




Mumbai Region aws EC2 instance SSH with **LOCAL** machine

Docker And Docker-Compose Installed

Secure Shell Configuration

 Services [Alt+S]

EC2 > Instances > i-0b048b7f9384d141e > Connect to instance

Connect to instance Info

Connect to your instance i-0b048b7f9384d141e (docker-ssh) using any of these options


EC2 Instance Connect



Session Manager

SSH client


EC2 serial console


Instance ID

 i-0b048b7f9384d141e (docker-ssh)

1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is docker-ssh.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
 `chmod 400 "docker-ssh.pem"`
4. Connect to your instance using its Public DNS:
 `ec2-3-111-38-158.ap-south-1.compute.amazonaws.com`

Example:

 `ssh -i "docker-ssh.pem" ubuntu@ec2-3-111-38-158.ap-south-1.compute.amazonaws.com`

 **Note:** In most cases, the guessed username is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

```
ubuntu@ip-172-31-8-98: ~
sivathamil@sivathamil:~$ cd aws
sivathamil@sivathamil:~/aws$ ls
docker-ssh.pem
sivathamil@sivathamil:~/aws$ ssh -i "docker-ssh.pem" ubuntu@ec2-3-111-38-158.ap-south-1.compute.amazonaws.com
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-1017-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Fri Jan 19 13:57:32 UTC 2024

System load:  0.0          Processes:            112
Usage of /:   27.4% of 7.57GB Users logged in:          1
Memory usage: 29%          IPv4 address for docker0: 172.17.0.1
Swap usage:   0%           IPv4 address for eth0:   172.31.8.98

Expanded Security Maintenance for Applications is not enabled.

40 updates can be applied immediately.
25 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

Last login: Fri Jan 19 13:45:03 2024 from 49.204.113.15
ubuntu@ip-172-31-8-98:~$
```

Docker and Docker-Compose Installed

```
ubuntu@ip-172-31-8-98: ~  
sivathamil@sivathamil:~$ cd aws  
sivathamil@sivathamil:~/aws$ ssh -i "docker-ssh.pem" ubuntu@ec2-3-111-38-158.ap-south-1.compute.amazonaws.com  
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-1017-aws x86_64)
```

```
* Documentation: https://help.ubuntu.com  
* Management:   https://landscape.canonical.com  
* Support:      https://ubuntu.com/advantage
```

System information as of Fri Jan 19 13:45:02 UTC 2024

System load:	0.0	Processes:	112
Usage of /:	27.4% of 7.57GB	Users logged in:	1
Memory usage:	29%	IPv4 address for docker0:	172.17.0.1
Swap usage:	0%	IPv4 address for eth0:	172.31.8.98

Expanded Security Maintenance for Applications is not enabled.

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25 of these updates are standard security updates.
To see these additional updates run: `apt list --upgradable`

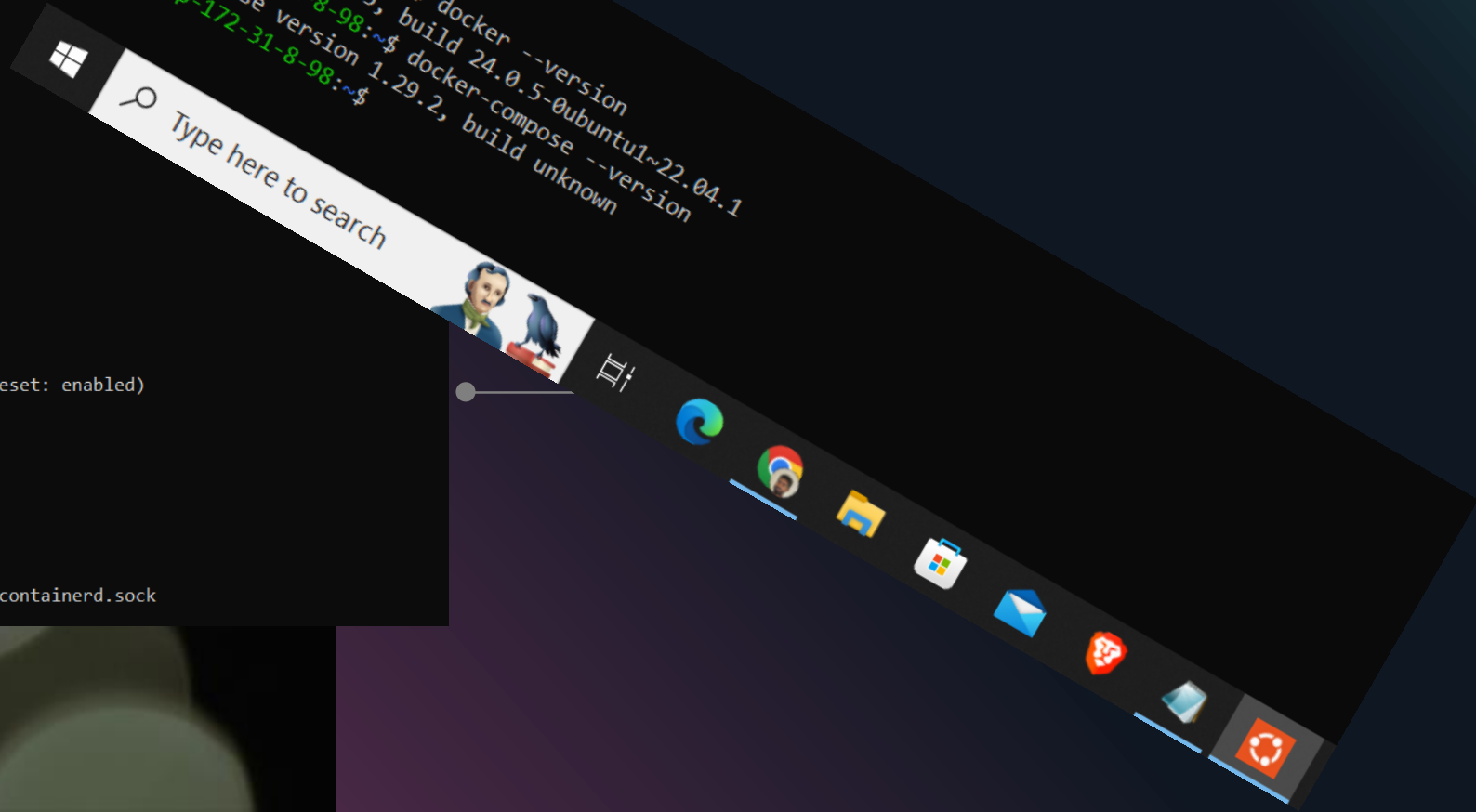
Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: `sudo pro status`

