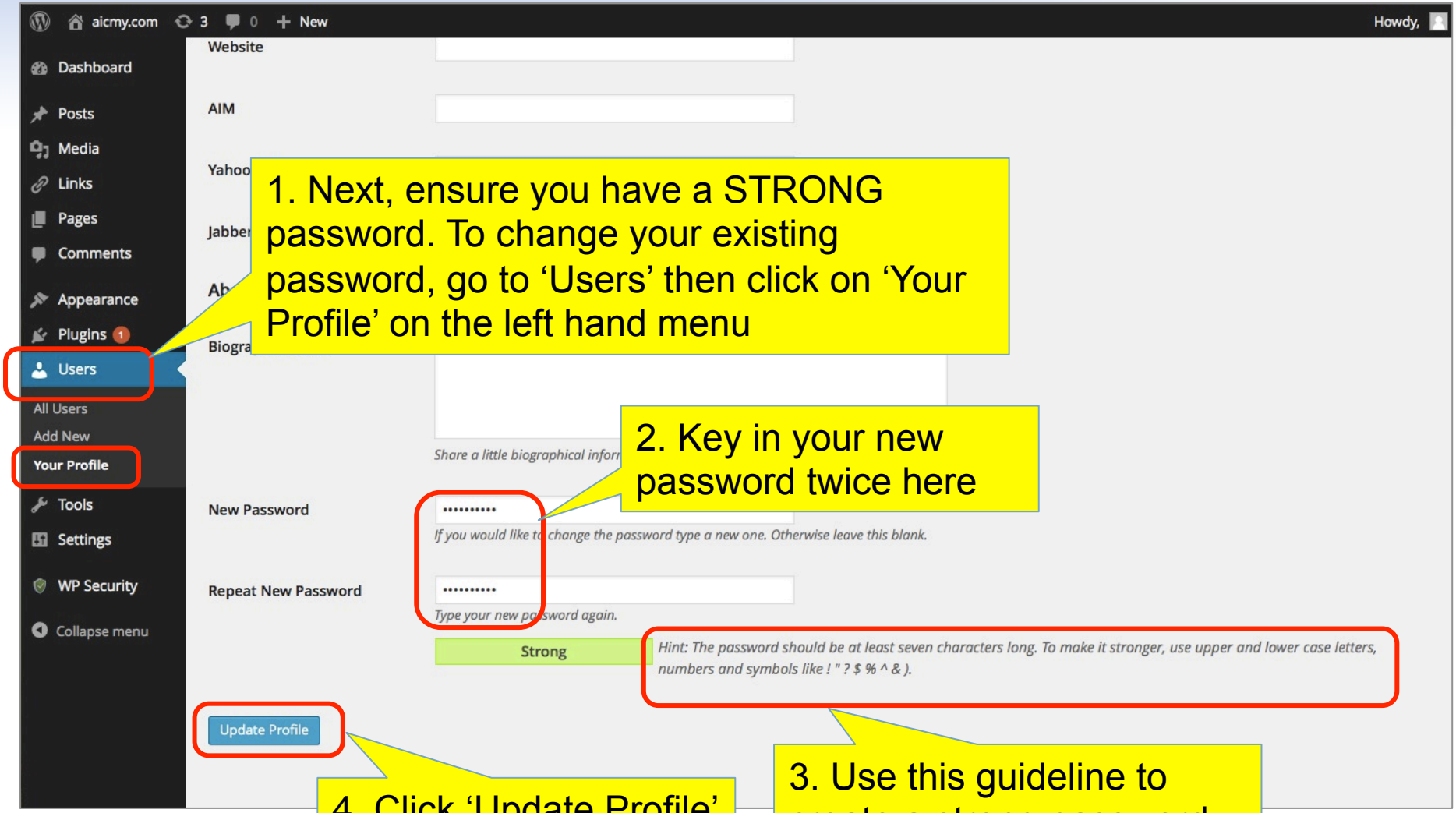

1. Next, ensure you have a STRONG password. To change your existing password, go to 'Users' then click on 'Your Profile' on the left hand menu

2. Key in your new password twice here

3. Use this guideline to create a strong password

4. Click 'Update Profile' to proceed

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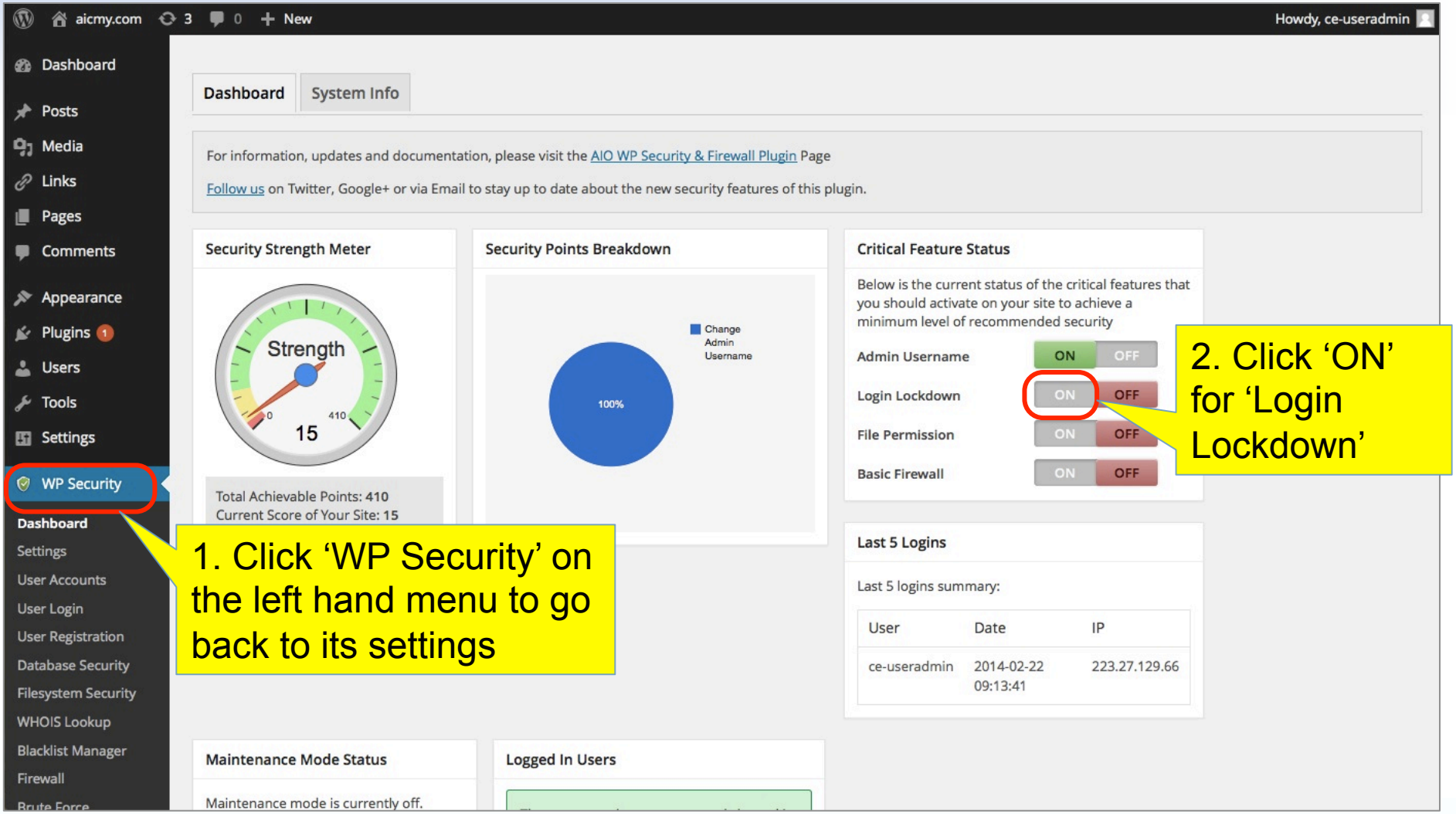

