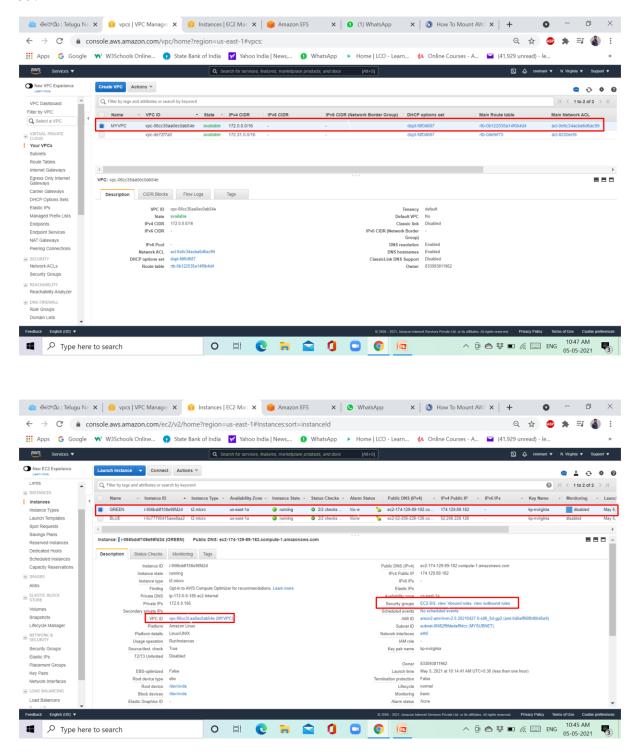
**AWS Project: -9** 

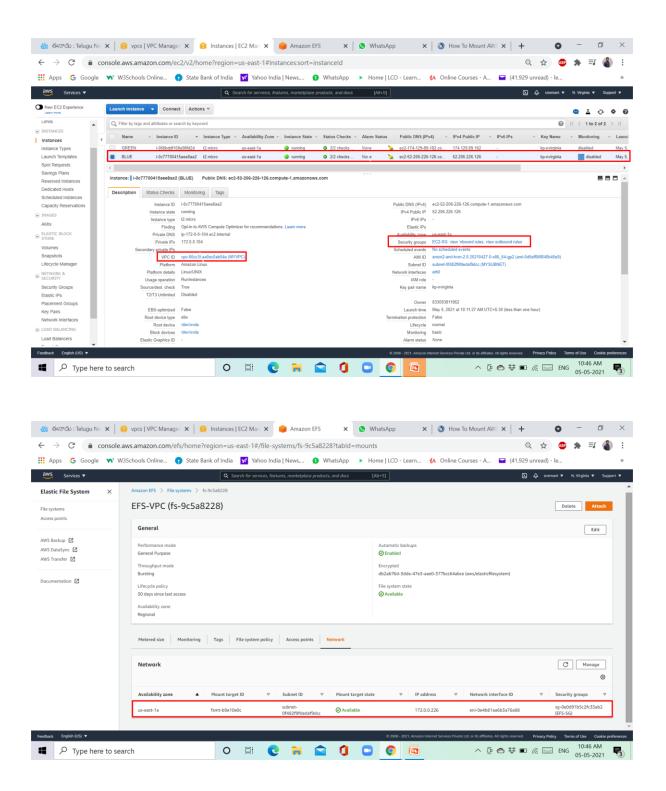
Project Date: - 05.05.2021

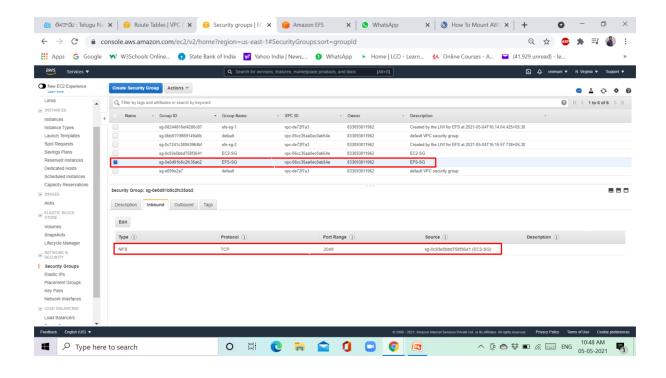
Prepared by: - Sarveswara Sarma Nemani

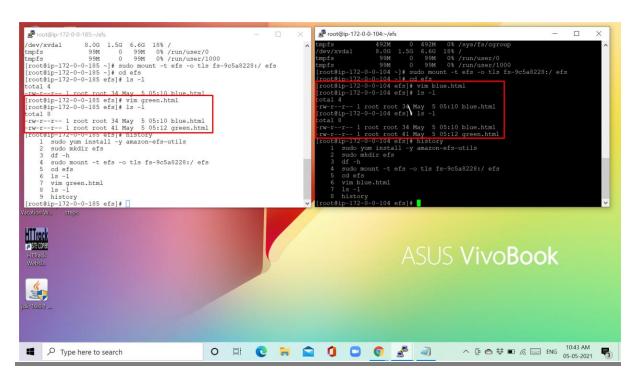
Q:- Create **EFS Mount point** with INFRA-VPC & Own Security Group and Mount at one server and check this mount in another server ( Observation : same data will be there at another server if mount correctly)

#### Sol:









## BlueTerminal Logs: -

login as: ec2-user

Authenticating with public key "imported-openssh-key"



https://aws.amazon.com/amazon-linux-2/ [ec2-user@ip-172-0-0-104 ~]\$ sudo -i [root@ip-172-0-0-104 ~]# sudo yum install -y amazon-efs-utils Loaded plugins: extras\_suggestions, langpacks, priorities, update-motd amzn2-core | 3.7 kB 00:00

**Resolving Dependencies** 

- --> Running transaction check
- ---> Package amazon-efs-utils.noarch 0:1.30.1-1.amzn2 will be installed
- --> Processing Dependency: stunnel >= 4.56 for package: amazon-efs-utils-1.31.amzn2.noarch
- --> Running transaction check
- ---> Package stunnel.x86\_64 0:4.56-6.amzn2.0.3 will be installed
- --> Finished Dependency Resolution

#### Dependencies Resolved

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Package Arch Version Repository S

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Installing:

amazon-efs-utils noarch 1.30.1-1.amzn2 amzn2-core 3

Installing for dependencies:

stunnel x86\_64 4.56-6.amzn2.0.3 amzn2-core 14

**Transaction Summary** 

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========

Install 1 Package (+1 Dependent package)

Total download size: 188 k Installed size: 447 k

