

# WEB APP – SINGLE SERVER TO ELASTIC EVOLUTION (STAGE 4) BY ADRIAN CANTRILL

**Note:** The project instructions are detailed in Adrian's GitHub repository.

## Project Link Source:

<https://github.com/acantril/learn-cantrill-io-labs/tree/master/aws-elastic-wordpress-evolution>

In this section, we build **Stage 4**

## Objectives:

- Offload the **wp-content** from the **WordPress instance** by migrating it to an **AWS EFS**. This ensures that in the event of an instance crash, the **application media** and **UI** can survive.

## Instructions:

1. Log in to your AWS Console. Ensure that your account has Administrator Access..
2. Copy and paste the following link into your browser  
<https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/quickcreate?templateURL=https://learn-cantrill-labs.s3.amazonaws.com/aws-elastic-wordpress-evolution/A4LVPC.yaml&stackName=A4LVPC>.

This CloudFormation template will create the infrastructure for our **WordPress** app. Click "**I acknowledge that AWS CloudFormation might create IAM resources**," then click "**Create stack**." Wait for the stack to move into the "**CREATE\_COMPLETE**" state before continuing.

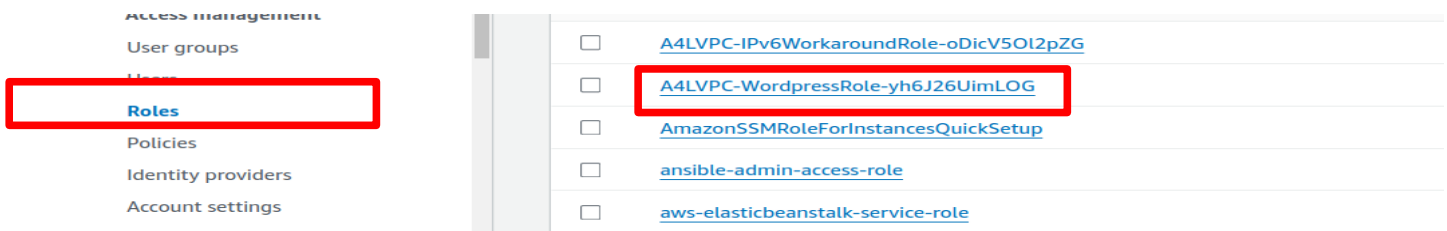
3. Download the CloudFormation template from this link:  
[https://github.com/robudexIT/awsdevopsproject/blob/cloudformation/cloudformation/wordpress/wordpress\\_instance\\_rds\\_efs.yaml](https://github.com/robudexIT/awsdevopsproject/blob/cloudformation/cloudformation/wordpress/wordpress_instance_rds_efs.yaml)

**Note: You can skip step 2 if you already created the stack**

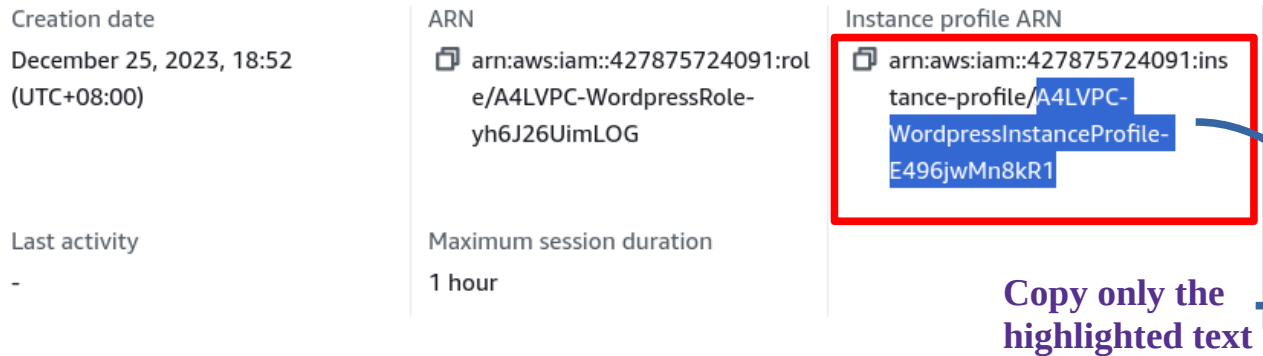
This CloudFormation template contains the same instructions as in **Stage 4**

