

14 September

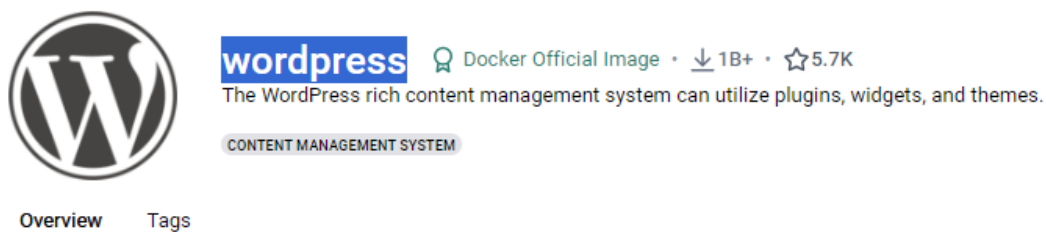
1) ASSIGNMENT

Assignment for Architects - Highly Available, Highly Scalable and Highly Secure Landing Zone for Monolithic Application

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1) Go to portal and create VM

2) In docker hub search – wordpress



Quick reference

2) In powershell run docker run --help

Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]

docker run <imagename>

docker run wordpress

```
azureuser@VM40:~$ sudo docker run wordpress
Unable to find image 'wordpress:latest' locally
latest: Pulling from library/wordpress
a480a496ba95: Pull complete
95ab1cc5ca33: Pull complete
78ee5e1490ca: Pull complete
e807ae4973d0: Pull complete
8a1846dfbe9a: Pull complete
27f1d0bbde81: Pull complete
```

3) **sudo docker run -p 8080:80 -d wordpress**

```
root@VM40:/home/azureuser# sudo docker run -p 8080:80 -d wordpress
9a9739e251cb59eeb247683359ff9cc9e7b533889203233ae94e9b1a11435880
```

4) **docker ps**

```

root@VM40:/home/azureuser# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED    STATUS    PORTS    NAMES
e79a5a526341   wordpress "docker-entrypoint.s..." 6 minutes ago    Up 6 minutes    0.0.0.0:8080->80/tcp, :::8080->80/tcp    serene_cartwright
root@VM40:/home/azureuser#

```

5) docker images

```

root@VM40:/home/azureuser# docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
wordpress     latest    d9da5214e7fd   7 days ago    699MB
root@VM40:/home/azureuser#

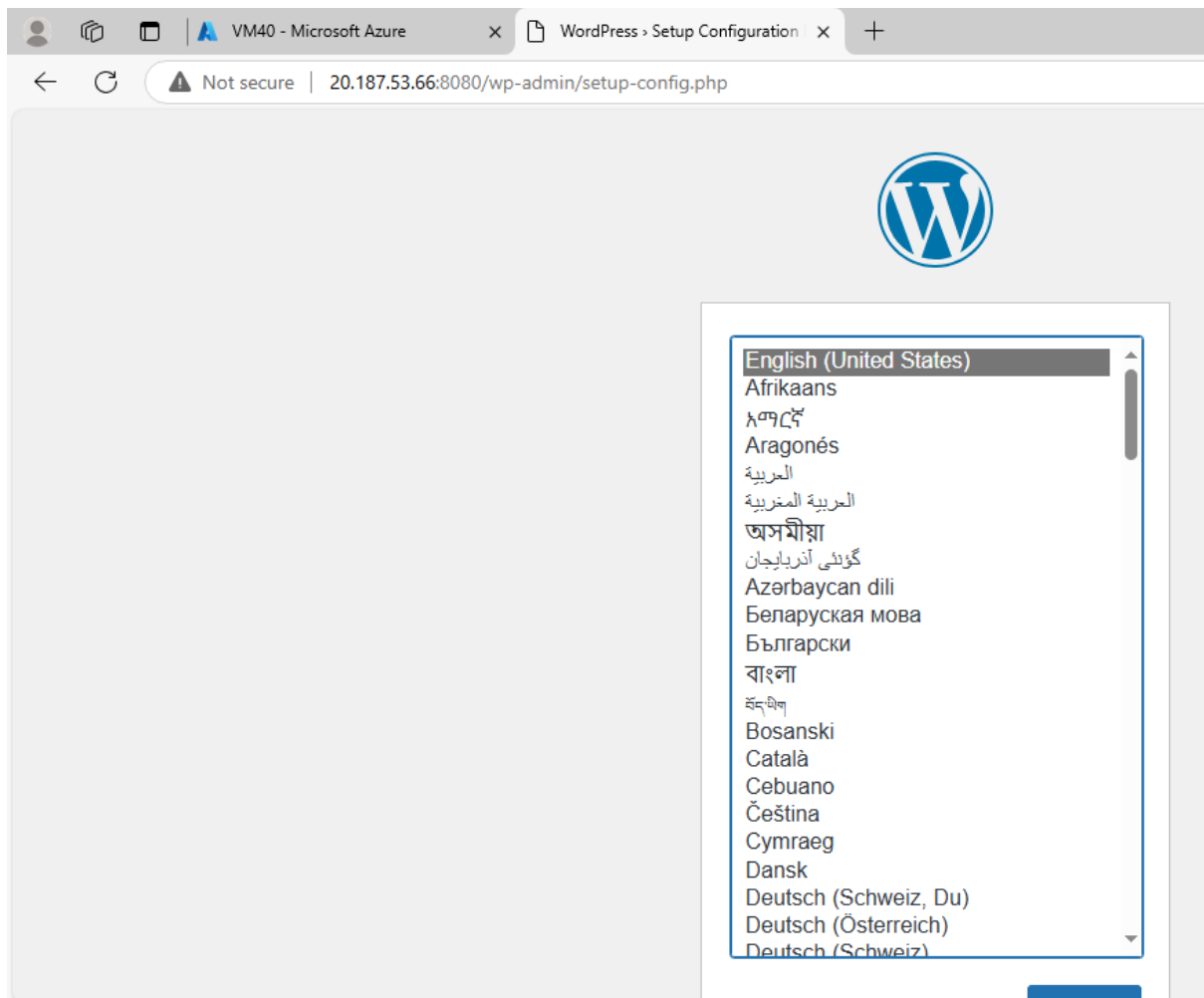
```

