

SEM Coaching - 36

WordPress Backup And Restore Using Amazon S3

AS NOZBAMA

Introduction

- ❖ WordPress is a popular open-source online Content Management System (CMS) platform used on over 65 million websites
- ❖ WordPress, being an open source platform, can sometimes become vulnerable to security attacks or hacks.
- ❖ The best prevention is to ensure you regularly backup your WordPress sites OFFSITE.
- ❖ A cost-effective AND reliable solution is to use BackupCreator backup plugin and Amazon S3 for offsite location backup
- ❖ Another powerful BackupCreator feature is the ability to clone entire WordPress sites, including themes, plugins, media and content and restore the site within minutes.

Amazon S3 Setup

Signup for Amazon S3

The screenshot shows the AWS Simple Storage Service (Amazon S3) landing page. At the top right, there is a yellow "Sign Up" button with a red rectangular highlight around it. To its right are links for "My Account / Console" and "English". Below the header is a navigation bar with "AWS Products & Solutions", a search bar, and links for "AWS Product Information", "Developers", and "Support". On the left, there's a sidebar with sections for "Amazon S3" (Overview, FAQs, Pricing, SLA), "Developer Resources" (Getting Started Guide, Management Console, Documentation, Release Notes, Sample Code & Libraries, Developer Tools, Articles & Tutorials, Community Forum), and a "File Storage Costs Less In The Cloud Than In-House" section. The main content area features the "re:Invent" logo and a call to action: "Attend our first global customer and partner conference. [Learn More >](#)". Below this is a summary of what Amazon S3 is and how it benefits developers. A sidebar on the right says "Easy to sign up, pay only for what you use" with a "Sign Up Now" button.

<http://aws.amazon.com/s3/>

Amazon S3 AWS Free Usage Tier

Amazon S3 Pricing

Pay only for what you use. There is no minimum fee. Estimate your monthly bill using the [AWS Simple Monthly Calculator](#). We charge less where our costs are less, and prices are based on the location of your Amazon S3 bucket.

AWS Free Usage Tier*

As part of the [AWS Free Usage Tier](#), you can get started with Amazon S3 for free. Upon sign-up, new AWS customers receive 5 GB of Amazon S3 storage, 20,000 Get Requests, 2,000 Put Requests, and 15GB of data transfer out each month for one year.

<http://aws.amazon.com/s3/>

Accessing Amazon S3 Security Credentials

- Access Key ID & Secret Access Key

The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with 'Sign Up', 'My Account / Console' (with a dropdown menu), and language settings ('English'). Below this, a sub-navigation menu is open under 'My Account', showing options like 'AWS Management Console', 'My Account', 'Account Activity', 'Usage Reports', and 'Security Credentials'. The 'Security Credentials' option is highlighted with a red box.

Access Credentials

This page allows you to manage permissions, and security credentials.

Access to applications and services require three types of credentials currently offered:

- Access Credentials: You can manage your access keys here.
- Sign-In Credentials: You can manage your AWS Single Sign-On credentials here.
- Account Identifiers: You can manage your AWS account identifiers here.

If you are not sure which security credential you need for the task you want to perform, click [Find out which AWS Security Credential I need](#).

Your Access Keys

Created	Access Key ID	Secret Access Key	Status
[Redacted]	[Redacted]	Show	Active (Make Inactive)

For your protection, you should never share your secret access key. AWS recommends frequent key rotation.

[Learn more about Access Keys](#)

<http://aws.amazon.com/s3/>

Create Amazon S3 BUCKET Using AWS Management Console

The screenshot shows the AWS Management Console interface. On the left, there's a sidebar with a navigation menu under 'Account'. The 'Manage Your Account' option is highlighted with a red box. The main content area has a heading 'Manage Your Account' and a section titled 'Services You're Signed Up For' with a list of various AWS services. In the top right corner, there's a navigation bar with options like 'Sign Up', 'My Account / Console' (which is currently selected), 'English', 'Support', and 'Sign Out'. A dropdown menu for 'My Account' is open, showing options like 'AWS Management Console' (also highlighted with a red box), 'My Account', 'Account Activity', 'Usage Reports', and 'Security Credentials'.

