

```
#!/bin/bash
yum update -y
yum install httpd -y
service httpd start
chkconfig httpd on
cd /var/www/html
echo "<html><h1>Hello AWS</h1></html>" > index.html
aws s3 mb s3://create-a-bucket-lingh
aws s3 cp index.html s3://create-a-bucket-lingh
```

1. Choose AMI 2. Choose Instance Type 3. Configure Instance Details 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances Launch into Auto Scaling Group

Purchasing option ☐ Request Spot instances

Network [Create new VPC](#)

Subnet [Create new subnet](#)

Auto-assign Public IP

Placement group ☐ Add instance to placement group.

Capacity Reservation [Create new Capacity Reservation](#)

IAM role [Create new IAM role](#)

Shutdown behavior

Enable termination protection ☐ Protect against accidental termination

Monitoring ☐ Enable CloudWatch detailed monitoring
[Additional charges apply.](#)

Tenancy
[Additional charges will apply for dedicated tenancy.](#)

Elastic Inference ☐ Add an Elastic Inference accelerator
[Additional charges apply.](#)

T2/T3 Unlimited ☐ Enable
[Additional charges may apply](#)

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

Advanced Details

User data ☒ As text ☐ As file ☐ Input is already base64 encoded

```
yum update -y
yum install httpd -y
service httpd start
chkconfig httpd on
cd /var/www/html
echo "<html><h1>Hello Cloud Gurus Welcome To My Webpage</h1></html>"
```

```
[root@ip-172-31-13-112 ec2-user]# curl http://100.26.242.213/latest/user-data
```

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
</body></html>
[root@ip-172-31-13-112 ec2-user]#
```

```
[root@ip-172-31-13-112 ec2-user]# curl
http://169.254.169.254/latest/meta-data
ami-id
ami-launch-index
ami-manifest-path
block-device-mapping/
events/
hibernation/
hostname
iam/
identity-credentials/
instance-action
instance-id
instance-life-cycle
instance-type
local-hostname
local-ipv4
mac
metrics/
network/
placement/
profile
public-hostname
public-ipv4
public-keys/
reservation-id
security-groups
```

- Used to get information about an instance (such as public ip)
- curl <http://169.254.169.254/latest/meta-data/>
- curl <http://169.254.169.254/latest/user-data/>