## 4. Stage4 Instructions Cloudformation:

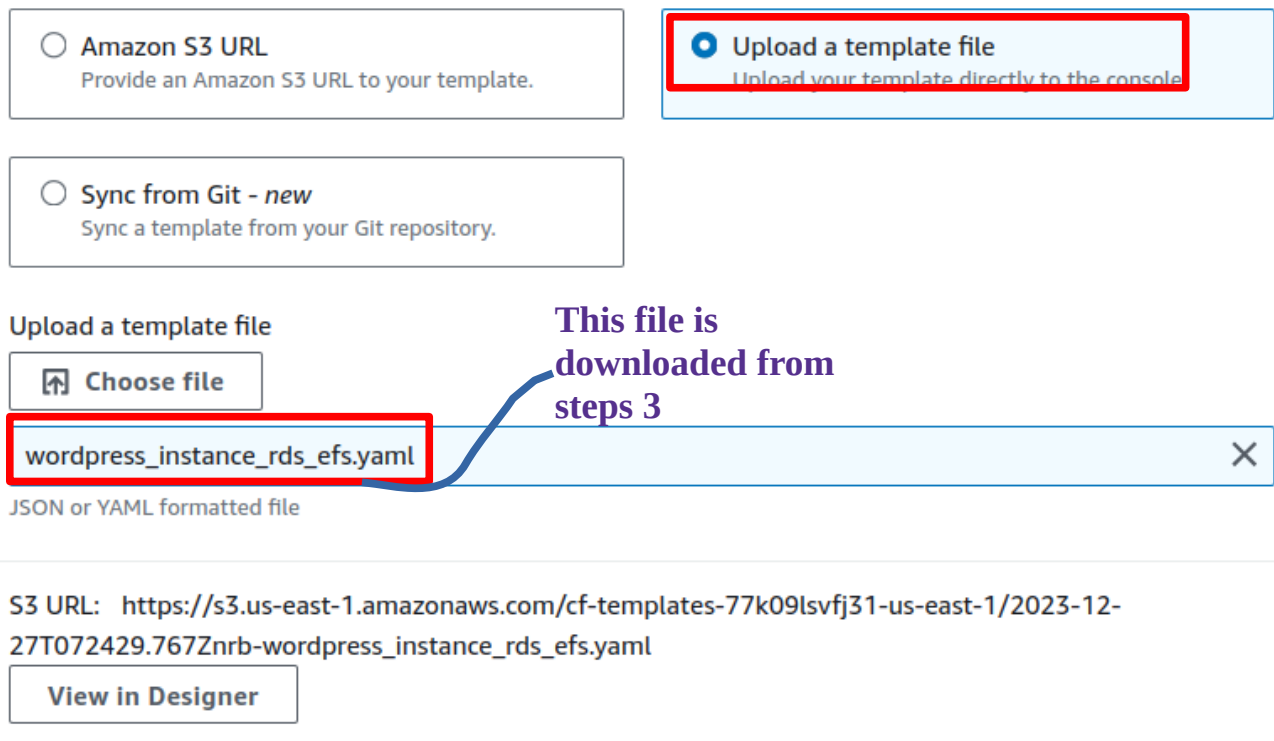
- Goto <https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/roles> and look for A4LVPC-WordpressRole Roles and click it.



