

```
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AWS Services Search for services, features, blogs, docs, and more [Alt+S] N. Virginia Corestack_Role/swathi.s6_mphasis @ 7667-8964-5146  
4ad80e1f9(c1397879)c): Bind for 0.0.0.0:80 failed: port is already allocated.  
[ec2-user@ip-172-31-28-193 evntmgt]$ history  
1 docker -v  
2 git -v  
3 git clone https://github.com/swathiz/angularimage.git  
4 ls  
5 cd angularimage/  
6 cd evntmgt/  
7 docker build -t eventmgtimage  
8 docker build -t eventmgtimage .  
9 docker container run -d --name myweb1 -p 80:80 mywebsiteimage  
10 history  
11 docker container run -d --name myweb1 -p 80:80 eventmgtimage  
12 docker login  
13 docker tag eventmgtimage sonal997/e1  
14 docker push sonal997/e1  
15 docker container run -d --name sswe -p 80:80 sonal997/e1  
16 history  
[ec2-user@ip-172-31-28-193 evntmgt]$  
  
i-050ebe02a89264bd1 (dockerimg)  
PublicIPs: 52.90.55.6 PrivateIPs: 172.31.28.193
```

## Docker File

```
FROM
node:16.14.0-
alpine AS
build

RUN npm i -g @angular/cli@13.1.0
WORKDIR /app
COPY package.json package-lock.json ./
RUN npm install
COPY . .
RUN ng build --prod

FROM nginx
COPY --from=build /app/dist/evntmgt/ /usr/share/nginx/html/
```

## Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

### Inbound rules [Info](#)

Security group rule ID	Type <a href="#">Info</a>	Protocol <a href="#">Info</a>	Port range <a href="#">Info</a>	Source <a href="#">Info</a>	Description - optional <a href="#">Info</a>	
sg-09f20c16ec6da3e6f	All traffic ▼	All	All	Custom ▼	<input type="text" value="Q"/>	<input type="text" value=""/> <input type="button" value="Delete"/>
					<input type="text" value="sg-026d29ebb57c1abba X"/>	
sg-0ce89f770518575e8	HTTP ▼	TCP	80	Custom ▼	<input type="text" value="Q"/>	<input type="text" value=""/> <input type="button" value="Delete"/>
					<input type="text" value="0.0.0.0 X"/>	
sg-01b0eb89070d89d10	SSH ▼	TCP	22	Custom ▼	<input type="text" value="Q"/>	<input type="text" value=""/> <input type="button" value="Delete"/>
					<input type="text" value="0.0.0.0 X"/>	

aws

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N. Virginia

Corestack\_Role/gopalakrishnan.j\_mphasis @ ayush84

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Launch instances

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	swarm-w1	i-08b4d2d3db06cd48f	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a
<input type="checkbox"/>	swarm-w2	i-0960df0436be31c7c	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a
<input type="checkbox"/>	DockerSwarm	i-0ba6092194edcac78	Running	t2.micro	2/2 checks passed	No alarms	us-east-1d

Select an instance

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```
[ec2-user@ip-172-31-17-167 ~]$ docker service create --name myappl --replicas 5 -p 80:80 sonal997/el
dovkp3xte4sxdhq4c8w9frels
overall progress: 5 out of 5 tasks
1/5: running [=====>]
2/5: running [=====>]
3/5: running [=====>]
4/5: running [=====>]
5/5: running [=====>]
verify: Service converged
[ec2-user@ip-172-31-17-167 ~]$ █
```

ec2-user@ip-172-31-24-18:~

Using username "ec2-user".  
Authenticating with public key "swarkey"

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  _ |  _ | _ )  
 _ | ( _ | _ /  Amazon Linux 2 AMI  
__ | \ _ | _ |
```

<https://aws.amazon.com/amazon-linux-2/>

```
[ec2-user@ip-172-31-24-18 ~]$ docker swarm join --token SWMTKN-1-198arnckpgc0k6u  
ymooyq5bxtty84ewqkz6t2ur4nx4lf26jo82-e9dw9znp2e08xv0ilje0o2srm 172.31.17.167:2377
```

This node joined a swarm as a worker.

```
[ec2-user@ip-172-31-24-18 ~]$ █
```