ADVANCE DEVOPS EXP-1

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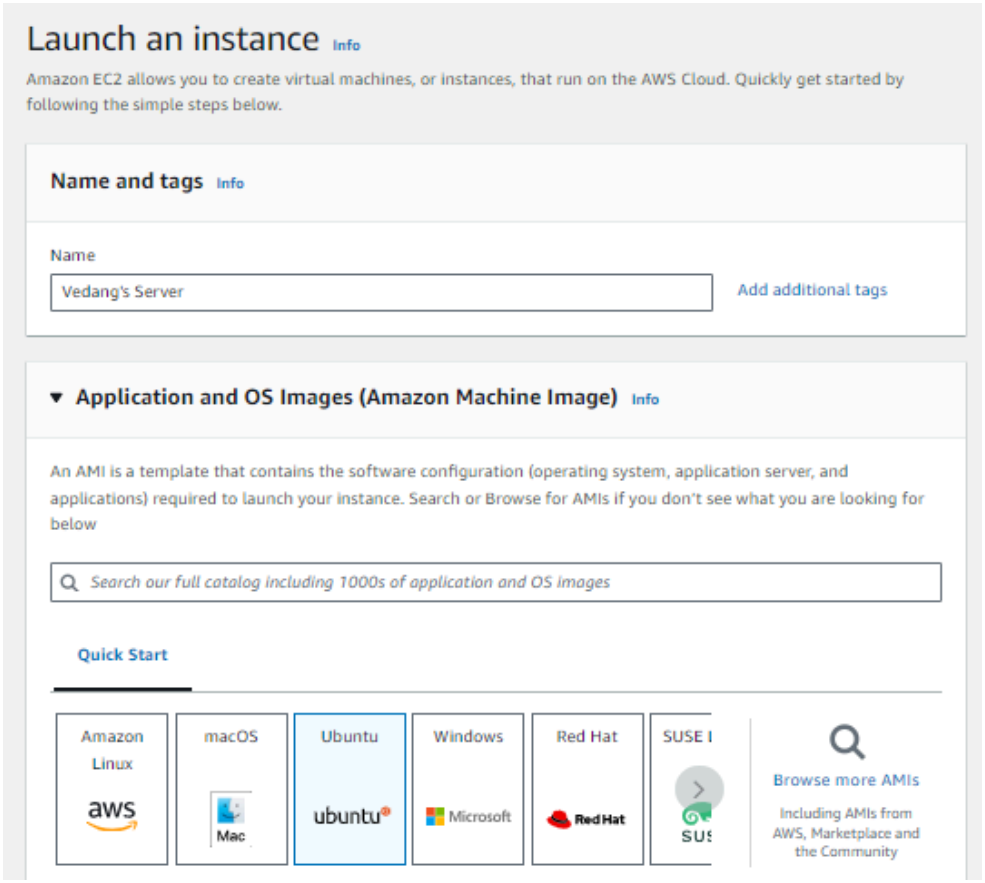
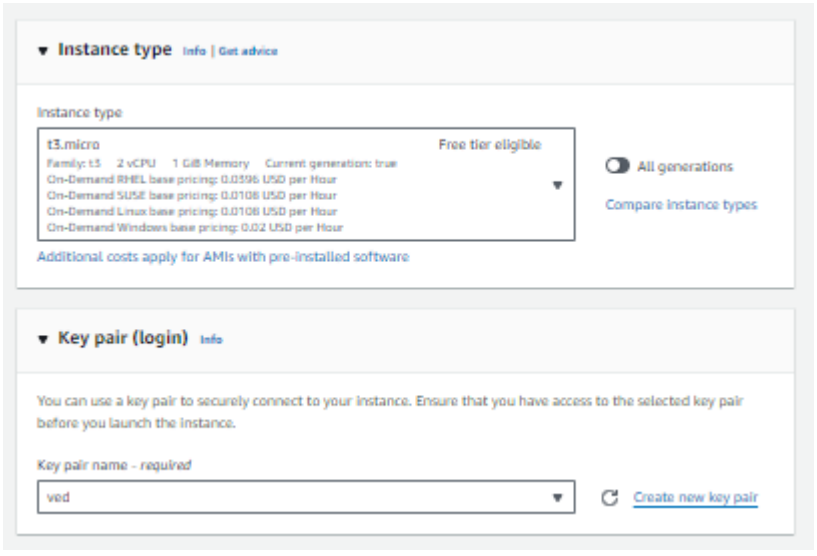
Aim: To understand the benefits of Cloud infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and and Perform Collaboration Demonstration.