- **Copy the Instance Profile Name to your notes**



- **Goto Cloudformation and create stack:**



## Provide a stack name

Stack name

wordpress-rds-efs-stack

Stack name can include letters (A-Z and a-z), numbers (0-9), and dashes (-).



arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd SNAPPC

subnet-0177e21a38dcb177d (172.31.0.0/20)

subnet-0a771ae5a6a2a3a32 (10.16.48.0/20) (sn-pub-A)

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd  
A4LVPC SNPUBA sn-pub-A

subnet-004ebde96b6eb2590 (10.16.16.0/20) (sn-db-A)

A4LVPC SNDBA

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

subnet-05c08ee520a8390db (10.16.96.0/20) (sn-app-B)

SNAPPB A4LVPC sn-app-B

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

subnet-001eec5267b580e13 (10.16.32.0/20) (sn-app-A)

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd  
SNAPPA A4LVPC sn-app-A

subnet-0de2004425a932a05 (172.31.48.0/20)

Select AWS::EC2::Subnet::Id

DbASubnetId

subnet-004ebde96b6eb2590 (10.16.16.0/20) (sn-db-A)



arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

subnet-0ae3364a501411aed (172.31.80.0/20)

subnet-03cd252bf11bd39c4 (10.16.80.0/20) (sn-db-B)

SNDBB A4LVPC

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd sn-db-B

subnet-04b1598174ecd3e3 (10.16.176.0/20) (sn-pub-C)

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd  
A4LVPC SNPUBC sn-pub-C

subnet-0e178090712af5d85 (172.31.32.0/20)

subnet-083c530ba7cac3831 (10.16.112.0/20) (sn-pub-B)

A4LVPC

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd  
sn-pub-B SNPUBB

Select AWS::EC2::Subnet::Id

DbBSubnetId

subnet-03cd252bf11bd39c4 (10.16.80.0/20) (sn-db-B)

DbCSubnetId

DbC Subnet

Select AWS::EC2::Subnet::Id

DbA Subnet

subnet-004ebde96b6eb2590

DbBSubnetId

DbB Subnet

subnet-03cd252bf11bd39c4

DbCSubnetId

DbC Subnet

Select AWS::EC2::Subnet::Id

Q |

subnet-0899480f8d321a331 (172.31.16.0/20)

subnet-0098ca08e03981651 (172.31.64.0/20)

subnet-0d6aed522b2f7921c (10.16.144.0/20) (sn-db-C)

sn-db-C A4LVPC SNDBB

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

subnet-0ae3364a501411aed (172.31.80.0/20)

subnet-03cd252bf11bd39c4 (10.16.80.0/20) (sn-db-B)

SNDBB A4LVPC

Name of an existing KeyPair to enable SSH access to the Instance

DbCSubnetId

subnet-0d6aed522b2f7921c (10.16.144.0/20)

subnet-0d6aed522b2f7921c

Q |

A4LVPC-SGLoadBalancer-W0TDFW1NXCG3 (sg-02b85935e398bd32e)

SGLoadBalancer A4LVPC

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

default (sg-07ed7f8f6da8f7bd2)

default (sg-0e7434be34ae371ae)

A4LVPC-SGEFS-E9OClKGONR7K (sg-04b9c54cd792738f2)

A4LVPC

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd SGEFS

default (sg-0afc412c475946c55)

A4LVPC-SGDatabase-HPS0ZRPJB29C (sg-0e57ec766b5e64939)

A4LVPC SGDatabase

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

vprofile-alb-sg (sg-08009d847ef92d83b)

Select AWS::EC2::SecurityGroup::Id

RdsSecurityGroupID

A4LVPC-SGDatabase-HPS0ZRPJB29C (sg-0e57ec766b5e64939)

SSHLocation

The IP address or group of IP Address that allowed to access EC2 Instance

0.0.0.0/0

primary-ec2-keypair

Q

vprofile-backend-sg (sg-0702b0f5cce362f00)

primaryrootstack-VPCStack-16LRMPJIDMSQC-BackendSg-TA4QRS9WD5MM (sg-0fcb7b2befd2cfc18)  
(BackendSg)  
arn:aws:cloudformation:us-east-1:427875724091:stack/primaryrootstack-VPCStack-16LRMPJIDMSQC/7e03a0c0-71cf-11ee-8717-0eb7c939d005  
BackendSg BackendSg primaryrootstack-VPCStack-16LRMPJIDMSQC

A4LVPC-SGWordpress-8D9EXLG7YMTX (sg-0c5012c6840ff7a02)

arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-81e8-024fe2435afd  
A4LVPC SGWordpress

A4LVPC-SGWordpress-8D9EXLG7YMTX (sg-0c5012c6840

vprofile-frontend-sg (sg-037b0a748275fe2cc)

