From EC2 dashboard. “Launch instance”

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Amazon Linux 2023 AMI (based on Fedra) << choose this AMI for this time

Amazon Linux 2 is based on Cent OS 7

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Name the instance.

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T2.micro

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Created key pair. Ppk fo PuTTY

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Allow HTTPS and HTTP traffic from the internet.

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Choose IAM profile as EC2\_DefaultRole. No change for Termination protection

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Other than above, everything is default. “Launch instance”

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Successfully created.

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Go back to EC2 Dashboard

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From left pane, choose “Elastic IPs”, the “Allocate Elastic IP address”

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Allocate.

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“Associate this elastic IP address”

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Enter Instance name. then “Associate”.

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Back to the Dashboard. “Connect”

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You can connect to the instance via PuTTY (since you created the pair key), but I just connect from Dashboard.

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From here I referred the web site: https://awswithatiq.com/ssl-setup-on-amazon-linux-2023-with-apache/#google\_vignette

$sudo su

#sudo dnf update -y

sudo dnf install httpd mod\_ssl

sudo systemctl start httpd

sudo systemctl enable httpd

sudo systemctl status httpd

SSL installation.

sudo dnf install python3 augeas-libs

sudo python3 -m venv /opt/certbot/

sudo /opt/certbot/bin/pip install --upgrade pip

sudo /opt/certbot/bin/pip install certbot certbot-apache

sudo ln -s /opt/certbot/bin/certbot /usr/bin/certbot

sudo vi /etc/httpd/conf.d/vhost.conf

sudo certbot –apache

\*\*\*\*\*\*\*Server Operation\*\*\*\*\*\*\*\*\*\*\*\*\*\*

sudo systemctl start httpd

sudo systemctl stop httpd

[ec2-user ~]$ sudo systemctl is-enabled httpd

[ec2-user ~]$ sudo systemctl start httpd && sudo systemctl enable httpd

\*\*\*\*\*\*\*\*\*\*\*\*\*PuTTY\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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A computer screen shot of a black screen

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\*\*\*\*\*\*\*\*\*\*\*WinSCP\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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sudo chmod -R 777 /var/www/aws

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Reference:

https://youtu.be/IjwA8RpYH5w