Lab 1

VPCs

Graphical user interface, text, application

Description automatically generated

Route tables

Graphical user interface, text, application, email

Description automatically generated

NAT gateways

Graphical user interface, text, application

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EC2 Instances

Graphical user interface, text, application, email

Description automatically generated Graphical user interface, text, email

Description automatically generated

Commands

WINDOWS: pscp -i Downloads\iti-key.ppk Downloads\iti-key.pem ec2-user@52.91.228.235:/home/ec2-user

$ sudo yum update

$ chmod 600 iti-key.pem

$ sudo yum install httpd

$ sudo systemctl start httpd

$ sudo yum clean metadata

$ sudo amazon-linux-extras enable php7.4

$ sudo yum install php php {pear,cgi,common,curl,mbstring,gd,mysqlnd,gettext,bcmath,json,xml,fpm,intl,zip,imap}

$ cd /var/www/html/

$ sudo wget https://wordpress.org/latest.tar.gz

$ sudo tar zxf latest.tar.gz

$ cd ~

$ sudo systemctl restart httpd

$ ssh -i iti-key.pem ec2-user@10.0.136.56

$ sudo yum install https://dev.mysql.com/get/mysql80-community-release-el7-5.noarch.rpm

$ sudo amazon-linux-extras install epel -y

$ sudo yum -y install mysql-community-server

$ sudo systemctl enable --now mysqld

$ systemctl status mysqld

$ sudo grep 'temporary password' /var/log/mysqld.log

$ sudo mysql\_secure\_installation -p

$ mysql -u root -p

mysql> create database wordpress;

mysql> CREATE USER 'admin'@'10.0.10.178' IDENTIFIED BY 'Password@1234';

// Private IPv4 addresses (wordpress machine) -> '10.0.10.178'

mysql> GRANT ALL PRIVILEGES ON \*.\* TO 'admin'@'10.0.10.178' WITH GRANT OPTION;

mysql> FLUSH PRIVILEGES;

mysql> exit;

$ exit

$ cd /var/www/html/

$ sudo chown -R apache wordpress

<http://52.91.228.235/wordpress/>

Graphical user interface, text

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