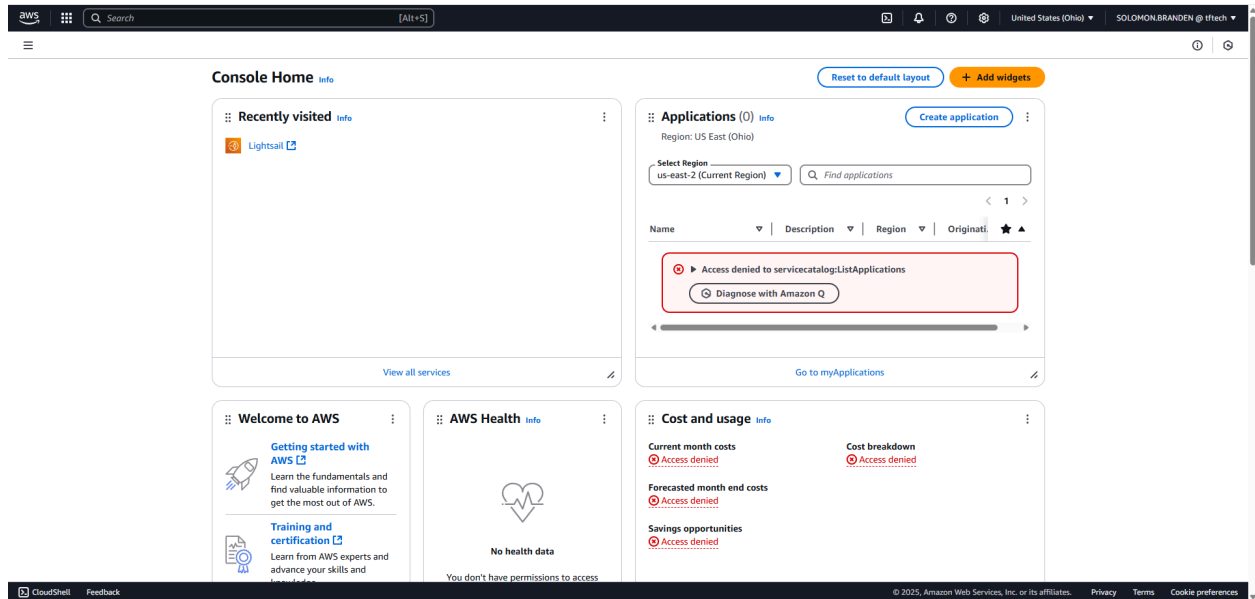


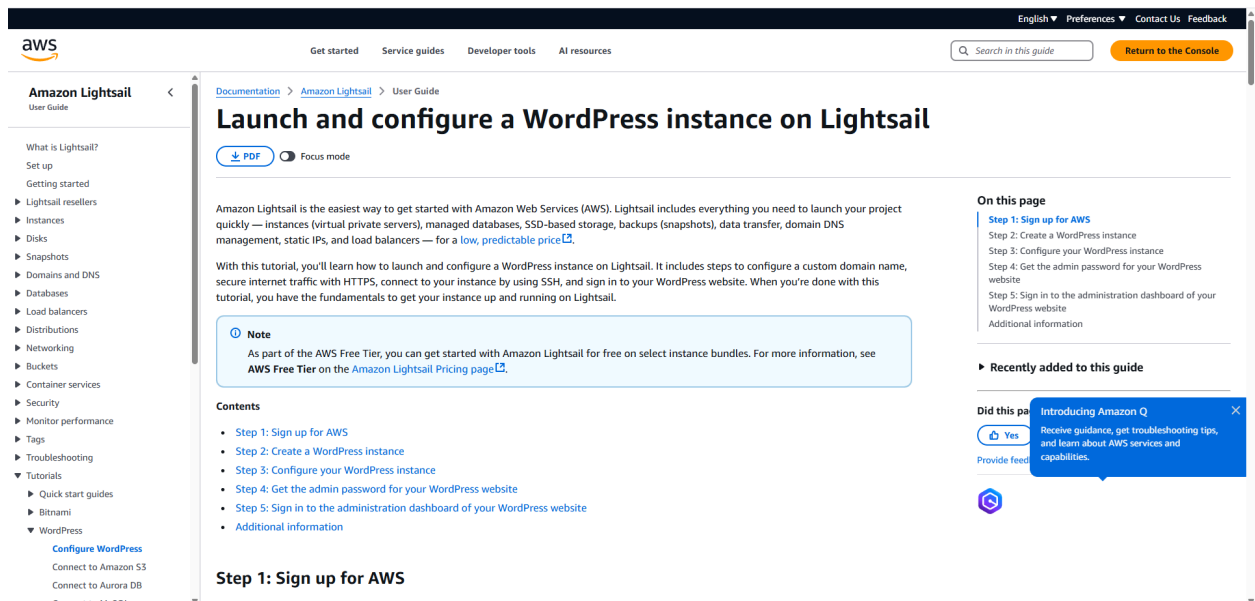
Branden Solomon
4/16/25
Professor Francis
CTEC 402