Downloading packages:

(1/2): amazon-efs-utils-1.30.1-1.amzn2.noarch.rpm | 39 kB 00:00 (2/2): stunnel-4.56-6.amzn2.0.3.x86\_64.rpm | 149 kB 00:00

-----

Total 1.3 MB/s | 188 kB 00:00

Running transaction check Running transaction test Transaction test succeeded

Running transaction

Installing: stunnel-4.56-6.amzn2.0.3.x86\_64
Installing: amazon-efs-utils-1.30.1-1.amzn2.noarch

Verifying: stunnel-4.56-6.amzn2.0.3.x86\_64

Verifying: amazon-efs-utils-1.30.1-1.amzn2.noarch

Installed:

amazon-efs-utils.noarch 0:1.30.1-1.amzn2

Dependency Installed:

stunnel.x86\_64 0:4.56-6.amzn2.0.3

Complete!

[root@ip-172-0-0-104 ~]# sudo mkdir efs

[root@ip-172-0-0-104 ~]# df -h

Filesystem Size Used Avail Use% Mounted on

devtmpfs 482M 0 482M 0% /dev tmpfs 492M 0 492M 0% /dev/shm

```
tmpfs
            492M 456K 492M 1% /run
tmpfs
            492M 0 492M 0% /sys/fs/cgroup
/dev/xvda1
            8.0G 1.5G 6.6G 18% /
            99M 0 99M 0% /run/user/0
tmpfs
            99M 0 99M 0% /run/user/1000
tmpfs
[root@ip-172-0-0-104 ~]# sudo mount -t efs -o tls fs-9c5a8228:/ efs
[root@ip-172-0-0-104 ~]# cd efs
[root@ip-172-0-0-104 efs]# vim blue.html
[root@ip-172-0-0-104 efs]# ls -l
-rw-r--r-- 1 root root 34 May 5 05:10 blue.html
[root@ip-172-0-0-104 efs]# ls -l
-rw-r--r-- 1 root root 34 May 5 05:10 blue.html
-rw-r--r-- 1 root root 41 May 5 05:12 green.html
[root@ip-172-0-0-104 efs]# history
  1 sudo yum install -y amazon-efs-utils
  2 sudo mkdir efs
  3 df -h
  4 sudo mount -t efs -o tls fs-9c5a8228:/ efs
  6 vim blue.html
  7 ls -l
  8 history
[root@ip-172-0-0-104 efs]#
Green Terminal Logs: -
login as: ec2-user
Authenticating with public key "imported-openssh-key"
```