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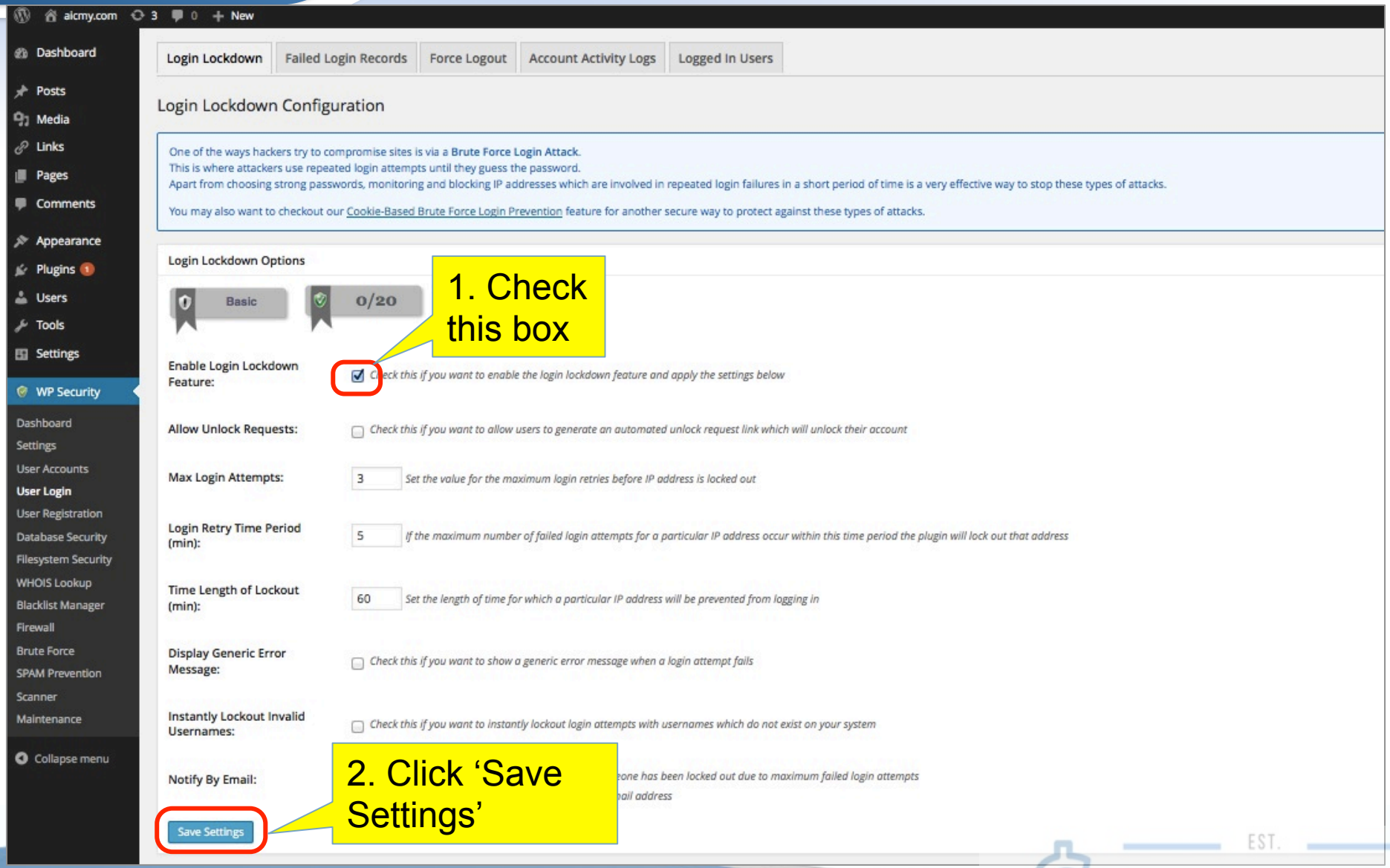