Services You're Signed Up For	
Amazon CloudFormation	Amazon Simple Queue Service (SQS)
Amazon CloudFront	Amazon Simple Storage Service (S3)
Amazon CloudSearch	Amazon Simple Workflow Service (SWF)
Amazon CloudWatch	Amazon SimpleDB
Amazon DynamoDB	Amazon Virtual Private Cloud (VPC)
Amazon Elastic Compute Cloud (EC2)	Auto Scaling
Amazon Elastic MapReduce	AWS Direct Connect
Amazon ElastiCache	AWS Elastic Beanstalk
Amazon Glacier	AWS Import/Export
Amazon Mechanical Turk	AWS Storage Gateway
Amazon Relational Database Service (RDS)	Elastic Block Store (EBS)
Amazon Route 53	Elastic Load Balancing
Amazon Simple Email Service (SES)	Product Advertising API
Amazon Simple Notification Service (SNS)	

<http://aws.amazon.com/s3/>

Create Amazon S3 BUCKET Using AWS Management Console

The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with a yellow cube icon, 'Services' dropdown, 'Edit Shortcut', and user info 'Fabian Lim'. Below the navigation is a main content area divided into three columns: 'Welcome', 'Amazon Web Services', and 'Announcements'.

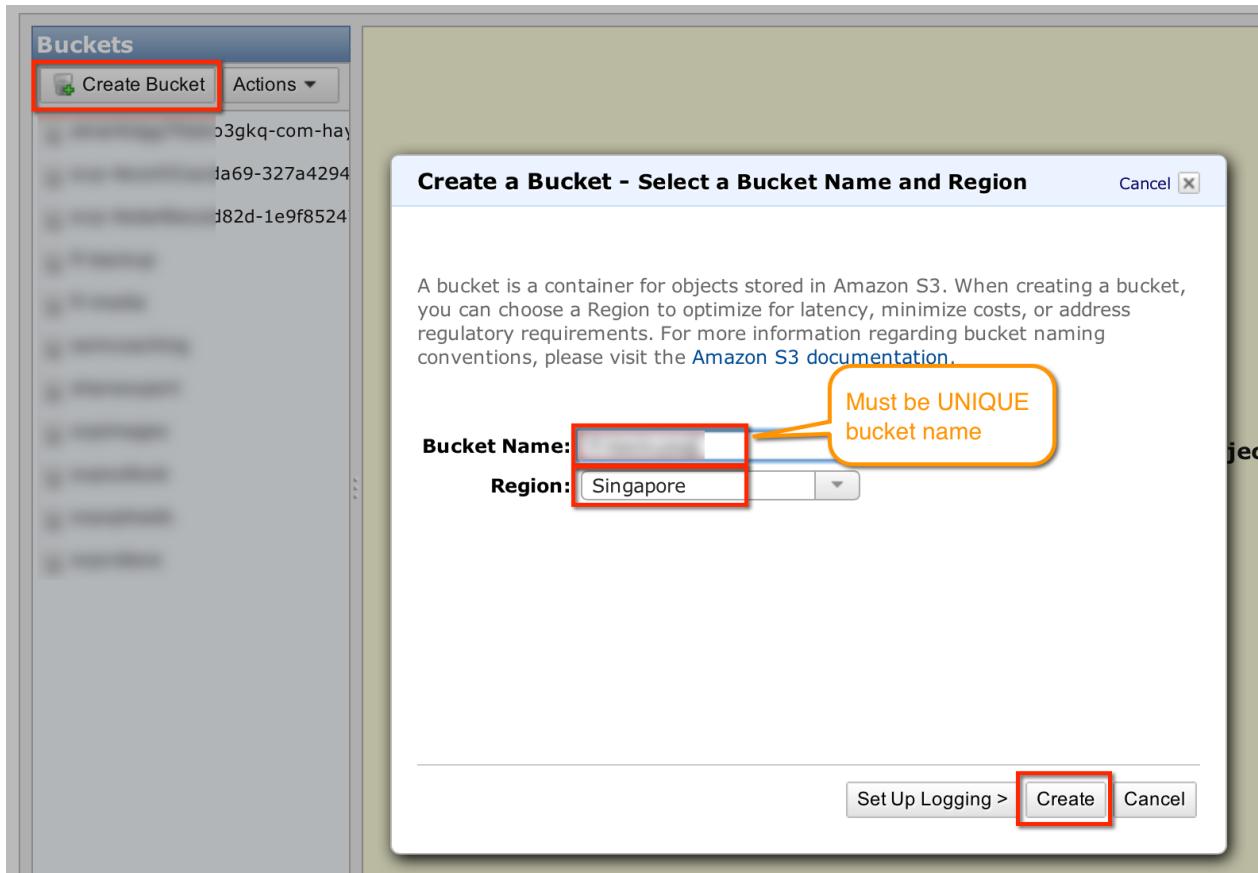
- Welcome:** Describes the AWS Management Console as a graphical interface for Amazon Web Services, with links to 'Getting started guides', 'Reference architectures', and 'Free Usage Tier'.
- Amazon Web Services:** A grid of service icons and names. The 'S3 Scalable Storage in the Cloud' icon is highlighted with a red box. Other services listed include Direct Connect, EC2, Elastic MapReduce, Route 53, VPC, CloudFront, Glaciern, Storage Gateway, DynamoDB, ElastiCache, RDS, CloudFormation, CloudWatch, Elastic Beanstalk, IAM, CloudSearch, SES, SNS, SQS, and SWF.
- Announcements:** A section with several news items:
 - Introducing AWS Elastic Beanstalk Configuration Files
 - AWS Free Usage Tier Now Includes Amazon RDS
 - Amazon CloudFront Private Content Now Supported in the AWS Management Console
 - More...