Select AWS::EC2::SecurityGroup::Id

WordpressSubnetId  
Subnet of for Wordpress Server

Select AWS::EC2::Subnet::Id

Cancel Previous Next

#### InstanceProfileRole

Role use by the ec2 instance in your behalf

A4LVPC-WordpressInstanceProfile-E496jwMn8kR1

primary-ec2-keypair

Q |

subnet-0921b5419555cd4a4 (192.168.10.0/24) (backendPubSub01)  
primaryrootstack-VPCStack-16LRMPJIDMSQC BackendPubSub01 BackendPubSub01  
arn:aws:cloudformation:us-east-1:427875724091:stack/primaryrootstack-VPCStack-16LRMPJIDMSQC/7e03a0c0-71cf-11ee-8717-0eb7c939d005

subnet-048c1b4194fa799ca (10.16.160.0/20) (sn-app-C)  
sn-app-C A4LVPC  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd SNAPPC

subnet-0177e21a38dcb177d (172.31.0.0/20)

subnet-0a771ae5a6a2a3a32 (10.16.48.0/20) (sn-pub-A)  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd  
A4LVPC SNPUBA sn-pub-A

subnet-004ebde96b6eb2590 (10.16.16.0/20) (sn-db-A)  
A4LVPC SNDBA  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd sn-db-A

subnet-05c08ee520a8390db (10.16.96.0/20) (sn-app-B)  
SNAPPB A4LVPC sn-app-B

Select AWS::EC2::Subnet::Id

Cancel Previous Next

WordpressSubnetId

subnet-0a771ae5a6a2a3a32 (10.16.48.0/20)

## EFSASubnetID

DbC Subnet

Select AWS::EC2::Subnet::Id

Q

subnet-004ebde96b6eb2590 (10.16.16.0/20) (sn-db-A)  
A4LVPC SNDBA  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd sn-db-A

subnet-05c08ee520a8390db (10.16.96.0/20) (sn-app-B)  
SNAPPB A4LVPC sn-app-B  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

subnet-001eec5267b580e13 (10.16.32.0/20) (sn-app-A)  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd  
SNAPPA A4LVPC sn-app-A

subnet-0de2004425a932a05 (172.31.48.0/20)

subnet-0899480f8d321a331 (172.31.16.0/20)

EFSASubnetID

subnet-001eec5267b580e13 (10.16.32.0/20)



## EFSBSubnetID

DbC Subnet

Select AWS::EC2::Subnet::Id ▲

Q

subnet-048c1b4194fa799ca (10.16.160.0/20) (sn-app-C)  
sn-app-C A4LVPC  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd SNAPPC

subnet-0177e21a38dcb177d (172.31.0.0/20)

subnet-0a771ae5a6a2a3a32 (10.16.48.0/20) (sn-pub-A)  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd  
A4LVPC SNPUBA sn-pub-A

subnet-004ebde96b6eb2590 (10.16.16.0/20) (sn-db-A)  
A4LVPC SNDBA  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd sn-db-A

subnet-05c08ee520a8390db (10.16.96.0/20) (sn-app-B)  
SNAPPB A4LVPC sn-app-B  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

subnet-001eec5267b580e13 (10.16.32.0/20) (sn-app-A)  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd  
SNAPPA A4LVPC sn-app-A

subnet-05c08ee520a8390db (10.16.96.0/20) (sn-app-B)

t2.micro

EFSBSubnetID

## EFSCSubnetID

DbC Subnet

Select AWS::EC2::Subnet::Id ▲

Q |

subnet-05b424f6c32efe54f (192.168.11.0/24) (BackendPubSub02)  
BackendPubSub02 BackendPubSub02  
arn:aws:cloudformation:us-east-1:427875724091:stack/primaryrootstack-VPCStack-16LRMPJIDMSQC/7e03a0c0-71cf-11ee-8717-0eb7c939d005  
primaryrootstack-VPCStack-16LRMPJIDMSQC