Last login: Fri Jan 19 13:18:24 2024 from 49.204.113.15

```
ubuntu@ip-172-31-8-98:~$ systemctl status docker
```

```
● docker.service - Docker Application Container Engine  
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)  
   Active: active (running) since Fri 2024-01-19 13:21:06 UTC; 25min ago  
 TriggeredBy: ● docker.socket  
     Docs: https://docs.docker.com  
  Main PID: 3013 (dockerd)  
    Tasks: 8  
   Memory: 31.9M  
      CPU: 451ms  
   CGroup: /system.slice/docker.service  
           └─3013 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock
```

```
ubuntu@ip-172-31-8-98:~$ docker --version  
Docker version 24.0.5, build 24.0.5-0ubuntu1~22.04.1  
ubuntu@ip-172-31-8-98:~$ docker-compose --version  
docker-compose version 1.29.2, build unknown  
ubuntu@ip-172-31-8-98:~$
```



Instance In Mumbai

SSH-Docker And Docker-Compose {OUTPUT}

```
aws Services Search [Alt+S] Mumbai gokul
ubuntu@ip-172-31-8-98:~$ systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2024-01-19 13:21:06 UTC; 17min ago
     TriggeredBy: ● docker.socket
       Docs: https://docs.docker.com
    Main PID: 3013 (dockerd)
      Tasks: 8
     Memory: 31.9M
        CPU: 406ms
    CGroup: /system.slice/docker.service
            └─3013 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Jan 19 13:21:05 ip-172-31-8-98 systemd[1]: Starting Docker Application Container Engine...
Jan 19 13:21:05 ip-172-31-8-98 dockerd[3013]: time="2024-01-19T13:21:05.814515587Z" level=info msg="Starting up"
Jan 19 13:21:05 ip-172-31-8-98 dockerd[3013]: time="2024-01-19T13:21:05.816374129Z" level=info msg="detected 127.0.0.53 nameserver, assuming systemd-resolved, so using it"
Jan 19 13:21:05 ip-172-31-8-98 dockerd[3013]: time="2024-01-19T13:21:05.990440742Z" level=info msg="Loading containers: start."
Jan 19 13:21:06 ip-172-31-8-98 dockerd[3013]: time="2024-01-19T13:21:06.358500308Z" level=info msg="Loading containers: done."
Jan 19 13:21:06 ip-172-31-8-98 dockerd[3013]: time="2024-01-19T13:21:06.437973925Z" level=info msg="Docker daemon" commit="24.0.5-0ubuntu1~22.04.1" graphdriver=overlay2
Jan 19 13:21:06 ip-172-31-8-98 dockerd[3013]: time="2024-01-19T13:21:06.438487110Z" level=info msg="Daemon has completed initialization"
Jan 19 13:21:06 ip-172-31-8-98 dockerd[3013]: time="2024-01-19T13:21:06.497343922Z" level=info msg="API listen on /run/docker.sock"
Jan 19 13:21:06 ip-172-31-8-98 systemd[1]: Started Docker Application Container Engine.
lines 1-21/21 (END)
[1]+  Stopped                  systemctl status docker

ubuntu@ip-172-31-8-98:~$ docker --version
Docker version 24.0.5, build 24.0.5-0ubuntu1~22.04.1
ubuntu@ip-172-31-8-98:~$ docker-compose --version
docker-compose version 1.29.2, build unknown
ubuntu@ip-172-31-8-98:~$
```

i-0b048b7f9384d141e (docker-ssh)

PublicIPs: 3.111.38.158 PrivateIPs: 172.31.8.98

Thank You