#1 AWS Free Tier Account - creation.

link: (https: // signin. aws. amazon. com / signup ? request_tupe
= register)

Q AWS Console login.

L mange AWS Resources. AWS mangement Console - Aws.

AWS
https: // aws. amazon. com >> Console.

→ Redirect to Amazon home page.

① └ click on (create an AWS Account)

② └ sing up page -

Root user email Address

[   ]

Aws Account Name

[   ]

[Submit] — v

③ verify email.

④ enter password.

⑤ Continue to next step step.

⑥ How do plan to use Aws? ⇒ [personal for own project]
6.1 └ fill form.

⑦ As ② Rupee for verification and Refundable.

⑧ [Personl use] , owner ship type :- individual. ⇒ fill All details
└ photo As well.

⑨ India , phone no!

⑩ verification code.

⑪ select plan for Aws ⇒ | Basic for Support - Aws. Fee.
* free.

✓ select.

O Basic Support -free
  • Recommended for
    new users Test getting
    Started with AWS
  ○ 24×7 self-Service
    Access to AWS
    resources.
  ○ for Account &
    bill issues only
  ● Access to Personal
    Health Dashboard
    & trusted Advisor

Provide.
  — 1 year free
  — 30 GB free storage.
  — EC2.
  — 750 hres. /fee.

⑫ Go to the management Console.

⑬ ⊙⊙⊙⊙ : Services.
   ⊙⊙⊙⊙
   ⊙⊙⊙⊙
   ⊙⊙⊙⊙

⑭ Compute. EC2. instance.
           S3 bucket. — for storage. } — optional.

⑮ Console Home = Asian specific — AP-   } Here.

⑯ search or Compute → EC2 instance.
   └ click :-   ⚙ EC2 | virtual servers in the cloud.

⑰ Resources — instance (Running), Auto Scaling Groups, Dedicated hosts,
               Elastic IPs, instances, Key pairs, load Blancess
               placement groups, security groups, snapshots,
               volumes.
   ⎯ Launch Instance — lenyath. instee.
   ⎯ Service Health — Asian specific menkel.

Instance Creation

18) Launch on instance.

    i. Name and tags :- my-first-server 1

    ii. Application on OS image (Amazon Machine Image)

imp — :- ubuntu

↳

free ☆ :-

    free —tiers /Available.

        o [ubuntu server 24.04 LTS (HVM), SSD volume Type
            ami - 00bb6a80f0af03502 (64-bit (x86)
            Virtualization : hvm   ENA enabled : true Rootdevicetype : ebs

        o [ubuntu Server 22.04 LTS (HVM), SSD volume type
            ami-023a30f3d27ea427 (64-bit (x86) /ami -054 (64-bit /Arm)
            Virtualization : hvm   ENA enabled : true Rootdevictype : ebs.

19) pay as you use /

20) @ create new pair

    / use — to login in ceth in key pair meam local machine
        like any other device,
        — you can keep diff name as cell.
        — key created.

21) Network port : Network :— , subnet :—
          Auto Assign public - IP.
          firewall (security - group)

      i)   — ↳☑ Allow ssh traffic from. ⌐ Anywhere
                                      0.0.0.0/0
  only my IP Address   ☐ Allow https traffic from internet
                   ☐ Allow http traffic from internet.

22) Storage./ Configure Storage.

1x [30] ○ GiB [gp2 ▼] Root value.

└* 30 - GB is free, if you put 1 - gb extral like 31GB

imp ─── you will be charge.

21) click over instace Reming

instone 1/1

Instce State   Instace type   Steta chelle   Availabe zone   Public IPv4

Reming   t2.micoo   Initializeetion   ap-South-1b

22) Connect to Console.

i. check oat box.

ii. connect ✓   ✓   ✓

EC2 instonce Connect. | session monger | ssH client |

○ Instace-ID

▣ ****************   (my-first-serve)

Connection tupe

○ connect using EC2 instonce Connect

○ public Ip Address ▣ **** **** **** ****

○ username : ubuntu

└→ [you can Redscet ⟹ web Browser.]

23) <u>SSH client</u> gan can use - <u>IP.Address As well</u>.

    ↳ gown you can login through resious ways.

    ↳ ip Address, brouses concole, ssh key.pem.

24) Instance state = Stop instance.

                                    Start instance.

                                      Reboot instance.

                                      Hibernate instance.

    * you will loss —— Terminate (delete) instance.

   your data,