subnet-0921b5419355cd4a4 (192.168.10.0/24) (BackendPubSub01)  
primaryrootstack-VPCStack-16LRMPJIDMSQC BackendPubSub01 BackendPubSub01  
arn:aws:cloudformation:us-east-1:427875724091:stack/primaryrootstack-VPCStack-16LRMPJIDMSQC/7e03a0c0-71cf-11ee-8717-0eb7c939d005

subnet-048c1b4194fa799ca (10.16.160.0/20) (sn-app-C)  
sn-app-C A4LVPC  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd SNAPPC

subnet-0177e21a38dcb177d (172.31.0.0/20)

subnet-0a771ae5a6a2a3a32 (10.16.48.0/20) (sn-pub-A)  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd  
A4LVPC

subnet-004ebde96b6eb2590 (10.16.16.0/20) (sn-db-A)

subnet-048c1b4194fa799ca (10.16.160.0/20) (sn-app-C)

Headphones

EFSCSubnetID

## EFSSecurityGroupId

Security Group of Wordpress Instance

Select AWS::EC2::SecurityGroup::Id▲

Q

A4LVPC-SGLoadBalancer-W0TDFW1NXCG3 (sg-02b85935e398bd32e)  
SGLoadBalancer A4LVPC  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

default (sg-07ed7f8f6da8f7bd2)

default (sg-0e7434be34ae371ae)

A4LVPC-SGEFS-E9OClKGONR7K (sg-04b9c54cd792738f2)  
A4LVPC  
arn:aws:cloudformation:us-east-1:427875724091:stack/A4LVPC/b3408440-a313-11ee-afd6-0e2f34435afd

default (sg-0afc412c475946c55)

A4LVPC-SGDatabase-HPS0ZRPJB29C (sg-0e57ec766b5e64939)  
A4LVPC SGDatabase

EFSSecurityGroupId

Cancel

Previous

Next



► **Stack policy**

Defines the resources that you want to protect from unintentional updates during a stack update.

► **Rollback configuration**

Specify alarms for CloudFormation to monitor when creating and updating the stack. If the operation breaches an alarm threshold, CloudFormation rolls it back.

► **Notification options**

► **Stack creation options**

Cancel

Previous

Next

**No notification options**

There are no notification options defined

**Stack creation options**

Timeout

-

Termination protection

Deactivated

► **Quick-create link**

Create change set

Cancel

Previous


Submit

## wordpress-rds-efs-stack

[Delete](#) [Update](#) [Stack actions ▼](#)

[Stack info](#) [Events](#) [Resources](#) [Outputs](#) [Parameters](#) [Template](#) [Change sets](#) [Git sync - new](#)

### Overview


Stack ID	Description
<a href="#">arn:aws:cloudformation:us-east-1:427875724091:stack/wordpress-rds-efs-stack/d7cfdc70-a48a-11ee-8b3b-12b23cdf40dd</a>	-
Status	Status reason
 <b>CREATE_COMPLETE</b>	-

- Check If the **AWS EFS** is created successfully.

[Amazon EFS](#) > [File systems](#)

### File systems (1)

[Refresh](#) [View details](#) [Delete](#) [Create file system](#)

	Name ▼	File system ID ▼	Encrypte d ▼	Total size ▼	Size in Standard ▼	Size in IA
<input type="radio"/>	<a href="#">A4L-WORDPRES-S-CONTENT</a>	<a href="#">fs-0c55570aba-d67b7c3</a>	 Unencry pted	6.00 KiB	6.00 KiB	0 Bytes

- Go to <https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:sort=desc:tag:Name>
- Select the Wordpress Instance and copy the Public IP Address and paste it to browser address bar
- If this page will appear that means the wordpress setup is successful

Instances (1/1) Info

Refresh

Connect

Instance state ▼

Actions ▼

Launch instances ▼

Find Instance by attribute or tag (case-sensitive)

Instance state = running X

Clear filters

< 1 > ⚙

<input checked="" type="checkbox"/>	Name ↗ ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm
<input checked="" type="checkbox"/>	Wordress	i-0817aa04f4680068d	Running 🔍 🔍	t2.micro	2/2 checks passed	View

