

## EFS- 27<sup>th</sup> August Practical – Savita Nalawade

### 1) Creating EFS

**Success!**  
File system (fs-0bab2e48431bf2ca4) is available. [View file system](#)

Amazon EFS > File systems

**File systems (1)** [Refresh](#) [View details](#) [Delete](#) [Create file system](#)

	Name	File system ID	Encrypte d	Total size	Size in Standard	Size in IA	Size in Archive	Provisioned Throughput (MiB/s)	File system state	Creation time
<input type="checkbox"/>	<a href="#">EFS-FileSystem</a>	<a href="#">fs-0bab2e48431bf2ca4</a>	Encrypted	6.00 KiB	6.00 KiB	0 Bytes	0 Bytes	-	Available	Tue, 27 Aug 2024 16:16: GMT

### 2) Create two instances in different zone added one security grp with 2049 (nfs)port

Instances (2) [Info](#) [Refresh](#) [Connect](#) [Instance state](#) [Actions](#) [Launch instances](#)

[All states](#)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input type="checkbox"/>	EFS_VM02-1b	i-00b31beb9c92877dd	Running	t2.micro	2/2 checks passed	<a href="#">View alarms</a>	ap-south-1b	ec2-13-233-144-133.ap...
<input type="checkbox"/>	EFS_VM01-1a	i-065bda807c19ee9be	Running	t2.micro	2/2 checks passed	<a href="#">View alarms</a>	ap-south-1a	ec2-13-234-118-108.ap...

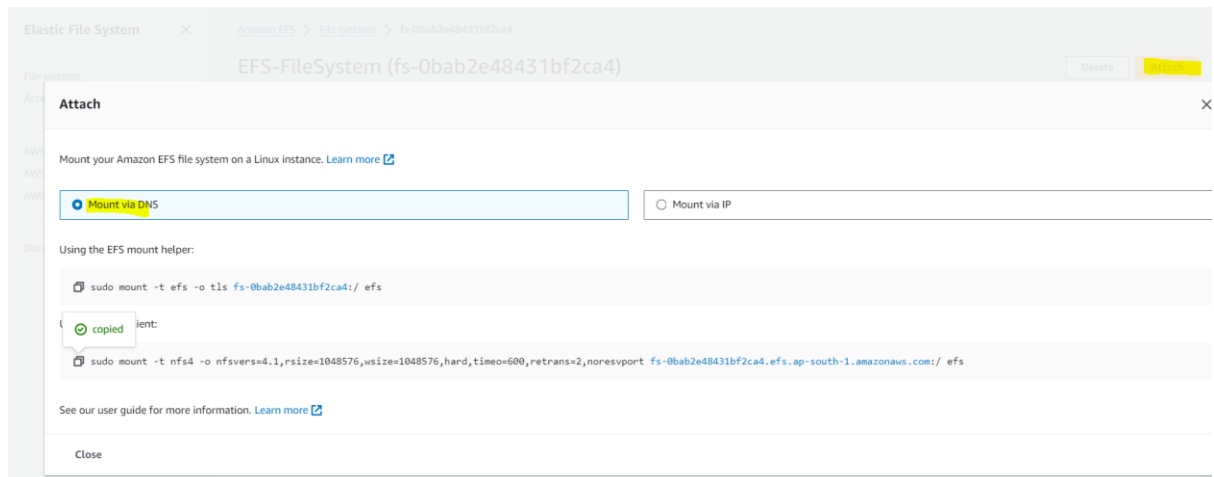
### 3) Security groups are mounted on EFS

Metered size | Monitoring | Tags | File system policy | Access points | **Network** | Replication

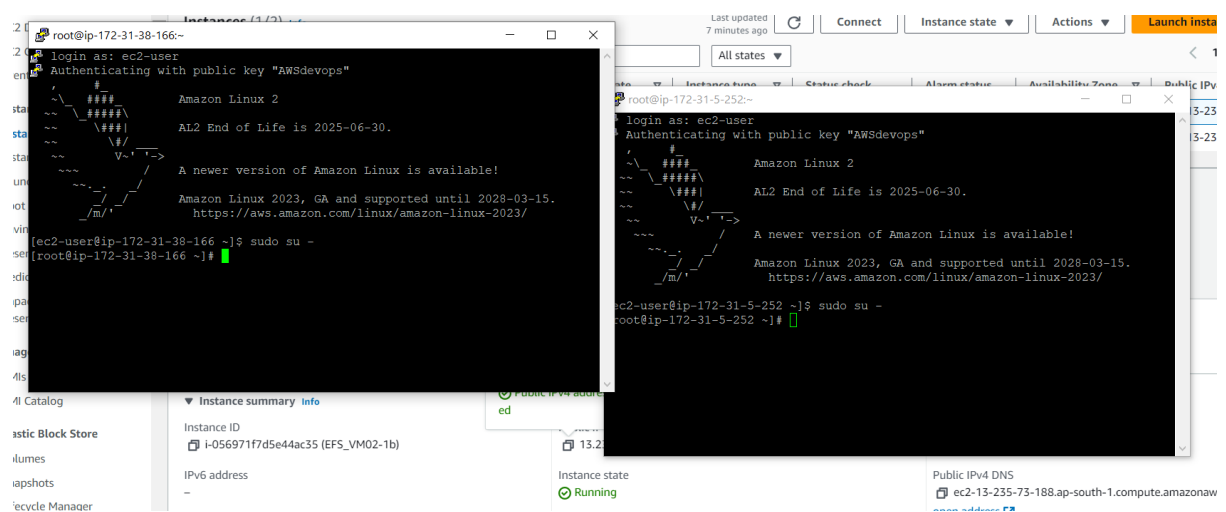
**Network** [Refresh](#) [Manage](#)

