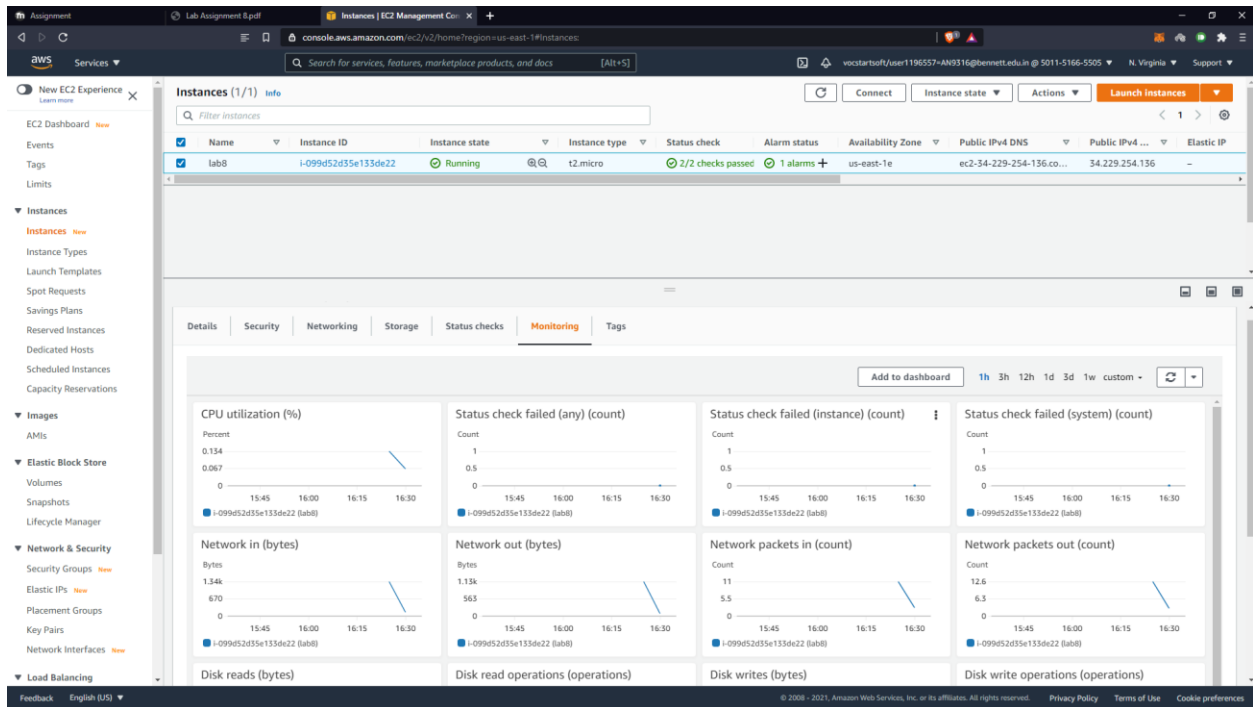


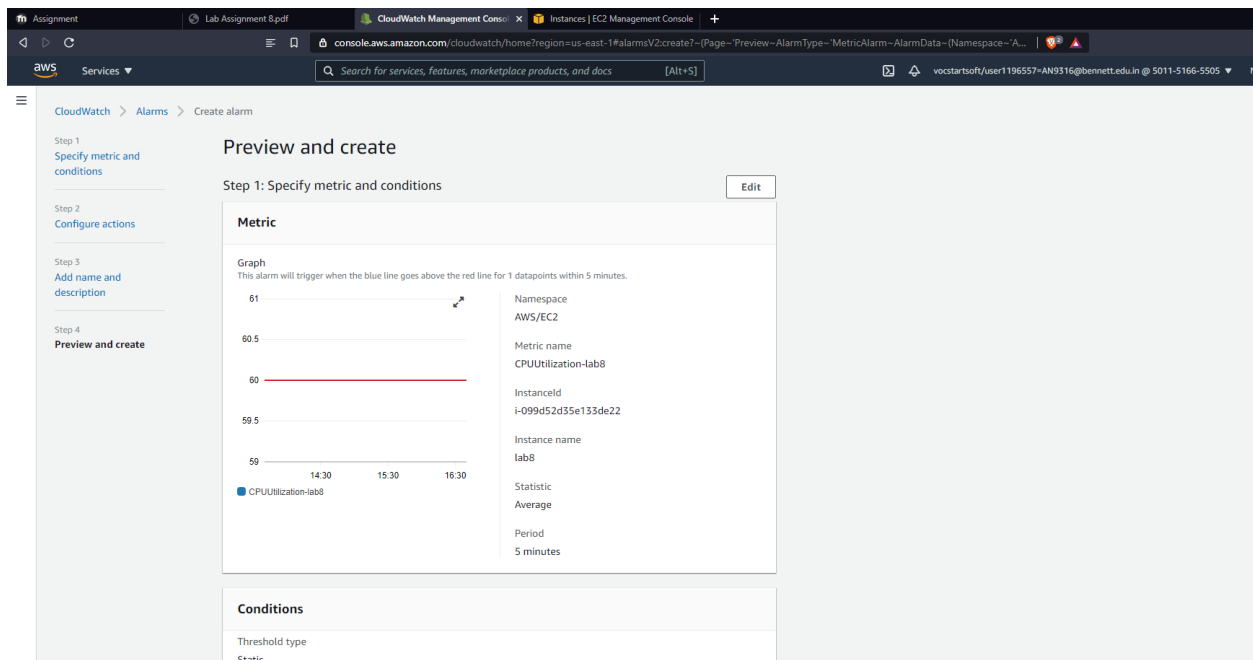
# Cloud Computing – Lab 8

## Anudit Nagar – E18CSE024

### Create Ec2 Instance



### Create CloudWatch Alarm.



Start stress test.