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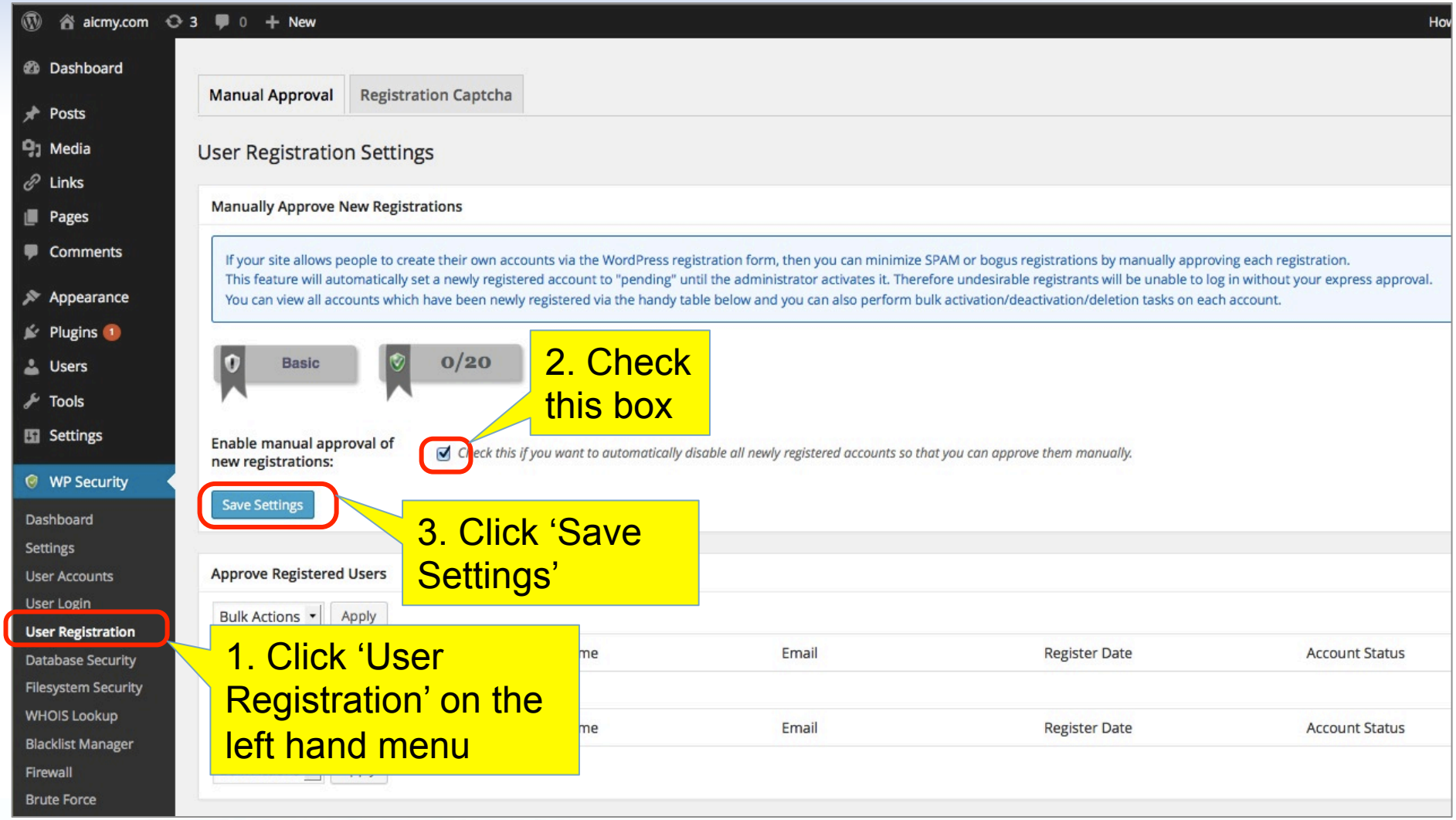

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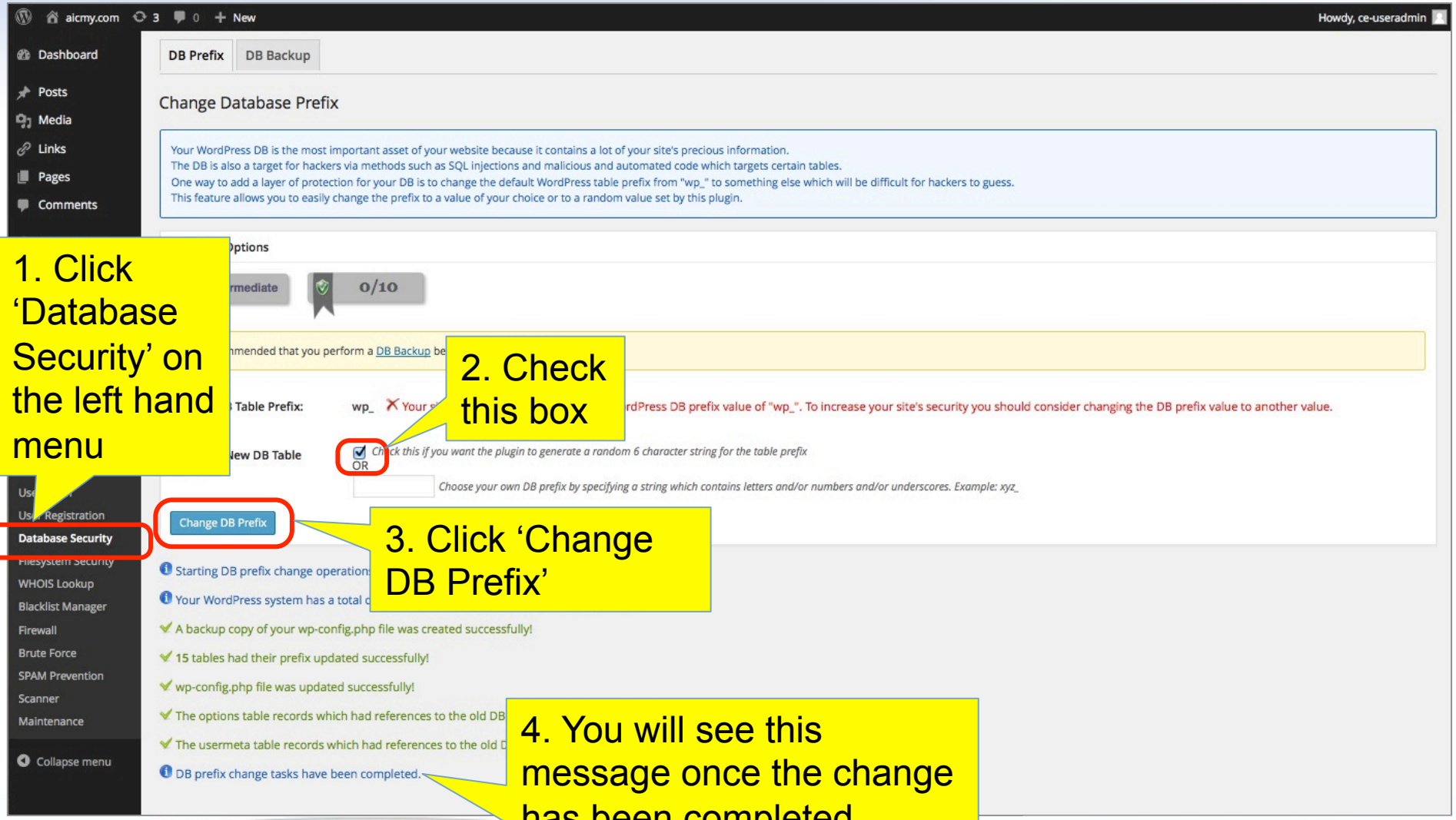