Wordpress Project

Step 1: AWS Console



Step 2: Using the link to launch WordPress Instance on Lightsail



Step 3: Creating a WordPress Instance

Create an instance

Instance location [Info](#)
 You are creating this instance in **Virginia, Zone A** (us-east-1a)
[Change AWS Region and Availability Zone](#)

Pick your instance image [Info](#)
 The instance image you pick determines the operating system and whether there are any included applications in your instance.

Select a platform

☒ Linux/Unix
27 blueprints

☐ Microsoft Windows
6 blueprints

Select a blueprint

Apps + OS | Operating System (OS) only

<input checked="" type="radio"/> WordPress 6.7.2	<input type="radio"/> WordPress Multisite 6.7.2	<input type="radio"/> LAMP (PHP 8) 8.5.19	<input type="radio"/> Node.js 22.14.0
<input type="radio"/> Joomla 5.2.5	<input type="radio"/> Magento 2.4.7	<input type="radio"/> MEAN 7.0.18	<input type="radio"/> Drupal 11.1.5
<input type="radio"/> GitLab CE 17.9.2-ce.0	<input type="radio"/> Redmine 6.0.4	<input type="radio"/> Nginx 1.26.3	<input type="radio"/> Ghost 5.113.0
<input type="radio"/> Django 5.1.7	<input type="radio"/> PrestaShop 8.2.1	<input type="radio"/> Plesk Hosting Stack on Ubuntu (BYOL) 18.0.66	<input type="radio"/> cPanel & WHM for AlmaLinux RELEASE Tier

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Step 4: Choose the AWS Region and Availability Zone for your instance

Create an instance

Select your instance location [Info](#)
Select a Region
 The closer your instance is to your users, the less latency they will experience. [Learn more about Regions](#)

<input checked="" type="radio"/> Virginia us-east-1	<input type="radio"/> Ohio us-east-2	<input type="radio"/> Montreal ca-central-1	<input type="radio"/> Oregon us-west-2
<input type="radio"/> Ireland eu-west-1	<input type="radio"/> London eu-west-2	<input type="radio"/> Paris eu-west-5	<input type="radio"/> Frankfurt eu-central-1
<input type="radio"/> Stockholm eu-north-1	<input type="radio"/> Tokyo ap-northeast-1	<input type="radio"/> Sydney ap-southeast-2	<input type="radio"/> Mumbai ap-south-1
<input type="radio"/> Seoul ap-northeast-2	<input type="radio"/> Singapore ap-southeast-1		

Availability Zone - optional [Info](#)
 You are creating this instance in **Zone A** (us-east-1a)
[Change your Availability Zone](#)

Pick your instance image [Info](#)
 The instance image you pick determines the operating system and whether there are any included applications in your instance.