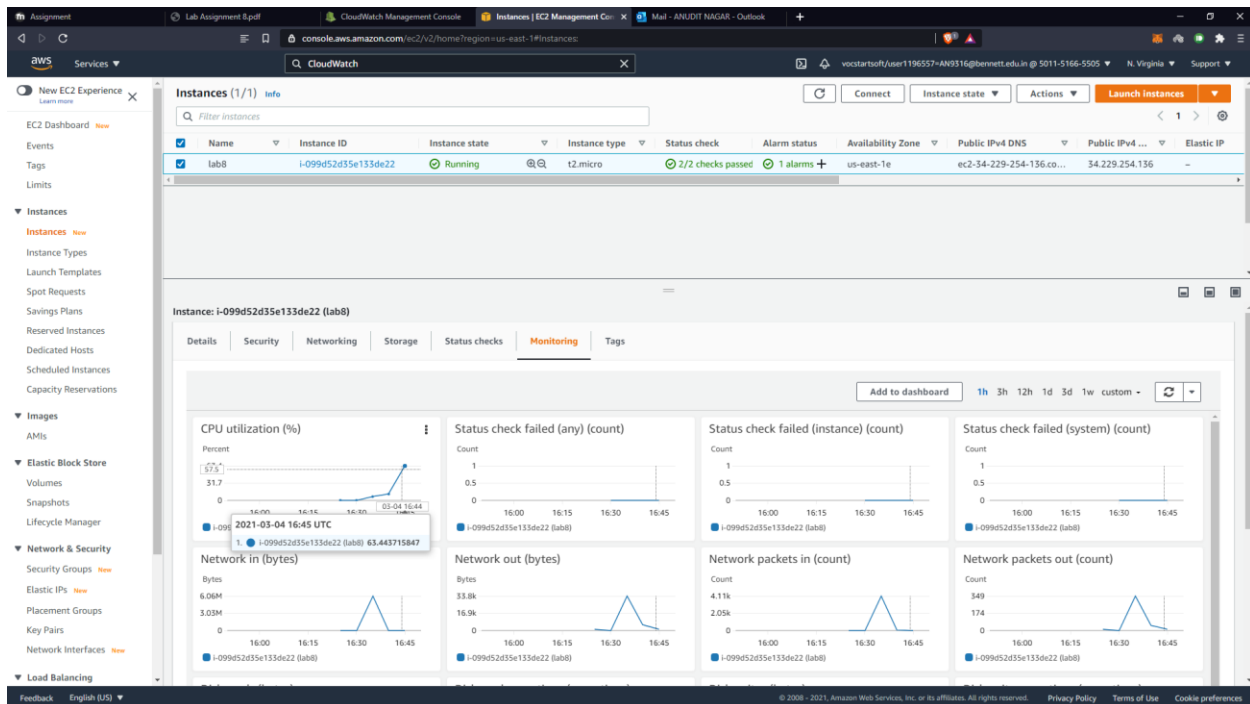
```
root@ip-172-31-55-51: /home/ubuntu
root@ip-172-31-55-51:/home/ubuntu# stress --help
'stress' imposes certain types of compute stress on your system

Usage: stress [OPTION [ARG]] ...
  -?, --help          show this help statement
  --version           show version statement
  -v, --verbose       be verbose
  -q, --quiet         be quiet
  -n, --dry-run       show what would have been done
  -t, --timeout N     timeout after N seconds
  --backoff N         wait factor of N microseconds before work starts
  -c, --cpu N         spawn N workers spinning on sqrt()
  -i, --io N          spawn N workers spinning on sync()
  -m, --vm N          spawn N workers spinning on malloc()/free()
  --vm-bytes B        malloc B bytes per vm worker (default is 256MB)
  --vm-stride B       touch a byte every B bytes (default is 4096)
  --vm-hang N         sleep N secs before free (default none, 0 is inf)
  --vm-keep           redirty memory instead of freeing and reallocating
  -d, --hdd N         spawn N workers spinning on write()/unlink()
  --hdd-bytes B       write B bytes per hdd worker (default is 1GB)

Example: stress --cpu 8 --io 4 --vm 2 --vm-bytes 128M --timeout 10s

Note: Numbers may be suffixed with s,m,h,d,y (time) or B,K,M,G (size).
root@ip-172-31-55-51:/home/ubuntu# stress --cpu 4 --timeout 180
stress: info: [2656] dispatching hogs: 4 cpu, 0 io, 0 vm, 0 hdd
```

Increased Load on EC2 Instance.



Alarm is Triggered.