1. Click 'Database Security' on the left hand menu

2. Check this box

3. Click 'Change DB Prefix'

4. You will see this message once the change has been completed

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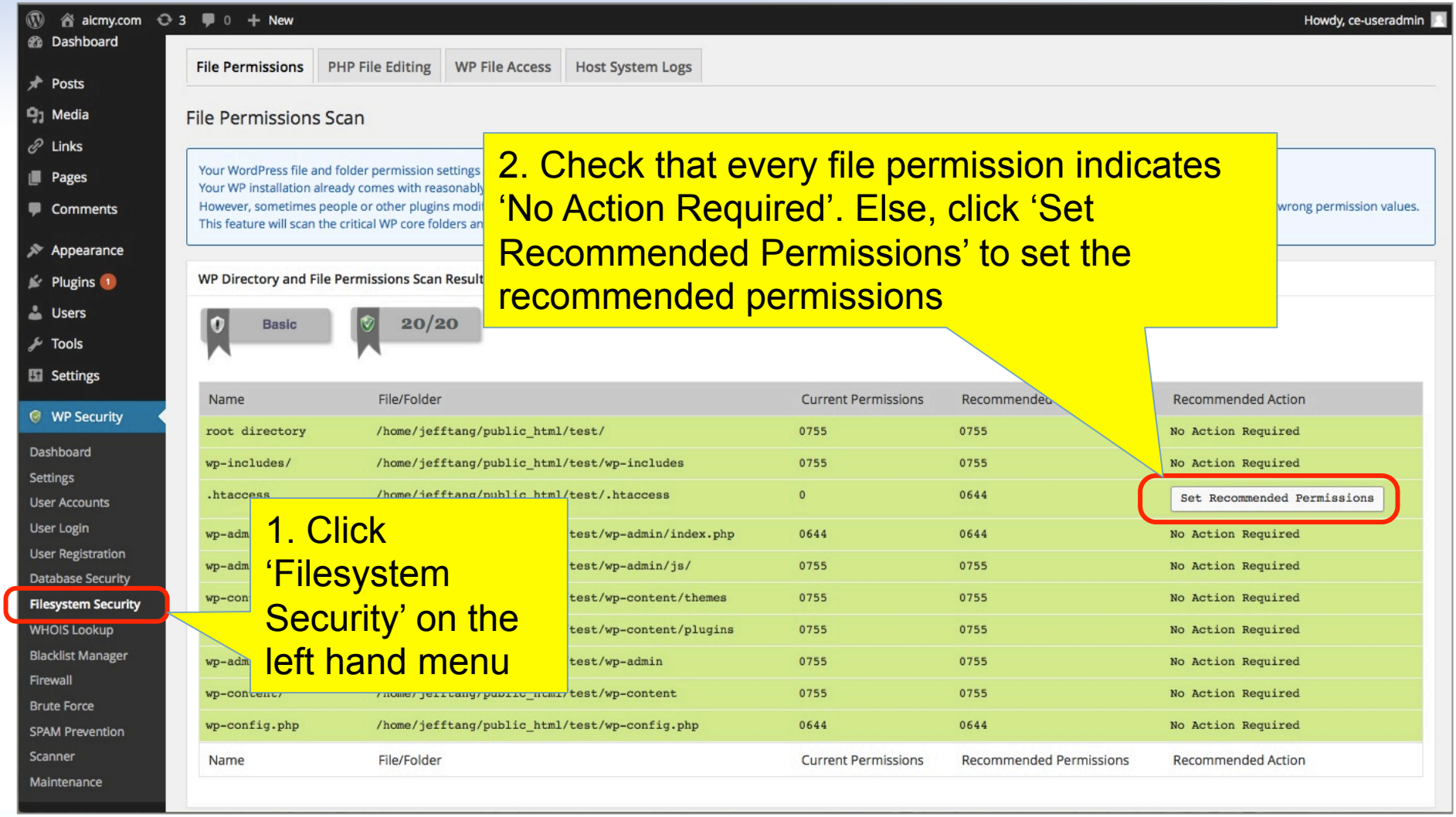

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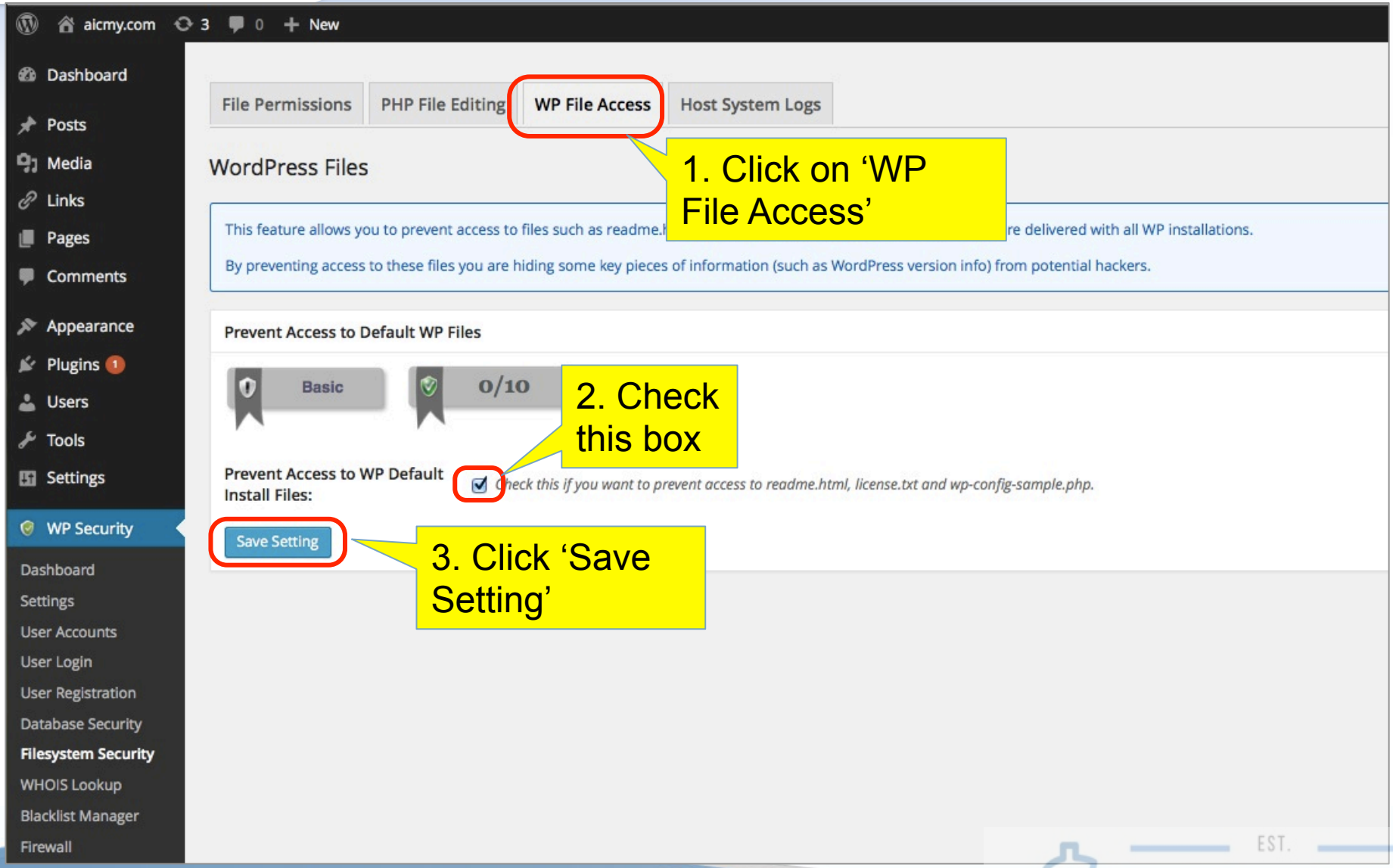