At the bottom left, there's a 'Set Start Page' dropdown set to 'Console Home'. On the right, there's a 'Service Health' section with a note to click 'Edit' to add services and regions, and a link to the 'Service Health Dashboard'.

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<http://console.aws.amazon.com>

Create Amazon S3 BUCKET



<http://console.aws.amazon.com/s3/>



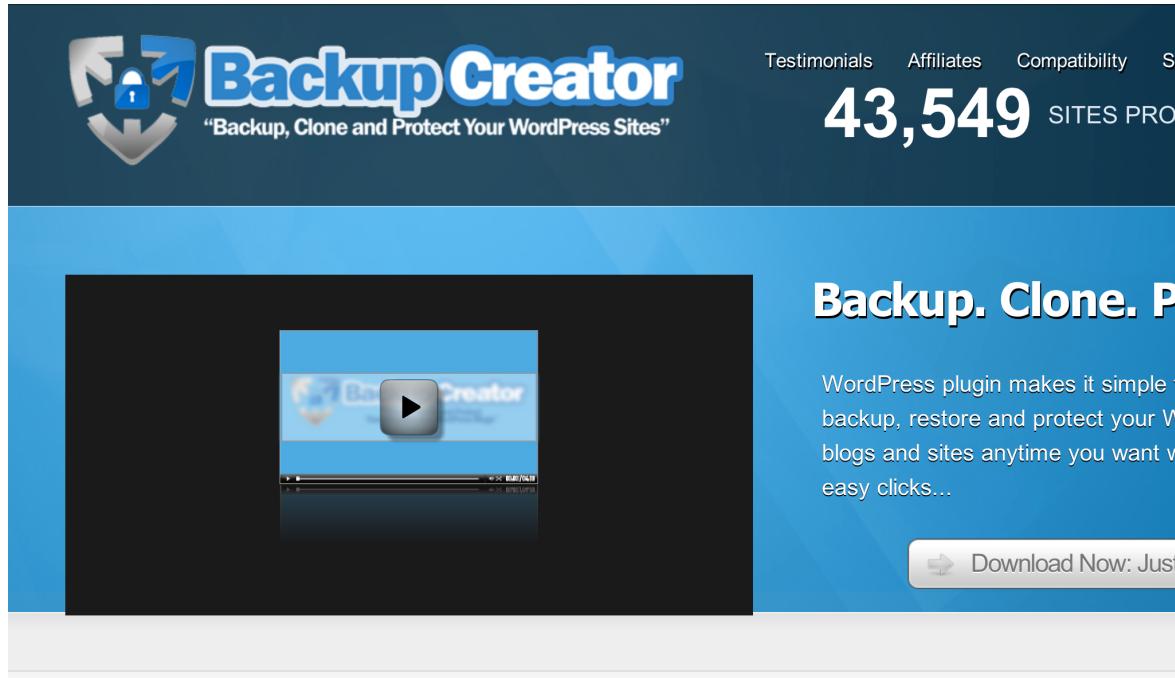
Create Amazon S3 BUCKET

The screenshot shows the AWS S3 console interface. On the left, the 'Buckets' panel lists several existing buckets, with one specific bucket highlighted by a red rectangle. A callout bubble from this highlighted bucket contains the text: 'Confirm bucket has been SUCCESSFULLY created'. On the right, the 'Objects and Folders' panel shows a single folder named 'jkq-com-hay' with a status message: 'The bucket 'jkq-com-hay' is empty'. The 'Actions' dropdown menu is visible at the top of both panels.

<http://console.aws.amazon.com/s3/>

BackUpCreator Plugin Setup

Get Backup Creator ULTIMATE Plugin



The screenshot shows the homepage of the Backup Creator website. At the top, there's a dark header with the Backup Creator logo and tagline "Backup, Clone and Protect Your WordPress Sites". To the right of the logo are links for Testimonials, Affiliates, Compatibility, and Support. A large, bold number "43,549" is displayed next to the text "SITES PROTECTED". Below the header, there's a large blue section containing a video thumbnail with a play button, followed by the text "Backup. Clone. Protect." and a description of the plugin's features. A "Download Now" button is visible at the bottom of this section.

"Simple. Safe. Secure."

Point, click and relax knowing your WordPress sites are safe and secure:
now with automatic scheduling and Amazon S3 support!

<http://www.BackupCreatorPlus.com>

EST.



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Download Backup Creator ULTIMATE Plugin - License Key & License Email

Download Area

Get and install "Backup Creator" Here

[**Download ZIP: Backup Creator 2.3.3 \(224k\)**](#)

(Ultimate Edition)

[Installation Guide - Installation Video](#)

License Key:

License Email:

