

# Question 7

1. Create an EC2 instance in auto scaling group and choose the Amazon Linux as an AMI.
2. Choose the Instance Type
3. In configuration instance detail add number of instance and IAM role and in Advance Detail section add the following code :

```
#!/bin/bash

yum update -y

amazon-linux-extras install -y lamp-mariadb10.2-php7.2 php7.2

yum install -y httpd mariadb-server

systemctl start httpd

systemctl enable httpd

usermod -a -G apache ec2-user

chown -R ec2-user:apache /var/www

chmod 2775 /var/www

find /var/www -type d -exec chmod 2775 {} \;

find /var/www -type f -exec chmod 0664 {} \;

echo "<?php phpinfo(); ?>" > /var/www/html/phpinfo.php
```

4. Add Storage and Tags as required.
5. Configure Security Groups by adding HTTP and HTTPS protocol in the rule.
6. Finally review and launch the instance.