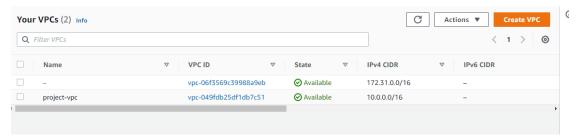
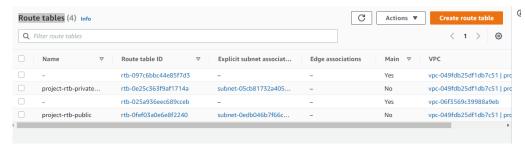
Lab 1

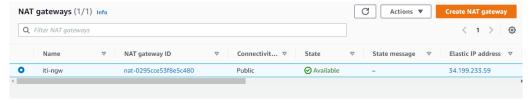
VPCs



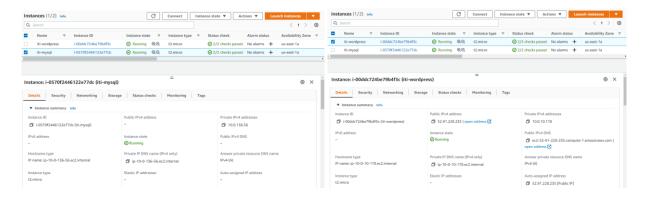
Route tables



NAT gateways



EC2 Instances



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/
```