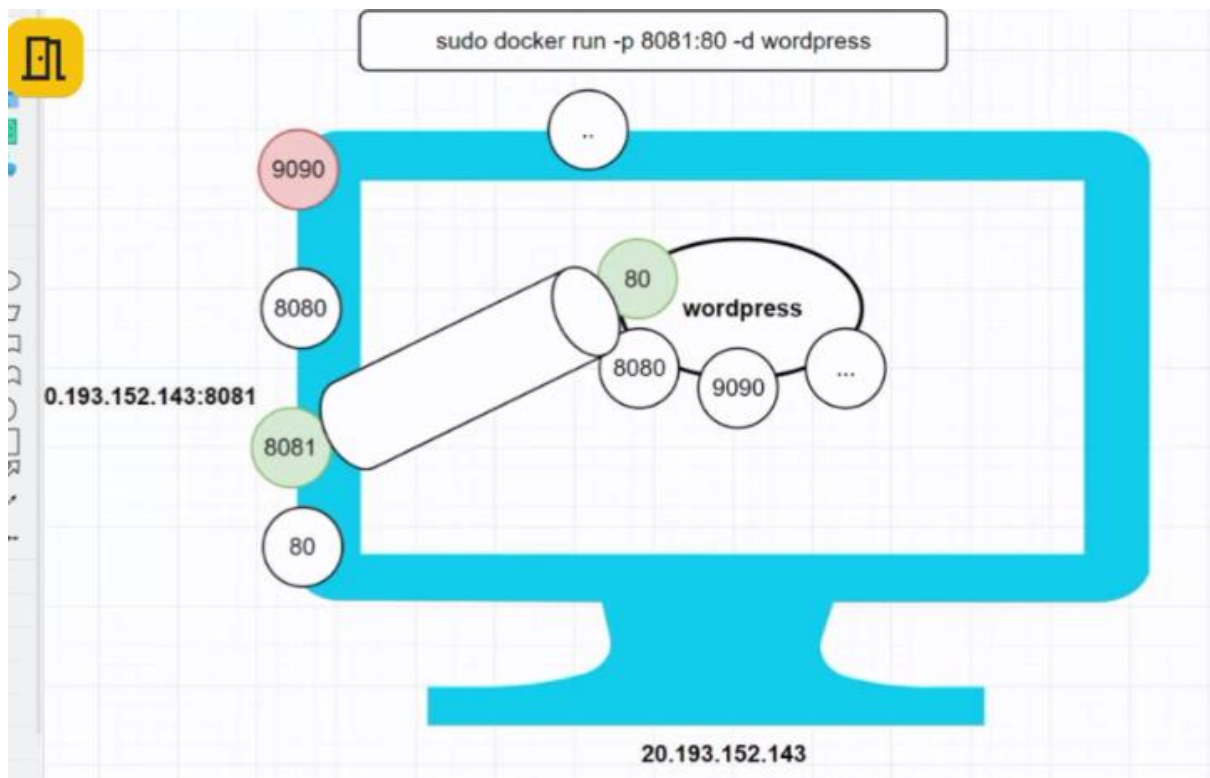
6) In portal open port 8080 in nsg in network settings

7) Now run in browser –

Ip of vm:port opened in vm

20.187.53.66:8080





8) Next cloud and Jenkins image also ran by us