## Instance: i-0817aa04f4680068d (Wordress)

[Details](#) | 
 [Status and alarms](#) [New](#) | 
 [Monitoring](#) | 
 [Security](#) | 
 [Networking](#) | 
 [Storage](#) | 
 [Tags](#)

### ▼ Networking details [Info](#)

Public IPv4 address

[📄](#) 3.85.164.146 [open address](#) [🔗](#)

Private IPv4 addresses

[📄](#) 10.16.57.211

VPC ID

[📄](#) vpc-0eeaf7394e3f227a6 (A4LVPC) [🔗](#)

**Paste this Public Ip  
Address to Browser**

## Welcome

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

## Information needed

Please provide the following information. Do not worry, you can always change these settings later.

**Site Title**

**Username**

Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.

**Password**  [Hide](#)

Strong

**Important:** You will need this password to log in. Please store it in a secure location.

**Your Email**

Double-check your email address before continuing.

**Search engine visibility** ☐ Discourage search engines from indexing this site

It is up to search engines to honor this request.

[Install WordPress](#)

- **Let Perform Initial Configuration and make a post**

## Welcome

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

### Information needed

Please provide the following information. Do not worry, you can always change these settings later.

Site Title

Catagram

Username

admin

Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.

Password

4n1m4l54L1f3

Hide

Medium

**Important:** You will need this password to log in. Please store it in a secure location.

Your Email

rogmer.bulaciac@gmail.com

~~Double check your email address before continuing.~~


Search engine visibility

☐ Discourage search engines from indexing this site

It is up to search engines to honor this request.

Install WordPress

Click This



## Success!

WordPress has been installed. Thank you, and enjoy!

Username

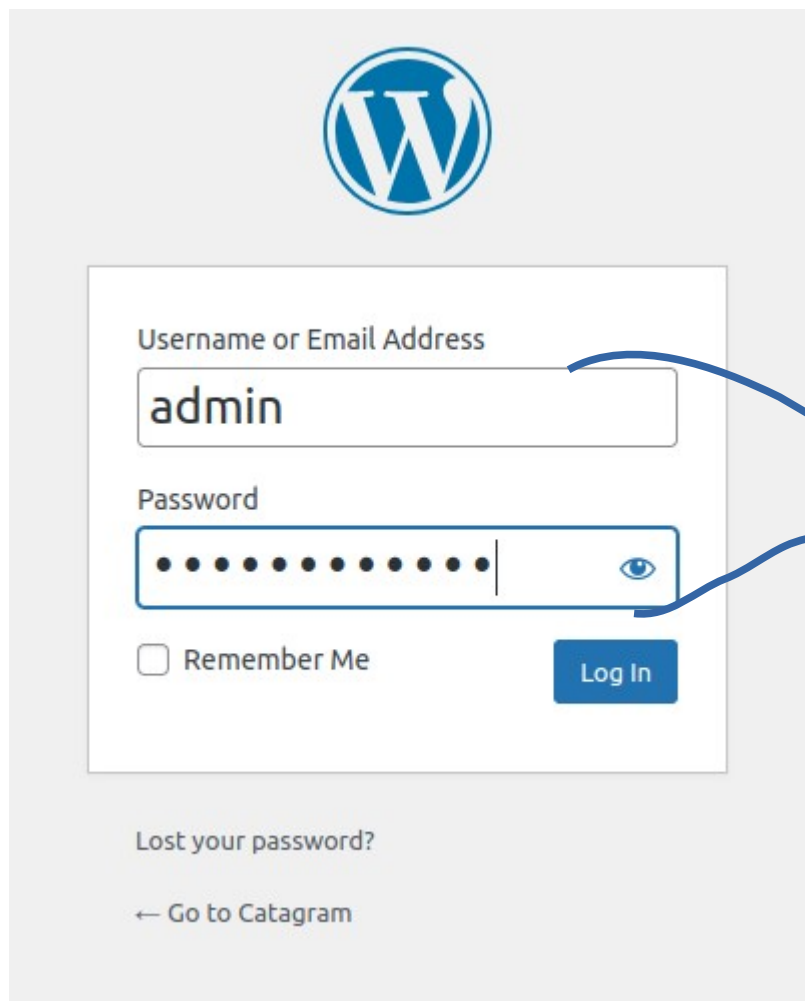
admin

Password

Your chosen password.