Availability zone (AZ-ID)	Mount target ID	Subnet ID	Mount target state	IP address	Network interface ID	Security groups
ap-south-1a (aps1-az1)	fsmt-02e902038c5cc1c5b	subnet-0117669ed04a81901	Available	172.31.38.136	eni-0f806d8788a3a2442	sg-084e846e197d56faf (EFS-Security group)
ap-south-1b (aps1-az3)	fsmt-0f66ec98b5811c14b	subnet-0697f7f6159f9d5ff	Available	172.31.10.151	eni-00fecec0ac211072a	sg-084e846e197d56faf (EFS-Security group)
ap-south-1c (aps1-az2)	fsmt-0a9902b21776a1f29	subnet-0f00995f926719d14	Available	172.31.28.129	eni-06feadef6bd20a231	sg-084e846e197d56faf (EFS-Security group)

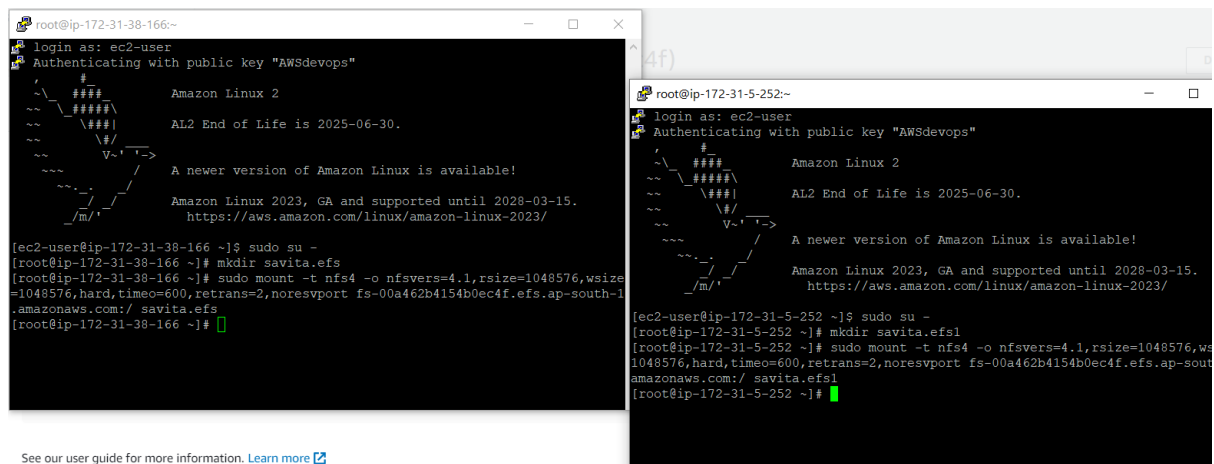
### 4) Attach EFS Via DNS



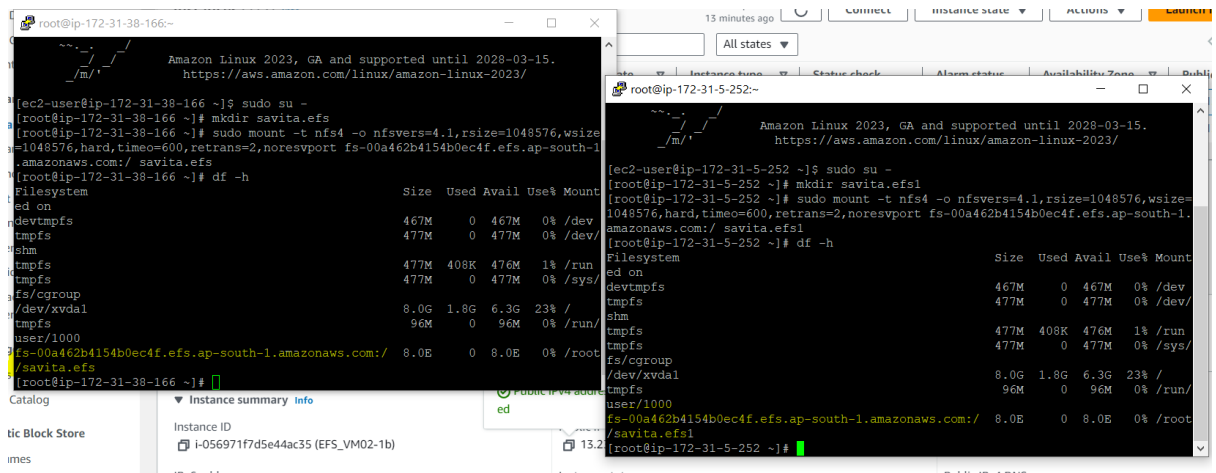
## 5) Connected to both instance via putty



## 6) Created directory on both instance and mounted efs via command



## 7) EFS have been successfully mounted on vm



8) Now if im creating file in 1a it should be visible in 1b

