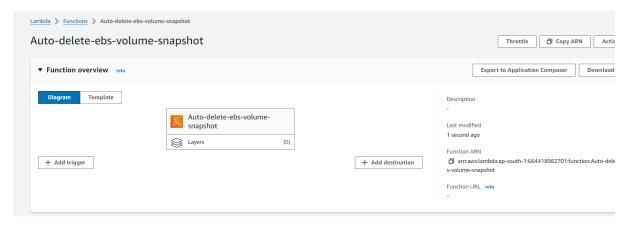
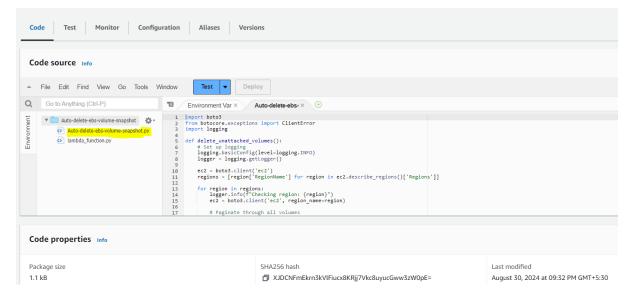
Lambda2nd_Function

Savita Nalawade

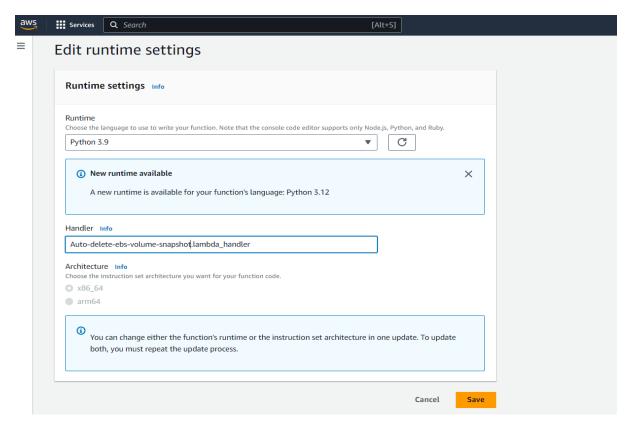
- *Delete unused EBS Volume Across Regions*
- 1) Create lambda function (Auto-delete-ebs-volume-snapshot)



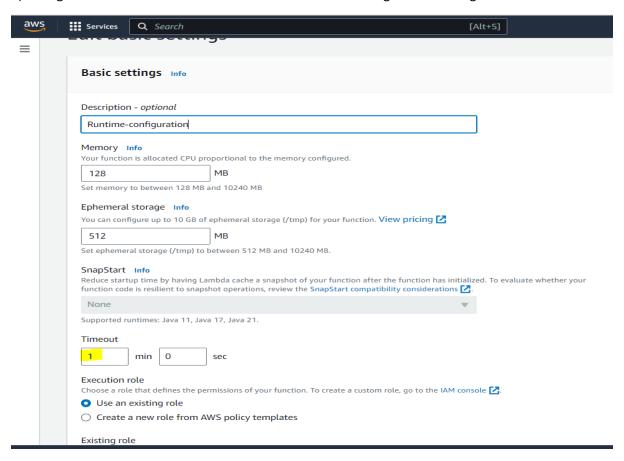
2) Create Auto-delete-ebs-volume-snapshot.py file



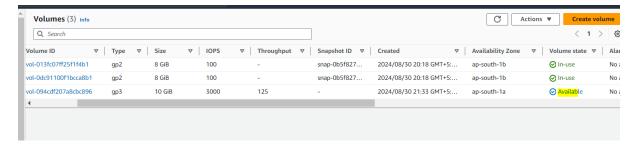
3) Update the Handler name as (Auto-delete-ebs-volume-snapshot.lambda_handler)



4) Change the timeout value for 3 seconds to 1 minute in Configuration settings



5) Created one volume which is in available state



6) Now, Run the code, It should delete the free volume



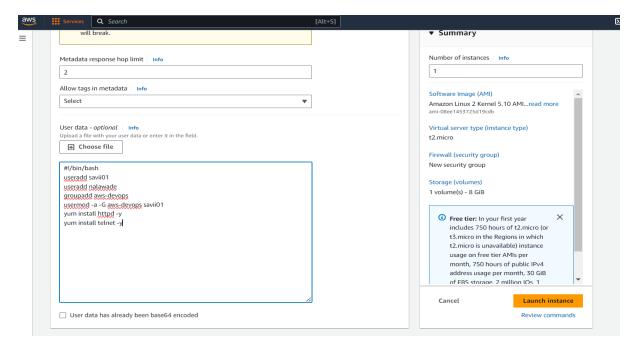
7) volume is deleted successfully



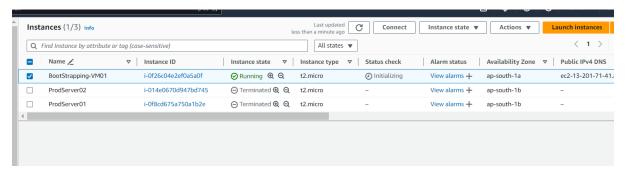
Bootstrapping

30th August 2024

1) Create a EC2 instance with stuffing and installing some package



2) The instance is created successfully



3) Connected the BootStarapping-VM01 via putty

4) Check the users are created or not

```
[root@ip-172-31-35-36 ~]# id savii01
uid=1001(savii01) gid=1001(savii01) groups=1001(savii01),1003(aws-devops)
[root@ip-172-31-35-36 ~]# id nalawade
uid=1002(nalawade) gid=1002(nalawade) groups=1002(nalawade)
[root@ip-172-31-35-36 ~]# cat /etc/groups
```

