

3. Host a multi-instance wordpress behind AWS ALB.

- Use the Autoscaling group once you are able to set up Wordpress without autoscaling.

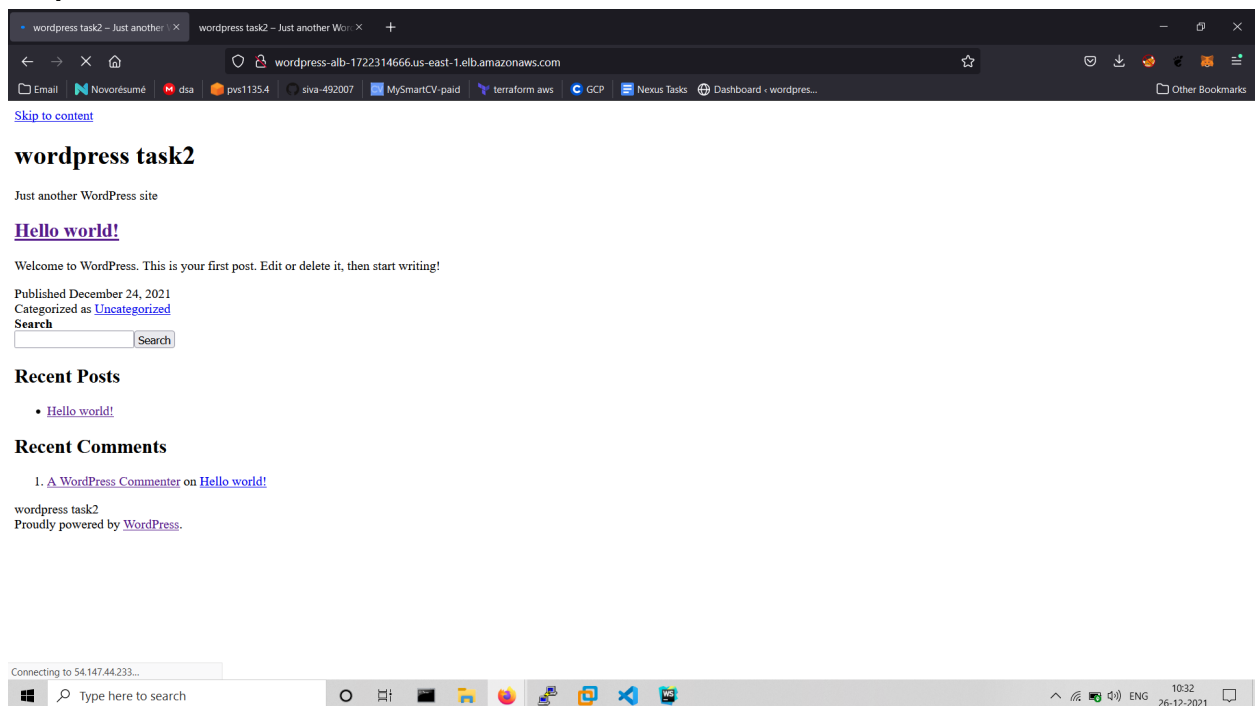
MyWork:

- Create image of existing wordpress installed EC2 instance
- Launch an instance with the wordpress ami

Wordpress instance behind ALB:

- Create a target group with these two wordpress instances.
- Create an ALB with the created target group
- Modify the ALB security group to allow HTTP inbound rule
- Use the ALB's DNS to route between our two wordpress instances

Output:



Autoscaling:

- Create a Launch Configuration with our wordpress ami
- Choose the instance type to t2.micro
- Modify security group to allow HTTP inbound rule.
- Choose an existing keypair.
- Create an Autoscaling Group with the created Launch Configuration.
- Choose default vpc and 3 availability zones.

- Choose an existing Load Balancer's target group, which we created previously.
- Add desired capacity to 2
- Add minimum capacity to 1
- Add maximum capacity to 3
- In Target tracking scaling policy, choose CPU utilization value to 50%

Output:

Auto Scaling group updated successfully

EC2 > Auto Scaling groups

Auto Scaling groups (1/1)

<input checked="" type="checkbox"/>	Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	Availability
<input checked="" type="checkbox"/>	wordpress-acg	wordpress-lc	2	-	2	1	3	us-east-

Details | Activity | Automatic scaling | Instance management | Monitoring | Instance refresh

Group details

Desired capacity: 2

Auto Scaling group name: wordpress-acg

Instances (2/2) Info

Security group name = AutoScaling-Security-Group-1

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input checked="" type="checkbox"/>	autoscaling	i-00d7fcab1a884837	Running	t2.micro	2/2 checks passed	No alarms	us-east-1b
<input checked="" type="checkbox"/>	autoscaling	i-0a854c149d62e848f	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a

Instances: i-00d7fcab1a884837 (autoscaling), i-0a854c149d62e848f (autoscaling)

Monitoring

1h 3h 12h 1d 3d 1w Custom

CPU utilization (%)

Status check failed (any) (count)

Status check failed (instance) (count)

Status check failed (system) (count)