https://aws.amazon.com/amazon-linux-2/

[ec2-user@ip-172-0-0-185 ~]\$ sudo -i

[root@ip-172-0-0-185 ~]# sudo yum install -y amazon-efs-utils

Loaded plugins: extras suggestions, langpacks, priorities, update-motd

amzn2-core | 3.7 kB 00:0

**Resolving Dependencies** 

- --> Running transaction check
- ---> Package amazon-efs-utils.noarch 0:1.30.1-1.amzn2 will be installed
- --> Processing Dependency: stunnel >= 4.56 for package: amazon-efs-utils-11.amzn2.noarch
- --> Running transaction check
- ---> Package stunnel.x86\_64 0:4.56-6.amzn2.0.3 will be installed
- --> Finished Dependency Resolution

Dependencies Resolved

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Package Arch Version Repository

```
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```

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Installing:

amazon-efs-utils noarch 1.30.1-1.amzn2 amzn2-core

Installing for dependencies:

stunnel x86\_64 4.56-6.amzn2.0.3 amzn2-core

### **Transaction Summary**

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=======

Install 1 Package (+1 Dependent package)

Total download size: 188 k Installed size: 447 k

Downloading packages:

 (1/2): amazon-efs-utils-1.30.1-1.amzn2.noarch.rpm
 | 39 kB 00:0

 (2/2): stunnel-4.56-6.amzn2.0.3.x86\_64.rpm
 | 149 kB 00:0

Total

1.0 MB/s | 188 kB 00:0

Running transaction check Running transaction test Transaction test succeeded

Running transaction

Installing: stunnel-4.56-6.amzn2.0.3.x86\_64

Installing: amazon-efs-utils-1.30.1-1.amzn2.noarch Verifying: stunnel-4.56-6.amzn2.0.3.x86 64

Verifying: amazon-efs-utils-1.30.1-1.amzn2.noarch

Installed:

amazon-efs-utils.noarch 0:1.30.1-1.amzn2

Dependency Installed:

stunnel.x86\_64 0:4.56-6.amzn2.0.3

# Complete!

[root@ip-172-0-0-185  $\sim$ ]# sudo mkdir efs

[root@ip-172-0-0-185 ~]# df -h

Filesystem Size Used Avail Use% Mounted on

devtmpfs 482M 0 482M 0% /dev tmpfs 492M 0 492M 0% /dev/shm tmpfs 492M 456K 492M 1% /run

tmpfs 492M 0 492M 0%/sys/fs/cgroup

/dev/xvda1 8.0G 1.5G 6.6G 18% /

 tmpfs
 99M
 0
 99M
 0% /run/user/0

 tmpfs
 99M
 0
 99M
 0% /run/user/1000

[root@ip-172-0-0-185 ~]# sudo mount -t efs -o tls fs-9c5a8228:/ efs

[root@ip-172-0-0-185 ~]# cd efs [root@ip-172-0-0-185 efs]# ls -l

total 4

-rw-r--r-- 1 root root 34 May 5 05:10 blue.html [root@ip-172-0-0-185 efs]# vim green.html

[root@ip-172-0-0-185 efs]# ls -l

total 8

-rw-r--r-- 1 root root 34 May 5 05:10 blue.html

-rw-r--r-- 1 root root 41 May 5 05:12 green.html [root@ip-172-0-0-185 efs]# history

- 1 sudo yum install -y amazon-efs-utils
- 2 sudo mkdir efs
- 3 df -h
- 4 sudo mount -t efs -o tls fs-9c5a8228:/ efs
- 5 cd efs
- 6 ls -l
- 7 vim green.html
- 8 ls -l
- 9 history

[root@ip-172-0-0-185 efs]#