Log In

Click This



The image shows the WordPress login interface. At the top is the WordPress logo. Below it is a white box containing the login form. The form has two input fields: 'Username or Email Address' with the text 'admin' entered, and 'Password' which is masked with dots. To the right of the password field is an eye icon. Below the password field is a checkbox labeled 'Remember Me' and a blue 'Log In' button. At the bottom of the form box are the links 'Lost your password?' and '← Go to Catagram'.

**Login User and Password here:**

- Click Posts in the menu on the left
- Select Hello World! Click Bulk Actions and select Move to Trash Click Apply
- Click Add New
- If you see any popups close them down
- For title The Best Animal(s)!
- Click the + under the title, select Gallery Click Upload
- Select some animal pictures.... if you dont have any use google images to download some Upload them
- Click Publish
- Click Publish Click view Post

## Final Result:



- Let's log in to our instance to ensure that **AWS EFS** mount mounted:

[EC2](#) > [Instances](#) > [i-0817aa04f4680068d](#) > Connect to instance

### Connect to instance [Info](#)

Connect to your instance i-0817aa04f4680068d (Wordress) using any of these options

EC2 Instance Connect

**Session Manager**

SSH client

EC2 serial console

Session Manager usage:

- Connect to your instance without SSH keys, a bastion host, or opening any inbound ports.
- Sessions are secured using an AWS Key Management Service key.
- You can log session commands and details in an Amazon S3 bucket or CloudWatch Logs log group.
- Configure sessions on the Session Manager [Preferences](#) [page](#).

**Click This**

Cancel **Connect**



```

sh-5.2$ sudo su
[root@ip-10-16-49-47 bin]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        4.0M   0    4.0M   0% /dev
tmpfs           475M   0    475M   0% /dev/shm
tmpfs           190M  2.9M   188M   2% /run
/dev/xvda1      8.0G  2.0G   6.0G  25% /
tmpfs           475M   0    475M   0% /tmp
/dev/xvda128    10M  1.3M   8.7M  13% /boot/efi
127.0.0.1:/      8.0E   0    8.0E   0% /var/www/html/wp-content
tmpfs          95M   0    95M   0% /run/user/0
[root@ip-10-16-49-47 bin]# mount

```

## Output using mount command

```

tracefs on /sys/kernel/tracing type tracefs (rw,nosuid,nodev,noexec,relatime,seclabel)
tmpfs on /tmp type tmpfs (rw,nosuid,nodev,seclabel,size=486208k,nr_inodes=1048576)
ramfs on /run/credentials/systemd-sysctl.service type ramfs (ro,nosuid,nodev,noexec,relatime,seclabel,mode=700)
fusectl on /sys/fs/fuse/connections type fusectl (rw,nosuid,nodev,noexec,relatime)
configfs on /sys/kernel/config type configfs (rw,nosuid,nodev,noexec,relatime)
ramfs on /run/credentials/systemd-tmpfiles-setup-dev.service type ramfs (ro,nosuid,nodev,noexec,relatime,seclabel,mode=700)
systemd-1 on /boot/efi type autofs (rw,relatime,fd=38,pgrp=1,timeout=0,minproto=5,maxproto=5,direct,pipe_ino=24131)
ramfs on /run/credentials/systemd-tmpfiles-setup.service type ramfs (ro,nosuid,nodev,noexec,relatime,seclabel,mode=700)
/dev/xvda128 on /boot/efi type vfat (rw,noatime,fmask=0077,dmask=0077,codepage=437,iocharset=ascii,shortname=nt-ro,x-systemd.automount)
sunrpc on /var/lib/nfs/rpc_pipefs type rpc_pipefs (rw,relatime)
127.0.0.1:/ on /var/www/html/wp-content type nfs4 (rw,relatime,vers=4.1,rsize=1048576,wsiz=1048576,namlen=255,hard,proto=tcp,port=2049,timeo=600,retrans=2,sec=sys,clientaddr=127.0.0.1,local_lock=none,addr=127.0.0.1,netdev)
tmpfs on /run/user/0 type tmpfs (rw,nosuid,nodev,relatime,seclabel,size=97240k,nr_inodes=24310,mode=700)