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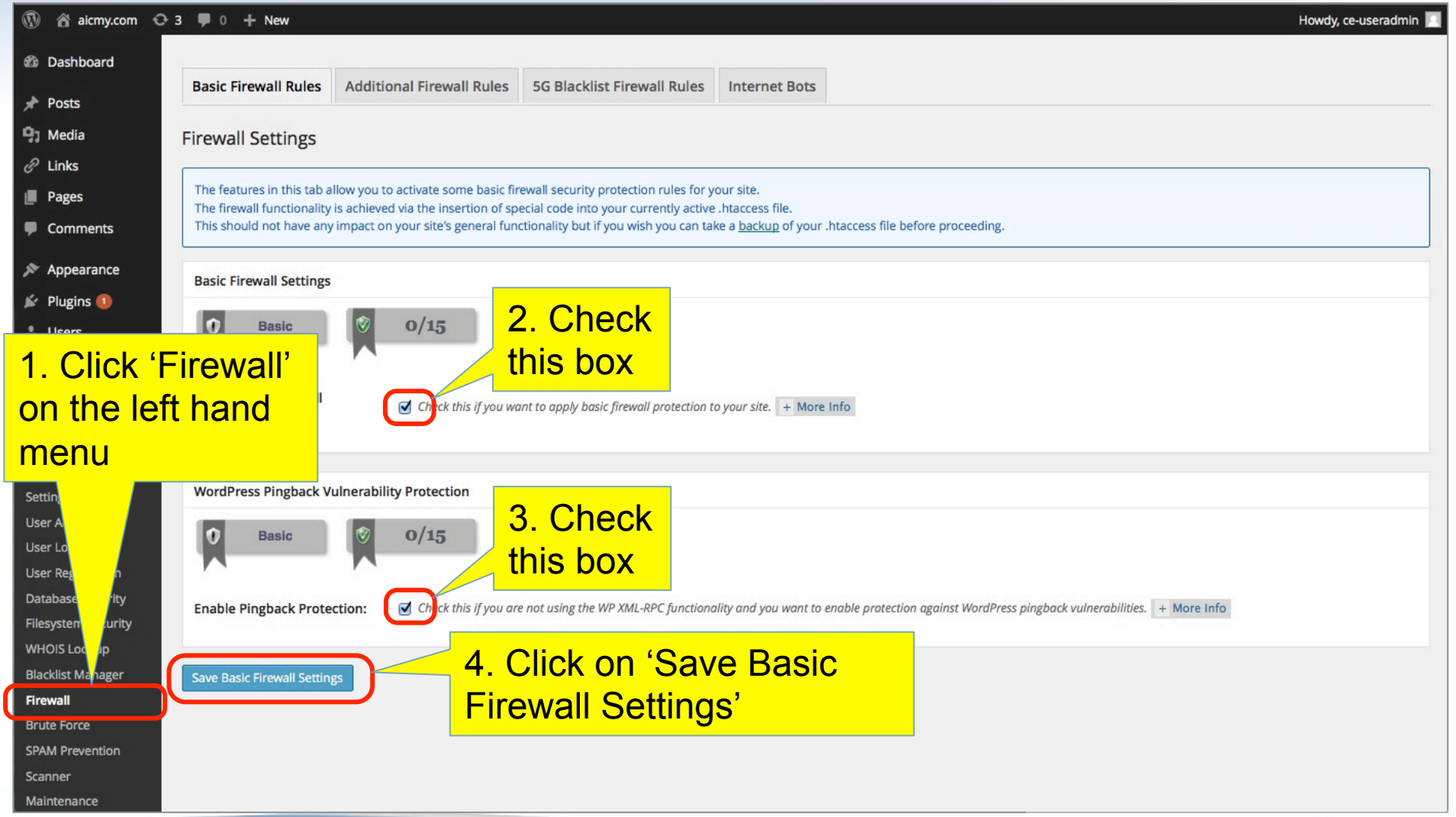

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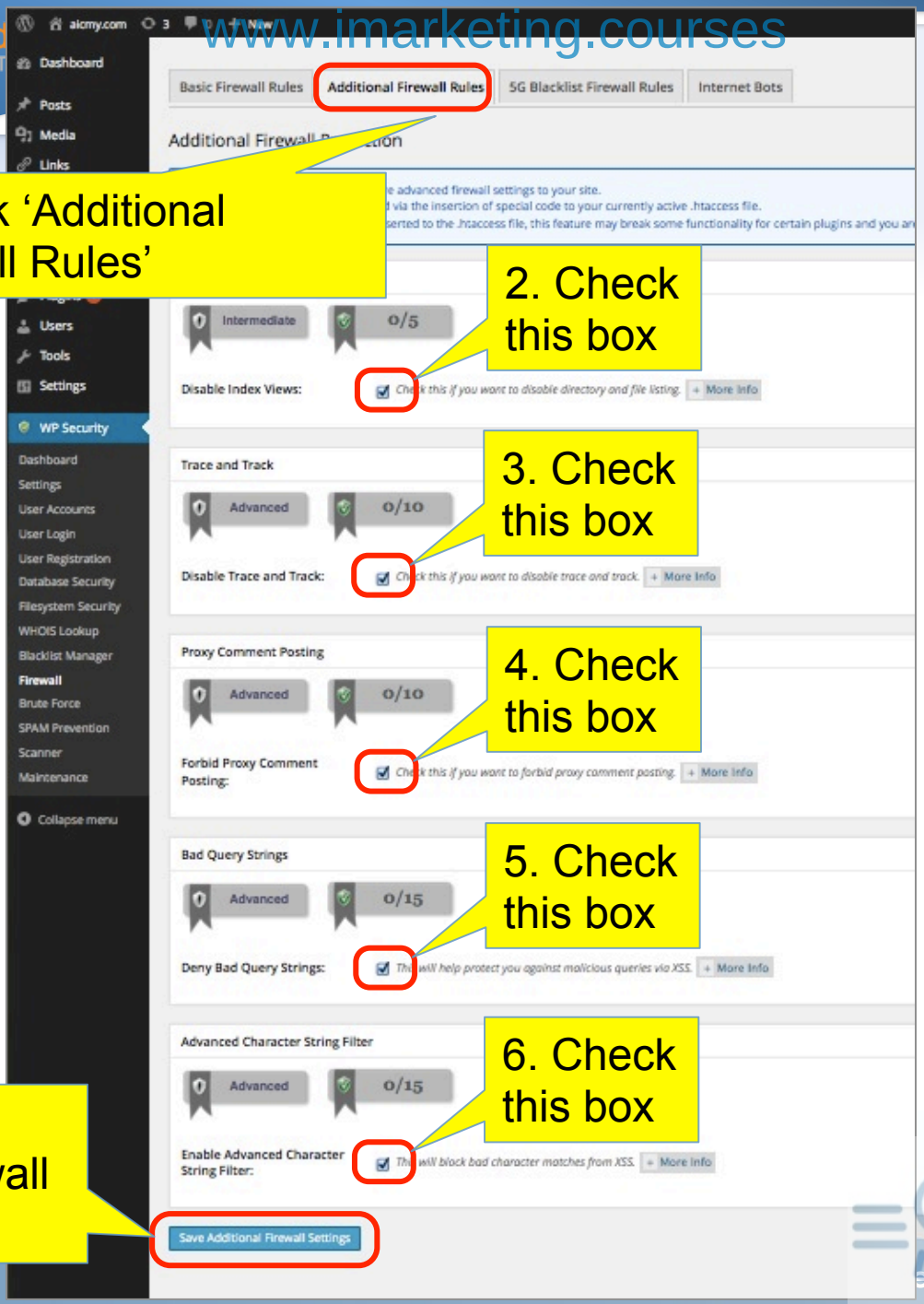