<http://www.BackupCreatorPlus.com>



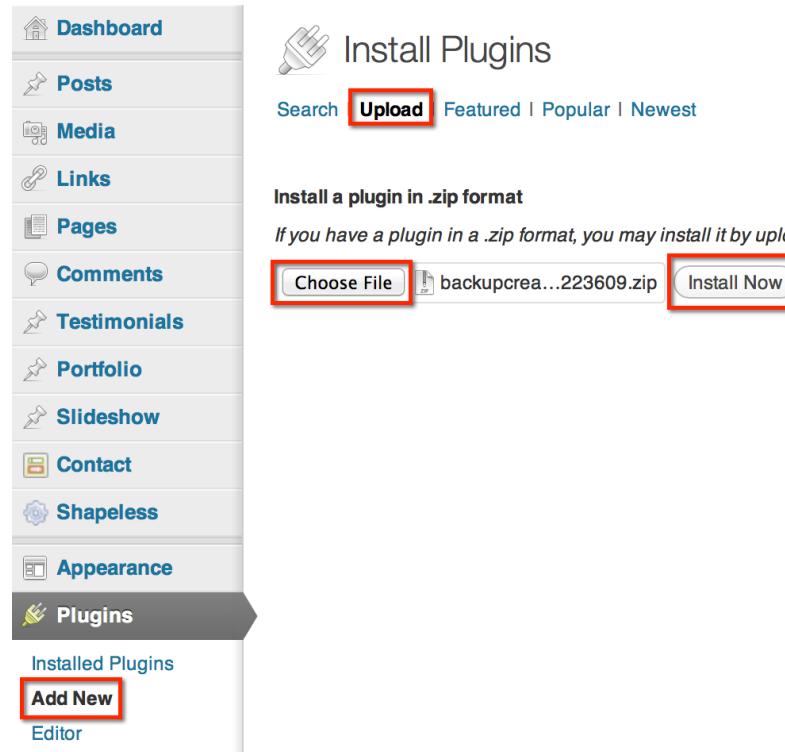
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Login to WordPress Admin

Plugins > Add New > Upload > Choose File



<http://www.yourdomain.com/wp-admin>

Activate Plugin

The screenshot shows the WordPress admin dashboard with the 'Plugins' menu item highlighted in a dark grey bar. The left sidebar contains links for Dashboard, Posts, Media, Links, Pages, Comments, Testimonials, Portfolio, Slideshow, Contact, Shapeless, Appearance, and Plugins. The Plugins link is underlined. Below the sidebar, there are three buttons: 'Installed Plugins', 'Add New', and 'Editor'. The main content area displays a progress message for installing a plugin:

Installing Plugin from
Unpacking the package...
Installing the plugin...
Plugin installed successfully.
[Activate Plugin](#) | [Return to Plugins page](#)

<http://www.yourdomain.com/wp-admin>

Enter License Key & License E-mail

Tools > Backup Creator

The screenshot shows the WordPress Admin Tools page. On the left, a sidebar lists various tools: Dashboard, Posts, Media, Links, Pages, Comments, Testimonials, Portfolio, Slideshow, Contact, Shapeless, Appearance, Plugins, Users, and Tools. Under Tools, Available Tools, Import, Export, and Backup Creator are listed, with Backup Creator highlighted by a red box. The main content area is titled "Backup Creator Key". It contains a red alert box stating "Backup Creator Alert: You need to [enter your license key](#) to begin using the plugin." Below this, instructions say "Please enter your Backup Creator License Key and Email below to activate this plugin." There are two input fields: "Backup Creator Key" and "Backup Creator Email", both of which are also highlighted by red boxes. To the right of the "Key" field is the note "(This was sent to the email you used during your purchase)". To the right of the "Email" field is the note "(Please enter the email you used during your registration/purchase)". A note at the bottom states: "Note: You need to enter the email address you used to PURCHASE Backup Creator, not necessarily the administrator email address of this blog." At the bottom of the form are two buttons: "Save Backup Creator Key" (highlighted by a red box) and "Get New Backup Creator Key".

<http://www.yourdomain.com/wp-admin>



Backup Creator Settings (Part 1)

Backup Creator 2.3.3 Ultimate: Settings

WordPress 3.4.2 | 64-Bit | PHP 5.2.17 | Database: [REDACTED]

Backups **Settings** BACKUP NOW!

Delete backup from this site after uploading

Automatic Backup (click to disable Automatic Backup)

Warning: Please make sure you have enough free disk space in your account before attempting a backup. (Contact your web host if you are unsure.) You are 100% responsible for any problems caused with your website or webhost due to lack of disk space.

