

Launch an On-demand EC2 instance with 7 GB EBS volume attached to it in AP-South-1 region. Configure your security groups such that only people within your Intime Tec network are able to SSH into it: -

1: - Created a VPC: -

Your VPCs (2) Info						
<div><div><div></div><div>Search</div></div><div><div><</div><div>1</div><div>></div><div></div></div></div>						
<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	
<input type="checkbox"/>	EBS-VPC	vpc-033617617f80c84eb	Available	10.0.0.0/16	-	
<input type="checkbox"/>	-	vpc-04f120302091d2e37	Available	172.31.0.0/16	-	

2: - Created an Internet Gateway: -

Internet gateways (1) Info				
<div><div><div></div><div>Search</div></div><div><div><</div><div>1</div><div>></div><div></div></div></div>				
<input type="checkbox"/>	Name	Internet gateway ID	State	VPC ID
<input type="checkbox"/>	IGTW-EBS	igw-0dc406570d531c397	Attached	vpc-033617617f80c84eb EBS-VPC

3: - Created a Subnets: -

Subnets (4) Info						
<div><div><div></div><div>Find resources by attribute or tag</div></div><div><div><</div><div>1</div><div>></div><div></div></div></div>						
<input type="checkbox"/>	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6
<input type="checkbox"/>	EBS-Subnet	subnet-00b85e9ba235b6da1	Available	vpc-033617617f80c84eb EBS-...	10.0.2.0/24	-

4: - Created a Route Table:-

Route tables (3) Info						
<div><div><div></div><div>Find resources by attribute or tag</div></div><div><div><</div><div>1</div><div>></div><div></div></div></div>						
<input type="checkbox"/>	Name	Route table ID	Explicit subnet associati...	Edge associations	Main	VPC
<input type="checkbox"/>	-	rtb-0993a7fe5b61046d7	-	-	Yes	vpc-04f120302091d2e37
<input type="checkbox"/>	-	rtb-035483f822b30dc85	-	-	Yes	vpc-033617617f80c84eb EBS
<input type="checkbox"/>	EBS :- RT-PUBLIC	rtb-0919597935386e4ab	subnet-00b85e9ba235b6...	-	No	vpc-033617617f80c84eb EBS

5: - Created A EC2 Instance With 7GB Volume:-

Volumes (2) Info

Search

↻

Actions

Create volume

< 1 >

<input type="checkbox"/>	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
<input type="checkbox"/>	EBS-VOLUME-...	vol-012af12828159af8d	gp3	7 GiB	3000	125	-	2024/02

6:- Security Group creation for Only Intimetec People can access : -

[EC2](#) > [Security Groups](#) > [sg-08dc37286494c34f3 - EBS-SUBNET](#) > Edit inbound rules

Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules [Info](#)

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
sgr-0f74e5ab5a5b9f1aa	SSH	TCP	22	Cus... <input type="text" value="0.0.0.0/0"/>		Delete
Add rule						

Rules with source of 0.0.0.0/0 or ::/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

[Cancel](#) [Preview changes](#) [Save rules](#)

- I have no idea about intime tec network IP's Address
- So, I choose option to **MY IP** so only my Ip address can access this instance.

[EC2](#) > [Security Groups](#) > [sg-08dc37286494c34f3 - EBS-SUBNET](#) > Edit inbound rules

Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules [Info](#)

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
sgr-0f74e5ab5a5b9f1aa	SSH	TCP	22	My IP <input type="text" value="122.187.39.146/32"/>		Delete
Add rule						

[Cancel](#) [Preview changes](#) [Save rules](#)

- IF I have IP address of intime tec network then we can select the Custom button and SSH through the intime tec Network.
- Through MY IP we can ssh this instance

```
ubuntu@ip-10-0-2-247: ~  
System information as of Fri Feb 2 18:18:39 UTC 2024  
  
System load: 0.0      Processes: 95  
Usage of /: 20.5% of 7.57GB    Users logged in: 0  
Memory usage: 20%      IPv4 address for eth0: 10.0.2.247  
Swap usage: 0%  
  
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-10-0-2-247:~$ |
```

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