1. Click ‘Additional Firewall Rules’

2. Check this box

3. Check this box

4. Check this box

5. Check this box

6. Check this box

7. Click ‘Save Additional Firewall Settings’

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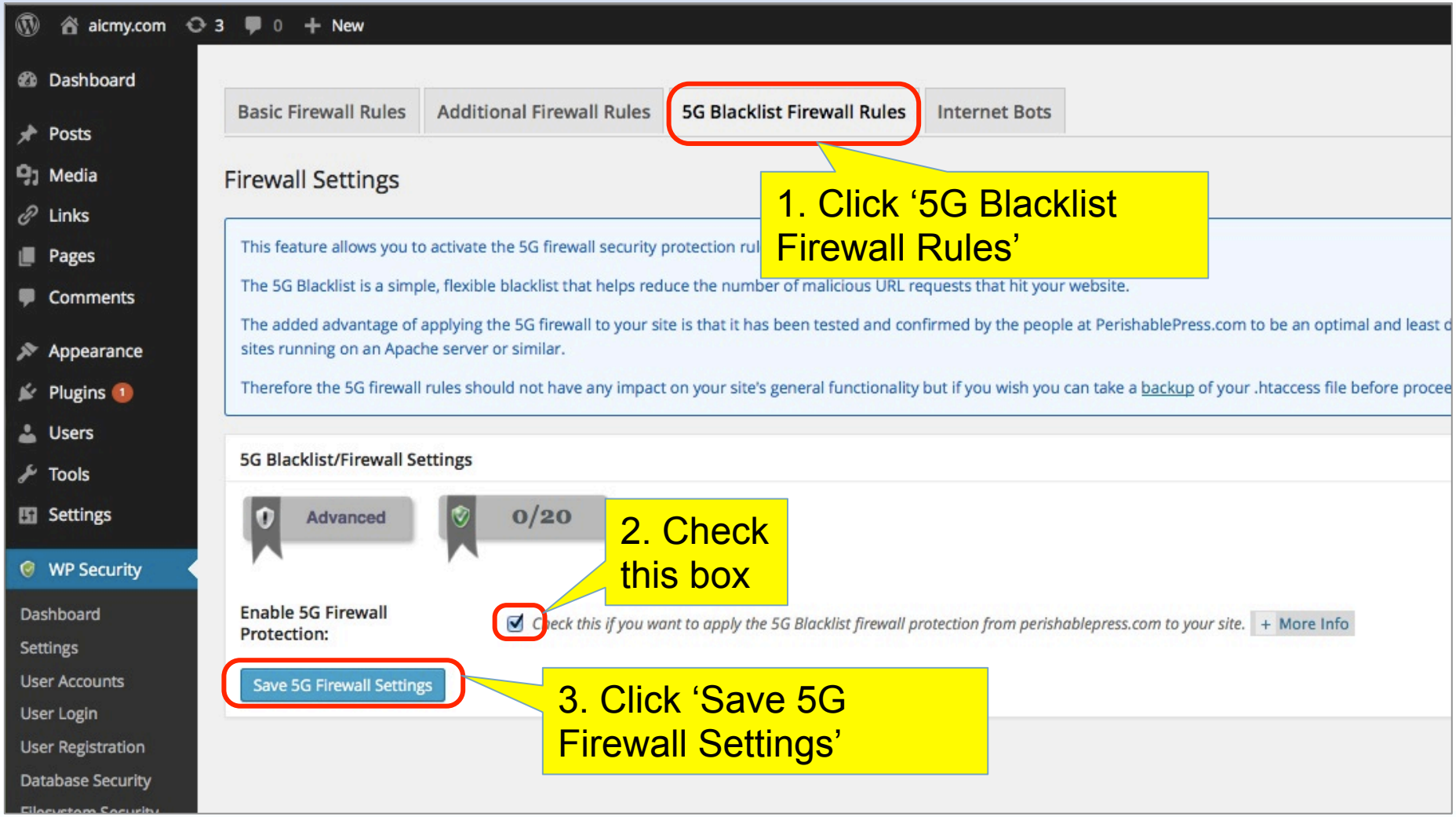

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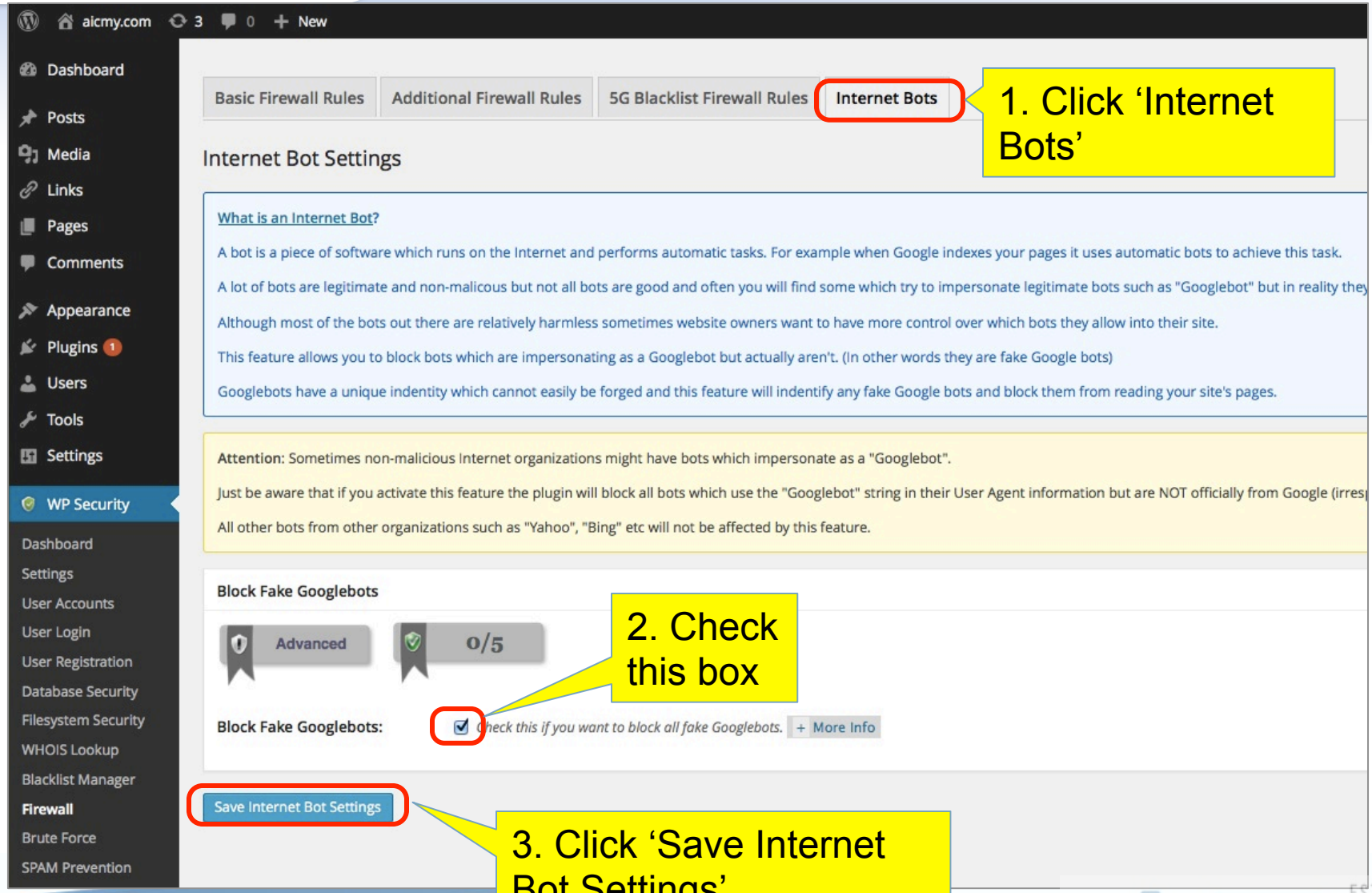