Select a platform

☒ Linux/Unix
27 blueprints

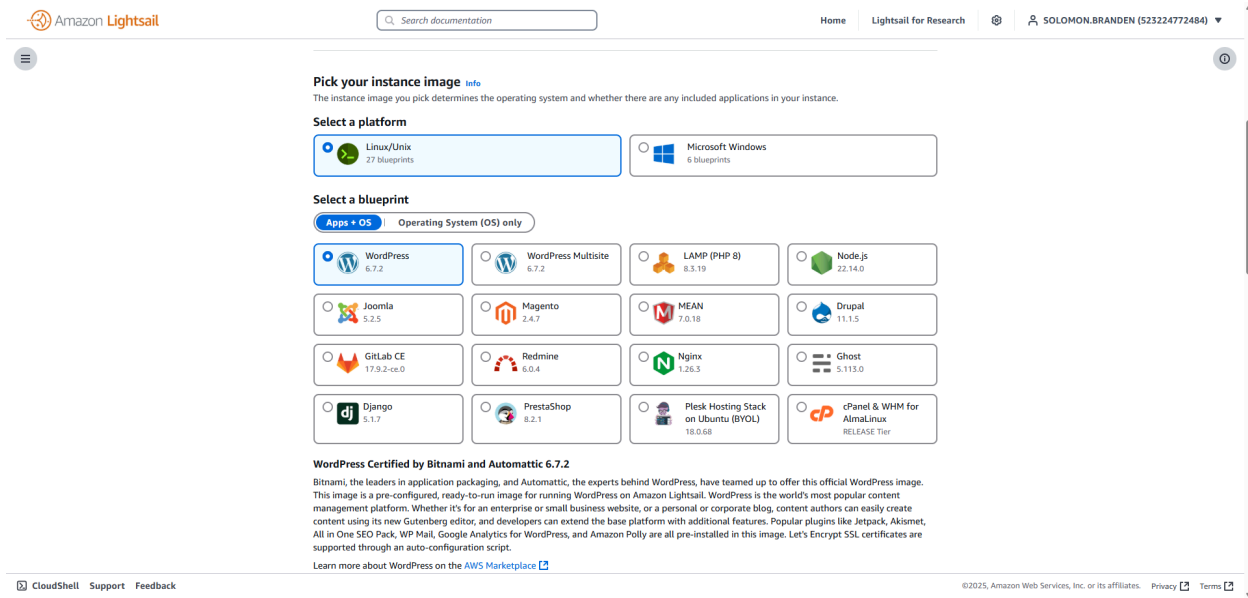
☐ Microsoft Windows
6 blueprints

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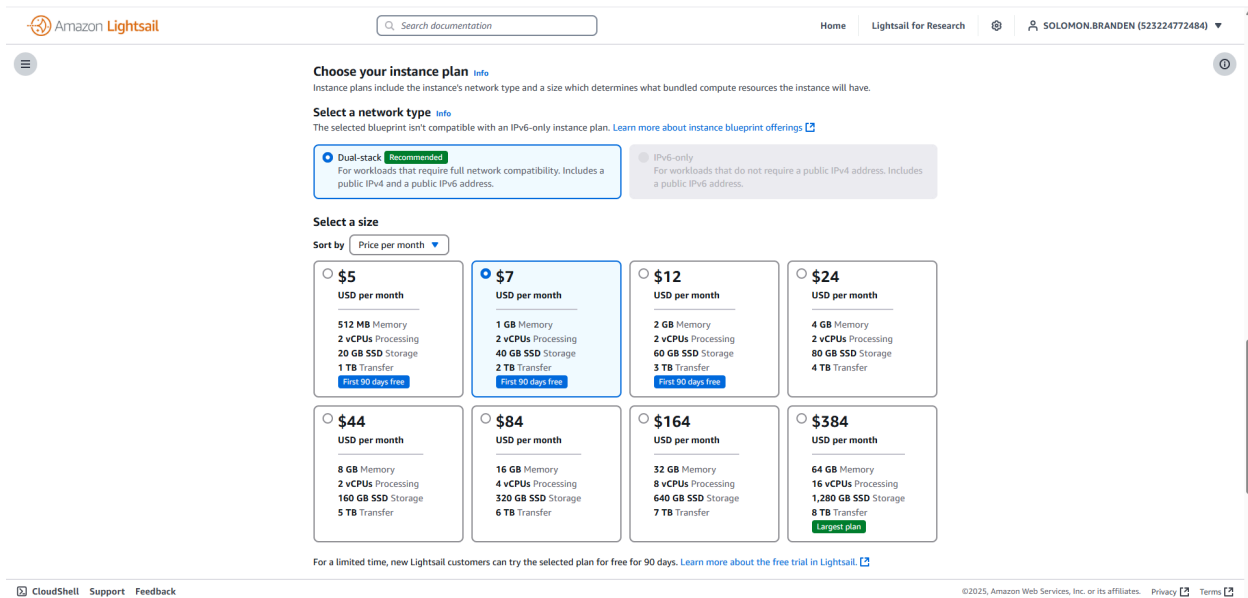
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Step 5: Choose the image for your instance as follows:

- For Select a platform, choose Linux/Unix.
- For Select a blueprint, choose WordPress.



Step 6: Choose an instance plan. A plan includes a machine configuration (RAM, SSD, vCPU) at a low, predictable cost, plus a data transfer allowance.



Step 7: Enter a name for your instance. Resource names:

- Must be unique within each AWS Region in your Lightsail account.
- Must contain 2 to 255 characters.
- Must start and end with an alphanumeric character or number.
- Can include alphanumeric characters, numbers, periods, dashes, and underscores.

Amazon Lightsail

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USD per month
8 GB Memory
2 vCPUs Processing
160 GB SSD Storage
5 TB Transfer

USD per month
16 GB Memory
4 vCPUs Processing
320 GB SSD Storage
6 TB Transfer

USD per month
32 GB Memory
8 vCPUs Processing
640 GB SSD Storage
7 TB Transfer

USD per month
64 GB Memory
16 vCPUs Processing
1,280 GB SSD Storage
8 TB Transfer
Largest plan

For a limited time, new Lightsail customers can try the selected plan for free for 90 days. [Learn more about the free trial in Lightsail.](#)

Identify your instance

Instance name
Instance names help you identify an instance once it's created. The instance name must be unique in the AWS Region for your Lightsail account.

BrandenSolomon-11

Tagging options - optional [Info](#)
You can specify tags to assign to this resource after it's created. Key-value tags are used to filter and organize your resources, organize your billing, and control access to your resources in the Lightsail console.

No tags associated with the resource.

Add new tag

You can add up to 50 tags.

Your use of AWS services is subject to the [AWS Customer Agreement](#).

Create instance

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Step 8: Choose Create instance.

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USD per month
8 GB Memory
2 vCPUs Processing
160 GB SSD Storage
5 TB Transfer

USD per month
16 GB Memory
4 vCPUs Processing
320 GB SSD Storage
6 TB Transfer

USD per month
32 GB Memory
8 vCPUs Processing
640 GB SSD Storage
7 TB Transfer

USD per month
64 GB Memory
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1,280 GB SSD Storage
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Largest plan

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Identify your instance

Instance name
Instance names help you identify an instance once it's created. The instance name must be unique in the AWS Region for your Lightsail account.

BrandenSolomon-11

Tagging options - optional [Info](#)
You can specify tags to assign to this resource after it's created. Key-value tags are used to filter and organize your resources, organize your billing, and control access to your resources in the Lightsail console.

No tags associated with the resource.

Add new tag

You can add up to 50 tags.

Your use of AWS services is subject to the [AWS Customer Agreement](#).

Create instance

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Step 9: Get the admin password for your WordPress website

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BrandenSolomon-1

1 GB RAM, 2 vCPUs, 40 GB SSD

WordPress

Public IPv4 address

54.165.242.71

Private IPv4 address

172.26.6.180

Public IPv6 address

2600:1f18:6822:fa00:5bde:267a:763a:fd66

Default WordPress admin user name

user

Default WordPress admin password

Retrieve default password

Instance status

Running

Access WordPress Admin

ConnectMetricsSnapshotsStorageNetworkingDomainsTagsHistory

Welcome to your WordPress instance
Need help getting started? We recommend you read the [WordPress getting started guide](#) to learn more about your instance.