5) Check the if user is added or not as per stuffing (cat /etc/group)

```
ec2-user:x:1000:
savii01:x:1001:
nalawade:x:1002:
aws-devops:x:1003:savii01
apache:x:48:
[root@ip-172-31-35-36 ~]#
```

6) Check the memory

```
[root@ip-172-31-35-36 ~]# free -m
total used free shared buff/cache available

Mem: 952 73 278 0 600 744

Swap: 0 0 0

[root@ip-172-31-35-36 ~]#
```

7) Check the harddisk

```
[root@ip-172-31-35-36 \sim] # df -h
                      Used Avail Use% Mounted on
Filesystem
                Size
                                    0% /dev
devtmpfs
                467M
                             467M
                                    0% /dev/shm
tmpfs
                477M
                             477M
tmpfs
                477M
                       404K
                             476M
                                    1% /run
                                    0% /sys/fs/cgroup
tmpfs
                477M
                             477M
/dev/xvda1
                8.0G
                                   23% /
                       1.8G
                             6.3G
                              96M
                                    0% /run/user/1000
                 96M
[root@ip-172-31-35-36 ~]# lsblk
        MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
NAME
xvda
        202:0
                      8G
                          0 disk
                      8G
                          0 part /
-xvda1 202:1
[root@ip-172-31-35-36 ~]#
```

8) Run Top command to check running proceess

```
1 running, 52 sleeping, 0.0 sy, 0.0 ni,100.0 id,
                                                      0 stopped,
                                                                      0 zombie
                                                     0.0 wa, 0.0 hi, 0.0 si, 0.
4796 used, 615624 buff/cache
                     0.0 sy,
                                                                                     0.0 st
             975536 total,
                                                   74796 used,
KiB Mem :
KiB Swap:
                                                                    762276 avail Mem
  PID USER
                  PR
                      NI
                              VIRT
                                       RES
                                               SHR S %CPU %MEM
                                                                       TIME+ COMMAND
                                                                     0:00.16
                                                                              xfsaild/xvda1
                        0
                           168828
                                      4292
                                              3760 R
                  20
                                                             0.4
                                                                     0:00.01 top
                            123596
                                      5444
                                              3868
                                                                              systemd
                                                                     0:00.00 rcu gp
    4 root
                                                                     0:00.00 rcu par gp
                                                                     0:00.00 kworker/0:0H-ev
                                                                     0:00.00 mm percpu wq
                                                                    0:00.00 rcu_tasks_rude
0:00.00 rcu_tasks_trac
                                                                     0:00.03 ksoftirqd/0
                                                                     0:00.00 migration/0
   13 root
                                                  0 S
                                                                    0:00.00 cpuhp/0
                                                                     0:00.00 kdevtmpfs
                                                                              kworker/u30:1-e
  299 root
                                                  0 S
  300 root
                                                                     0:00.00 oom_reaper
                                                       0.0
                                                                     0:00.00 ksmd
                                                                     0:00.00 khugepaged
                                                                     0:00.00 kintegrityd
  361 root
  363 root
                                                        0.0
```

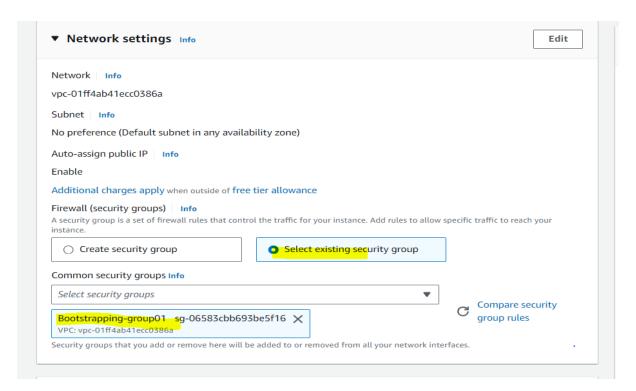
9) Check whether the package of httpd & telnet installed or not?

10) Check the total number of packages installed on the system

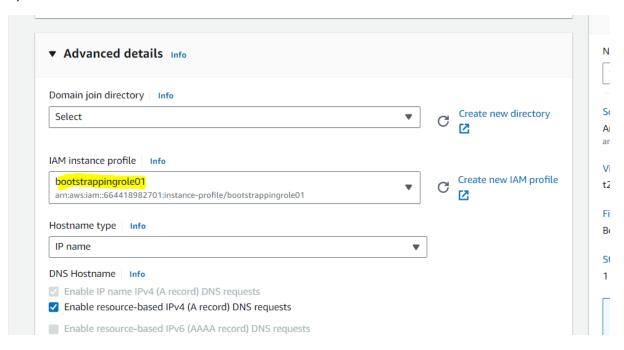
```
[root@ip-172-31-35-36 ~]# rpm -qa | wc -l
465
[root@ip-172-31-35-36 ~]# <mark>|</mark>
```

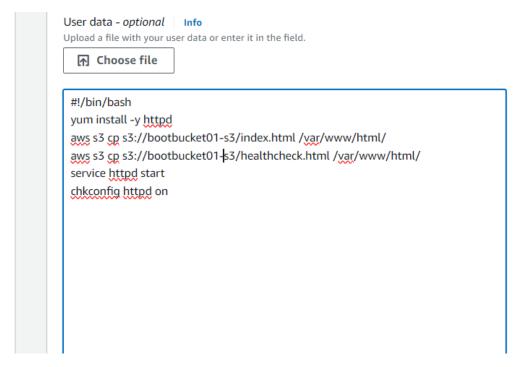
Task2)

1)h



2)h





4)h