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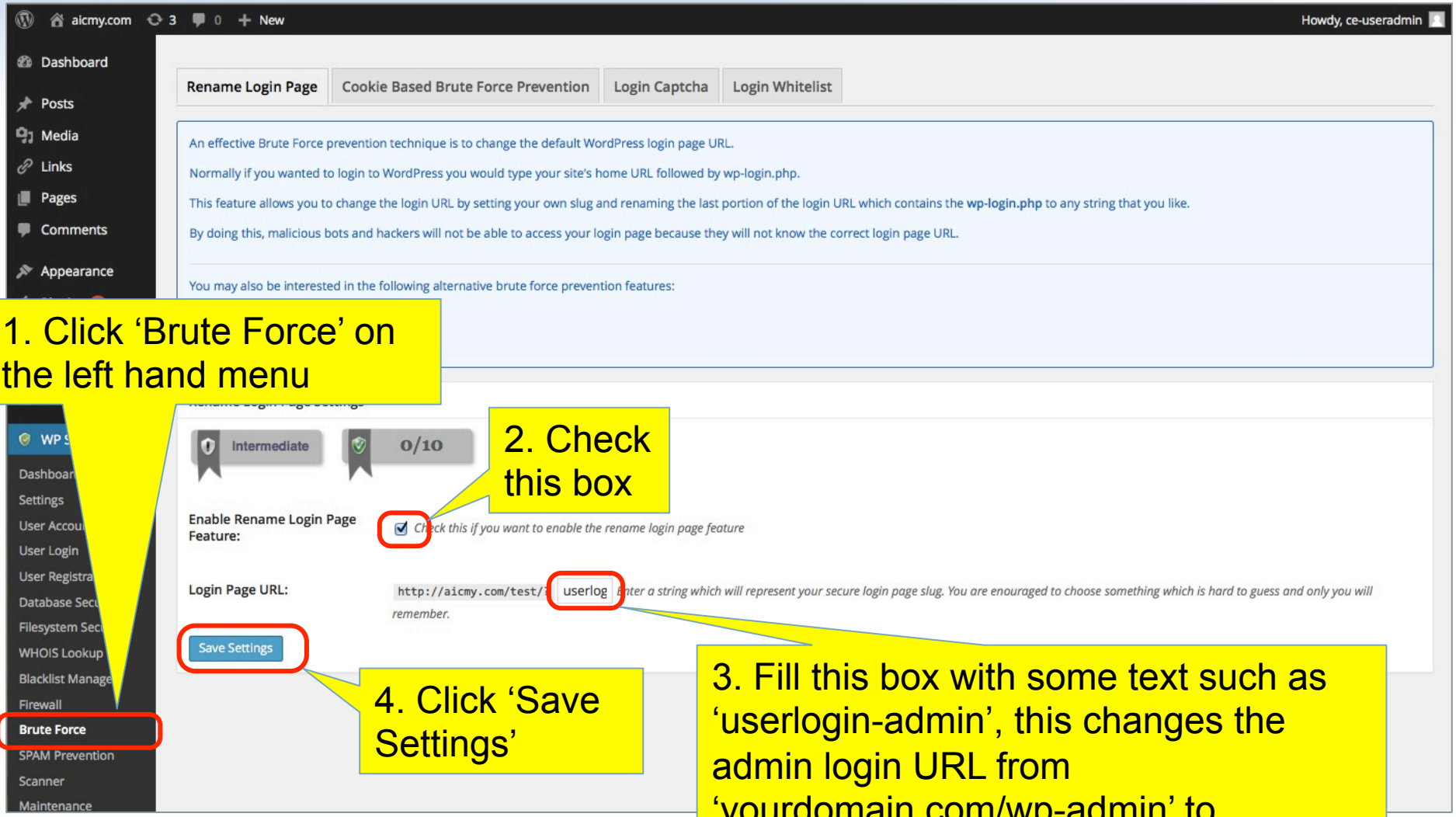

1. Click ‘Brute Force’ on the left hand menu

2. Check this box

3. Fill this box with some text such as ‘userlogin-admin’, this changes the admin login URL from ‘yourdomain.com/wp-admin’ to ‘yourdomain.com/userlogin-admin’