```

```

| /sys/fs/pstore           pstore      pstore      rw,nosuid,nodev,noexec,relatime,seclabel
| /sys/fs/bpf              bpf         bpf         rw,nosuid,nodev,noexec,relatime,mode=700
| /sys/fs/selinux          selinuxfs   selinuxfs   rw,nosuid,noexec,relatime
| /sys/kernel/debug        debugfs     debugfs     rw,nosuid,nodev,noexec,relatime,seclabel
| /sys/kernel/tracing      tracefs     tracefs     rw,nosuid,nodev,noexec,relatime,seclabel
| /sys/fs/fuse/connections fusectl      fusectl     rw,nosuid,nodev,noexec,relatime
| /sys/kernel/config       configfs    configfs    rw,nosuid,nodev,noexec,relatime
| /dev                     devtmpfs    devtmpfs    rw,nosuid,seclabel,size=4096k,nr_inodes=118922,mode=755
| /dev/shm                 tmpfs       tmpfs       rw,nosuid,nodev,seclabel
| /dev/pts                 devpts      devpts      rw,nosuid,noexec,relatime,seclabel,gid=5,mode=620,ptmxmode=000
| /dev/hugepages            hugetlbfs   hugetlbfs   rw,relatime,seclabel,pagesize=2M
| /dev/mqueue              mqueue      mqueue      rw,nosuid,nodev,noexec,relatime,seclabel
| /run                     tmpfs       tmpfs       rw,nosuid,nodev,seclabel,size=194484k,nr_inodes=819200,mode=755
| /run/credentials/systemd-sysctl.service ramfs       ramfs       ro,nosuid,nodev,noexec,relatime,seclabel,mode=700
| /run/credentials/systemd-tmpfiles-setup-dev.service ramfs       ramfs       ro,nosuid,nodev,noexec,relatime,seclabel,mode=700
| /run/credentials/systemd-tmpfiles-setup.service ramfs       ramfs       ro,nosuid,nodev,noexec,relatime,seclabel,mode=700
| /run/user/0              tmpfs       tmpfs       rw,nosuid,nodev,relatime,seclabel,size=97240k,nr_inodes=24310,mode=700
| /tmp                     tmpfs       tmpfs       rw,nosuid,nodev,seclabel,size=486208k,nr_inodes=1048576
| /boot/efi                systemd-1   autofs      rw,relatime,fd=38,pgrp=1,timeout=0,minproto=5,maxproto=5,direct,pipe_ino=24131
| /boot/efi                /dev/xvda128 vfat        rw,noatime,fmask=0077,dmask=0077,codepage=437,iocharset=ascii,shortname=nt-ro,x-systemd.automount
| /var/lib/nfs/rpc_pipefs  sunrpc      rpc_pipefs  rw,relatime
| /var/www/html/wp-content 127.0.0.1:/ nfs4        rw,relatime,vers=4.1,rsize=1048576,wsiz=1048576,namlen=255,hard,proto=tcp,port=2049,timeo=600,retrans=2,sec=sys,clientaddr=127.0.0.1,local_lock=none,addr=127.0.0.1,netdev)

```

## Output using findmnt command

## Finally verified in fstab

```
[root@ip-10-16-49-47 bin]#  
[root@ip-10-16-49-47 bin]# cat /etc/fstab  
#  
UUID=765bfc7d-5880-4887-aba3-91f9c0e8091a / xfs defaults,noatime 1 1  
UUID=8618-3DE8 /boot/efi fat defaults,noatime,uid=0,gid=0,umask=0077,shortname=windows-filesystem  
fs-0c55570abad67b7c3:/ /var/www/html/wp-content efs _netdev,tls,iam 0 0  
[root@ip-10-16-49-47 bin]#
```

Thats Conclude the **Stage 4.....**

You can delete the the **wordpress-stack..** dont delete the **A4LVPC** we will need it in **Stage 5**