Set up your WordPress website

Configure your instance to host a secure WordPress website with a custom domain name. [Learn more](#)

Set up your website

Ideal for: Hosting a secure WordPress website with a registered domain

Works best with: A newly launched Lightsail instance

CloudShell Connect Endpoint

https://lightsail.aws.amazon.com/ls/webapp/us-east-1/instances/BrandenSolomon-1/connect#ep-retrieve-password

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Amazon Lightsail

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WordPress credentials

Access default user name

Access default password

The default password for your WordPress website's administration dashboard.

In the following steps, you'll use AWS CloudShell to retrieve your password. CloudShell is a browser-based shell that you can launch directly from the Lightsail console. [Learn more](#)

Step 1

Launch CloudShell to connect to your instance.

Launch CloudShell

Step 2

Copy and paste this command into the CloudShell window:

```
cat <<'EOT' >>/lightsail_connect
set -eu -o pipefail
```

CopiedCopy

CloudShell

us-east-1

Actions

~\$

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```
CloudShell
us-east-1 +

~ $ cat <<'EOF' >>~/lighttail_connect
~
>
> set -eu -o pipefail
>
> instance=$1
>
> gls=$(aws lighttail get-instance-access-details --protocol ssh --instance-name $instance | jq '.accessDetails')
> userhost=$(jq -r '.ipAddress' <<${gls})
> username=$(jq -r '.username' <<${gls})
>
> work_dir=$(mktemp -d)
> trap '[rm -rf $work_dir; ]' EXIT
>
> sh_lines=$(jq -r --arg arg_host $userhost '.hostKeys[] | $arg_host + ".*algorithm" + ".*publicKey' <<${gls})
> while read sh_line; do
>   echo "$sh_line" >> $work_dir/hostkeys
> done <<"$sh_lines"
>
> jq -r '.certKey' <<${gls} > $work_dir/key-cert.pub
> jq -r '.privateKey' <<${gls} > $work_dir/key
> chmod 600 $work_dir/key
>
> shift
> ssh \
> -o StrictHostKeyChecking=yes \
> -o UserKnownHostsFile=$work_dir/hostkeys \
> -i $work_dir/key \
> $username@$userhost \
> $@
> EOF
~ $
~ $ chmod +x ~/lighttail_connect
~ $ aws lighttail us-east-1 ~/lighttail_connect BrandenSolomon-1 cat bitnami_application_password
:ij@bitnami:~$
~ $ |
```

Step 10: Sign in to the administration dashboard of your WordPress website

Amazon Lightsail

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Access the WP-Admin Dashboard

Website URL

Add `/wp-admin` to the end of your website's URL or IP address to access its WP-Admin dashboard.

/wp-admin

Copy

Retrieve your WordPress default user name and password to access your WP-Admin dashboard.


Public IP address

Use your instance's public IP address to access the WP-Admin dashboard if your website isn't secure.

<http://54.165.242.71/wp-admin>

Note: this URL is unencrypted. [Learn more about securing your website](#)

Dismiss



Username or Email Address

Password

☒ Remember Me

Lost your password?

[Go to User's blog](#)

User's blog20New

Howdy, user

Dashboard

Screen OptionsHelp

Dashboard

Home

Updates

Posts

Media

Pages

Comments

Appearance

Plugins

Users


Tools

Settings

Collapse menu

Welcome to WordPress!


[Learn more about the 6.7.2 version.](#)



Author rich content with blocks and patterns

Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.


[Add a new page](#)



Customize your entire site with block themes

Design everything on your site — from the header down to the footer, all using blocks and patterns.

[Open site editor](#)



Switch up your site's look & feel with Styles

Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?

[Edit styles](#)

Site Health Status

No information yet...

Site health checks will automatically run periodically to gather information about your site. You can also [visit the Site Health screen](#) to gather information about your site now.

Quick Draft

Title

Content

What's on your mind?

[Save Draft](#)

At a Glance

1 Post

1 Page

1 Comment

WordPress 6.7.2 running [Twenty Twenty-Five](#) theme.

WordPress Events and News

Drag boxes here

Drag boxes here