4. Click ‘Save Settings’

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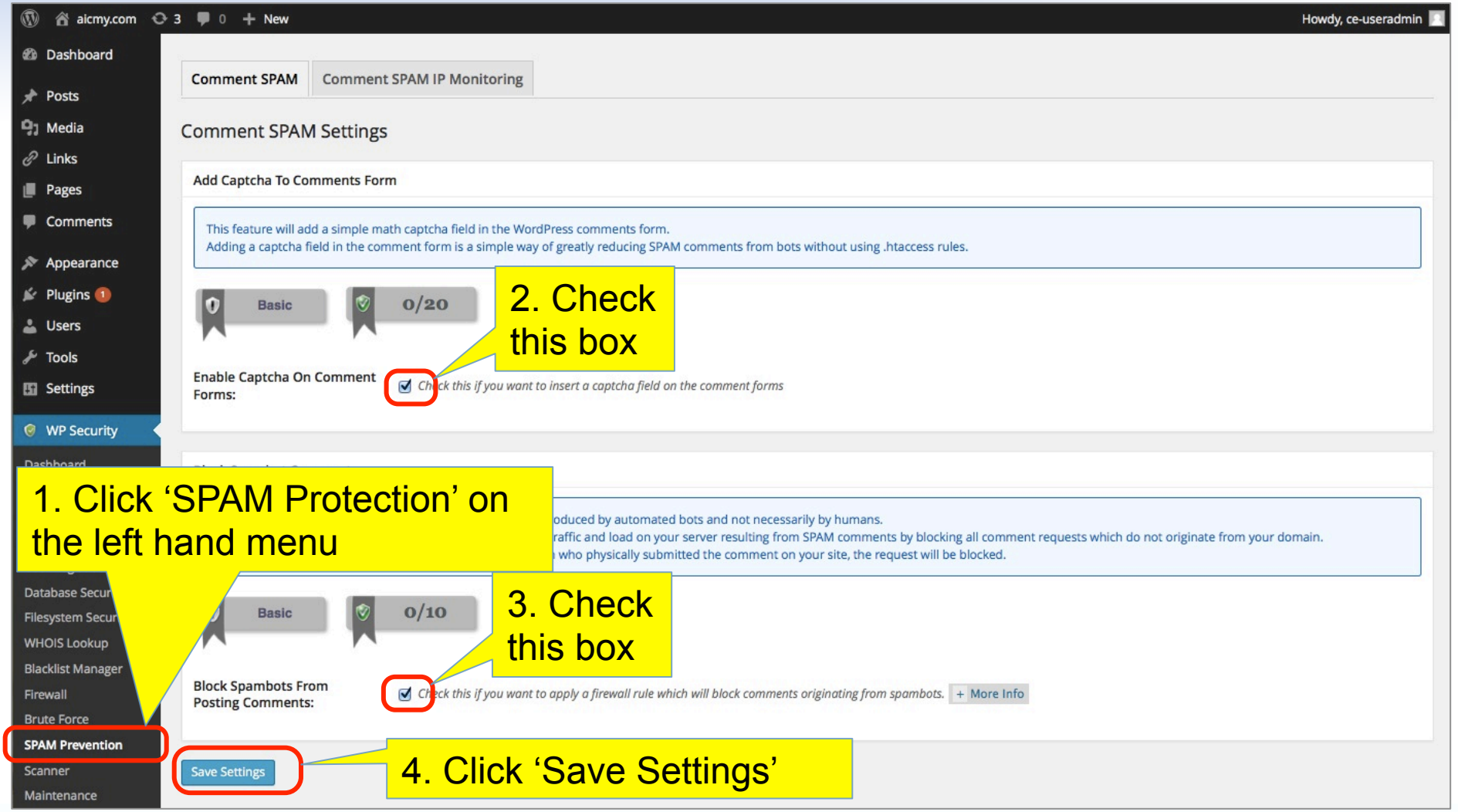

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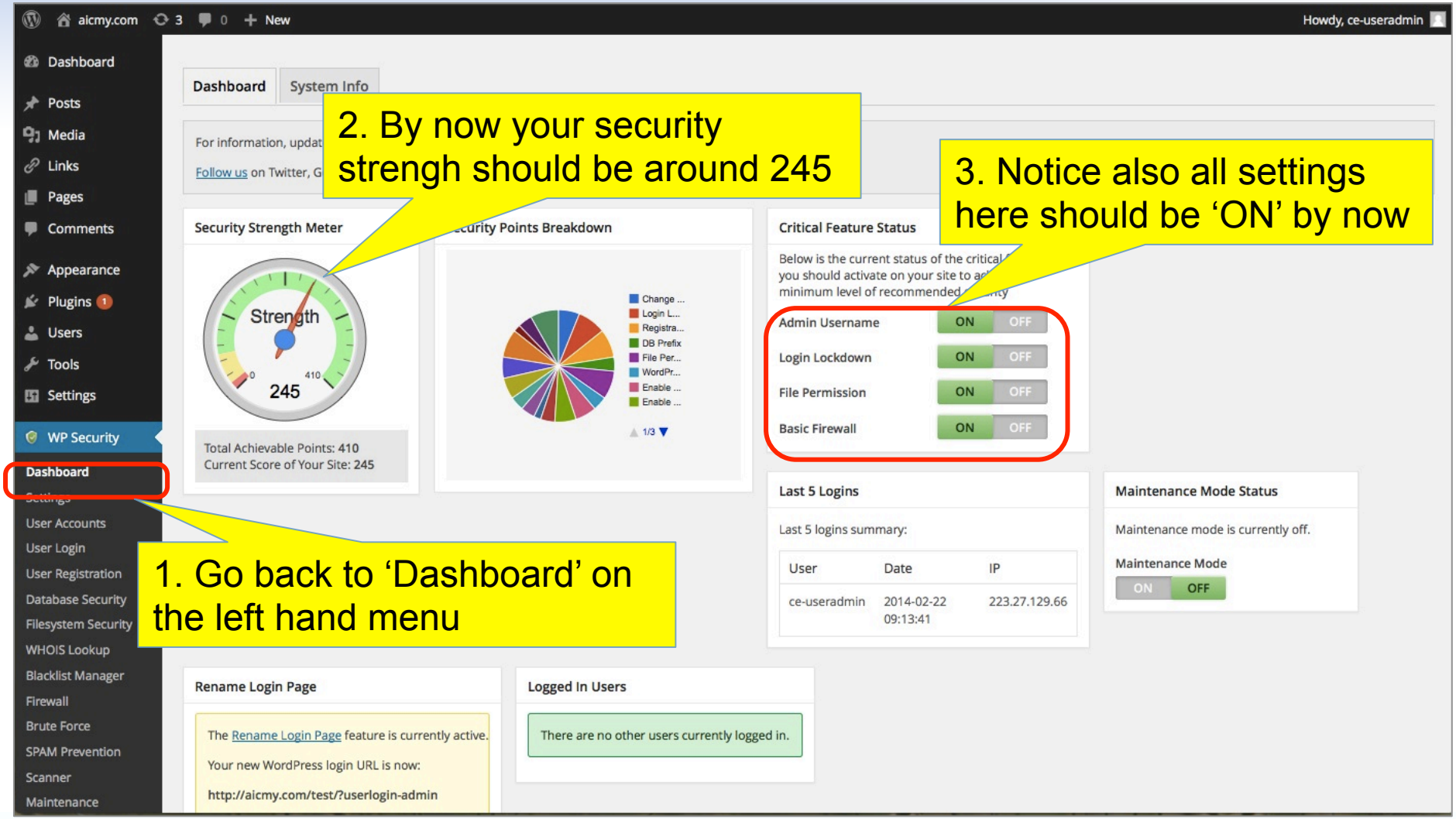

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