RDS Demo

1. Create Aurora MySQL RDS. Follow Link -
   https://aws.amazon.com/getting-started/hands-on/create-mysql-db/

   DB user: **admin**
   DB password: **password**
   DB-identifier: devops-wordpress
   Initial DB: wordpress_db

2. Create new EC2 instance and install Wordpress blog on EC2 instance using below
   user-data.

   #!/bin/bash -ex
   exec > >(tee /var/log/user-data.log|logger -t user-data -s 2>/dev/console) 2>&1

   echo Begin: Packages Install
   yum update -y
   yum install httpd -y
   sudo amazon-linux-extras install -y php7.2
   systemctl start httpd
   systemctl enable httpd
   echo End: Packages Install

   echo Begin: Configure Wordpress
   wget https://wordpress.org/latest.tar.gz
   tar -xzf latest.tar.gz
   cp wordpress/wp-config-sample.php wordpress/wp-config.php
   cp -r wordpress/ /var/www/html/*
   sudo chown -R apache /var/www
   sudo chgrp -R apache /var/www
   sudo chmod 2775 /var/www
   find /var/www -type d -exec sudo chmod 2775 {} \;
   find /var/www -type f -exec sudo chmod 0644 {} \;
   sudo systemctl restart httpd
   echo End: Configure Wordpress

3. Connect EC2 instance and edit wp-config
   vim /var/www/html/wp-config.php

   define('DB_NAME', 'wordpress_db');
   define('DB_USER', 'admin');
   define('DB_PASSWORD', 'password');

define('DB_HOST', 'RDS-host-name');

4. Change httpd.conf
   sudo vim /etc/httpd/conf/httpd.conf

   Find the section that starts with <Directory "/var/www/html"> and change the
   AllowOverride None line to **AllowOverride All**

5. Restart httpd service
   sudo systemctl restart httpd