Current Server Time: 9:10AM (UTC)
Next Scheduled Backup: Sunday, October 7, 2012 12:00 AM (3 Days, 15 Hours, 21 Minutes, 23 Seconds)

Automatically backup this site

Only keep the most recent automatic backups on this website

Email Backup (click to enable Email Backup)

FTP Backup (click to enable FTP Backup)

Amazon S3 Backup (click to disable S3 Backup)

To obtain your Amazon S3 login information:
Go to aws.amazon.com, click My Account/Console (dropdown on the top right), then Security Credentials, and then Your Access Keys

Access Key ID:
Secret Access Key:
Bucket Name: (i.e. www.clickevents.com.sgBackups)

<http://www.yourdomain.com/wp-admin>

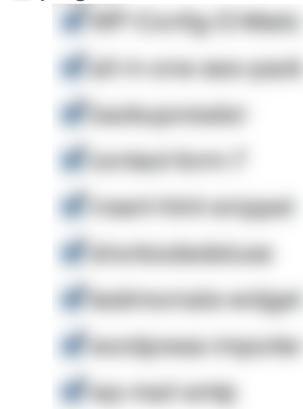


Backup Creator Settings (Part 2)

Backup Folders

The following folders will be backed up ([redacted]):

- wp-admin
- wp-content
- plugins



- themes

It is highly recommended that you "Save & Backup" now to test your settings.

Save Settings

Save & Backup Now

<http://www.yourdomain.com/wp-admin>

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Restore From Backup

Download WP Plugin Backup File Backups Download WP plugin

Backup Creator 2.3.3 Ultimate

WordPress 3.4.2 | 64-Bit | PHP 5.2.17 | Database [REDACTED]

[Backups](#) [Settings](#) [BACKUP NOW!](#)

Welcome to **Backup Creator**. You can use this tool to create a backup for this site. It will give you a zip file to download, which you can upload onto any new WordPress blog, which will restore that backup.

Choose your selection below: either create a backup of this site, or choose which backup you would like to restore.

Warning: Restoring a backup will wipe ALL blog posts, settings, and data from this site and replace it with the restored backup file. You are 100% responsible for testing your backups.

Backup This Site

Restore From File:

(Download Full Backup) [\(Download WP plugin\)](#) Delete

Restore From File Upload: (send from your computer) Choose File no file selected

Restore from URL: (must be a BackupCreator zip file) [\(Restore Using FTP\)](#) [\(Restore Using S3\)](#)

http://

[Backup This Site](#)

[Deactivate License for This Site](#)

<http://www.yourdomain.com/wp-admin>

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Restore From Backup

- ❖ Create basic WordPress installation using cPanel & Fantastico
- ❖ Login to WordPress Admin (yourdomain.com/wp-admin)
- ❖ Then, Plugins > Add New > Upload > Choose File
 - Filename: backupcreator.zip
 - Click 'Install Now' and 'Activate Plugin'
- ❖ Then, Tools > Backup Creator
 - Enter License Key & License E-mail
 - Click 'Save Backup Creator Key'
- ❖ Then Backups > Restore From Backup
 - Select 'Restore from URL'
 - Click 'Restore from Backup'

Restore From Backup On NEW Site

Backup Creator 2.3.3 Ultimate

WordPress 3.4.2 | 64-Bit | PHP 5.2.17 |

[Backups](#) [Settings](#) [BACKUP NOW!](#)

Welcome to **Backup Creator**. You can use this tool to create a backup for this site. It will give you a zip file to download, v onto any new WordPress blog, which will restore that backup.

Choose your selection below: either create a backup of this site, or choose which backup you would like to restore.

Warning: Restoring a backup will wipe ALL blog posts, settings, and data from this site and replace it with the restored ba
You are 100% responsible for testing your backups.

Backup This Site

Restore From File Upload: (send from your computer) no file selected

Restore from URL: (must be a BackupCreator zip file) ([Restore Using FTP](#)) ([Restore Using S3](#))

[Restore From Backup](#)

[Deactivate License for This Site](#)

<http://www.yourdomain.com/wp-admin>

EST.



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Questions?