Network settings Info

Edit

Network | Info

vpc-0775017352e40f883

Subnet | Info

No preference (Default subnet in any availability zone)

Auto-assign public IP | Info

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) | Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

- (•) Create security group
- ( ) Select existing security group

We'll create a new security group called '**launch-wizard-1**' with the following rules:

- [x] Allow SSH traffic from
  Helps you connect to your instance
  Anywhere
  0.0.0.0/0
- [ ] Allow HTTPS traffic from the internet
  To set up an endpoint, for example when creating a web server
- [ ] Allow HTTP traffic from the internet
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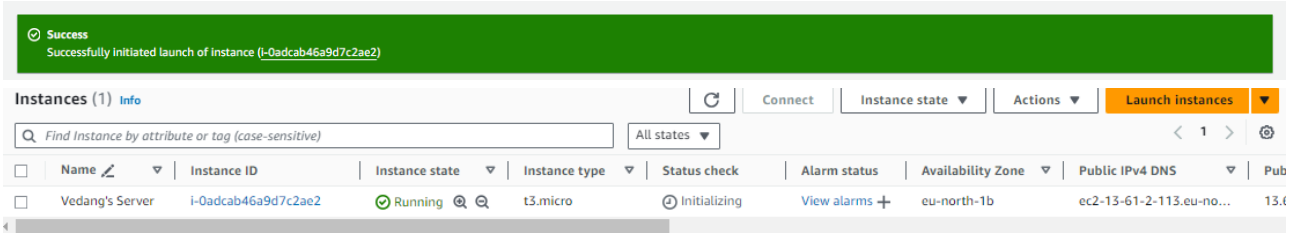
⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only. ✕




```
 * Support:        https://ubuntu.com/pro

 System information as of Tue Aug 20 07:27:04 UTC 2024

  System load:  0.17              Temperature:           -273.1 C
  Usage of /:   22.7% of 6.71GB   Processes:             112
  Memory usage: 24%               Users logged in:       0
  Swap usage:   0%                IPv4 address for ens5: 172.31.37.143

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

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


The list of available updates is more than a week old.
To check for new updates run: sudo apt update


The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-37-143:~$
```

i-0adcab46a9d7c2ae2 (Vedang's Server)

PublicIPs: 13.61.2.113 PrivateIPs: 172.31.37.143

```
root@ip-172-31-37-143:/home/ubuntu# apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
```

```
root@ip-172-31-37-143:/home/ubuntu# systemctl status apache2
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
     Active: active (running) since Tue 2024-08-20 07:28:04 UTC; 2min 10s ago
       Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 2454 (apache2)
      Tasks: 55 (limit: 1078)
     Memory: 5.5M (peak: 5.9M)
        CPU: 45ms
     CGroup: /system.slice/apache2.service
             ├─2454 /usr/sbin/apache2 -k start
             ├─2456 /usr/sbin/apache2 -k start
             └─2458 /usr/sbin/apache2 -k start
```

```
root@ip-172-31-37-143:/home/ubuntu# cd /var/www/html
root@ip-172-31-37-143:/var/www/html# /var/www/html
bash: /var/www/html: Is a directory
root@ip-172-31-37-143:/var/www/html#
```