

The screenshot shows the AWS EFS home page. On the left, there's a sidebar with links for 'File systems', 'Access points', 'AWS Backup', 'AWS DataSync', 'AWS Transfer', and 'Documentation'. The main content area features a large heading 'Amazon Elastic File System' with the subtext 'Scalable, elastic, cloud-native NFS file system'. Below this is a section titled 'What is Amazon Elastic File System?' with a small image of a cloud. To the right, there's a 'Pricing' table:

Standard storage	\$0.33 per GB	
Standard-Infrequent Access storage	\$0.027 per GB	
One Zone storage	\$0.176 per GB	

At the bottom of the main content area is a 'Create file system' button.

This screenshot shows the 'Create file system' dialog box. It has a 'Name - optional' field containing 'first efs', a 'Virtual Private Cloud (VPC)' dropdown set to 'vpc-06f405c2a337e0f4 default', and a 'Storage class' section where 'Standard' is selected. There are also 'Customize' and 'Create' buttons at the bottom.

The screenshot shows the AWS EFS console interface for creating a new file system. In the 'Lifecycle management' section, the 'Enable automatic backups' checkbox is checked. Under 'Transition into IA', it says 'Transition files from Standard to Standard-Inrequent Access.' Below that, there are dropdown menus for '7 day(s) since last access' and 'On first access'. In the 'Encryption' section, the 'Enable encryption of data at rest' checkbox is checked. A link to 'Customize encryption settings' is also present. At the bottom, there's a 'Performance settings' section.

The screenshot shows the 'Mount targets' configuration step in the EFS creation wizard. It lists three availability zones: ap-south-1a, ap-south-1b, and ap-south-1c. For each zone, it specifies a subnet ID (subnet-071..., subnet-054..., subnet-019...) and an IP address mode (Automatic). Security groups are assigned to each target: sg-003c8a342, sg-003c8a342, and sg-. The 'Choose security group' dropdown is open for the third target.

The screenshot shows the AWS EFS console with a file system named 'first efs' listed. The file system has an ID of fs-0c364f79121ebf75a, is encrypted, and has 0 Bytes of total size.

Name	File system ID	Encrypted	Total size	Size in Standard / One Zone	Size in Standard-IA / One Zone-IA
first efs	fs-0c364f79121ebf75a	Encrypted	0 Bytes	0 Bytes	0 Bytes

The screenshot shows the AWS EC2 console with the 'Launch an instance' wizard. The user has entered 'efs1' as the instance name. The 'Application and OS Images (Amazon Machine Image)' section is expanded, showing a search bar for AMIs.

**Name and tags**

Name: efs1

**Application and OS Images (Amazon Machine Image)**

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

Search our full catalog including 1000s of application and OS images

Key pair name - required

No preference

subnet-0546dc709d5e8a4ab  
VPC: vpc-06f405c2a337e0f4f Owner: 789576624500 Availability Zone: ap-south-1b  
IP addresses available: 4090 CIDR: 172.31.0.0/20

subnet-019ad687d93a13fb6  
VPC: vpc-06f405c2a337e0f4f Owner: 789576624500 Availability Zone: ap-south-1c  
IP addresses available: 4090 CIDR: 172.31.16.0/20

subnet-0719b6fe82ff443a  
VPC: vpc-06f405c2a337e0f4f Owner: 789576624500 Availability Zone: ap-south-1a  
IP addresses available: 4090 CIDR: 172.31.32.0/20

No preference

Auto-assign public IP [Info](#)

Enable

Firewall (security groups) [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group     Select existing security group

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Add new volume

File systems [Hide details](#)

EFS     F5x

You currently have no file systems on this instance. To add a file system, choose Add shared file system.

Add shared file system    [Create new shared file system](#)

5 remaining (Up to 5 file systems maximum).

► Advanced details [Info](#)

▼ Summary

Number of instances [Info](#)

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The screenshot shows the AWS Cloud9 interface. The top navigation bar includes tabs for 'Amazon EFS' and 'Launch an instance | EC2 Manager'. The main content area is titled 'File systems' and shows two options: 'EFS' (selected) and 'FSx'. Under 'Shared file system 1', there is a table with one row:

File system	Mount point
fs-0c364f79121ebf75a Name: first efs Availability: Regional	/mnt/efs/fs1

Below the table are several configuration options:

- Automatically create and attach security groups**: A checked checkbox with a descriptive tooltip.
- Automatically mount shared file system by attaching required user data script**: A checked checkbox with a descriptive tooltip.

At the bottom of the configuration section, there are buttons for 'Feedback', 'Type here to search', and links for 'Privacy', 'Terms', and 'Cookie preferences'.

This screenshot is identical to the one above, except the 'Mount point' field in the table has been changed to '/var/www/html'.

The screenshot shows the AWS EC2 Management Console interface. The top navigation bar includes tabs for 'Amazon EFS' and 'EC2 Management Console'. The main content area is titled 'Network settings' under the 'VPC - required' section. It displays a list of subnets:

- subnet-0546dc709d5e8a4ab (selected): VPC: vpc-06f405c2a337e0f4f, Owner: 789576624500, Availability Zone: ap-south-1b, IP addresses available: 4090, CIDR: 172.31.0.0/16
- subnet-019ad687d83a13fb6 (disabled): VPC: vpc-06f405c2a337e0f4f, Owner: 789576624500, Availability Zone: ap-south-1c, IP addresses available: 4090, CIDR: 172.31.16.0/20
- subnet-07189b6fe82ff443a (disabled): VPC: vpc-06f405c2a337e0f4f, Owner: 789576624500, Availability Zone: ap-south-1a, IP addresses available: 4089, CIDR: 172.31.32.0/20

A note below the subnets states: "This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and \_-:/()#,@[]+=;&;{}\$".

The bottom of the page includes standard AWS footer links for Feedback, Privacy, Terms, and Cookie preferences, along with a search bar and system status indicators.

The screenshot shows the AWS EC2 Management Console interface. The top navigation bar includes tabs for 'Amazon EFS' and 'EC2 Management Console'. The main content area is titled 'User data' for an instance. The user data script is displayed as follows:

```
- efs_mount_point_1=/var/www/html  
- mkdir -p ${efs_mount_point_1}  
- test -f "/sbin/mount.efs" && printf "\n${file_system_id}_1:/  
${efs_mount_point_1} efs .netdev0n>> /etc/fstab || printf  
\n${file_system_id}_1.ebs.ap-south-1.amazonaws.com/ ${efs_mount_point_1}  
nfs  
nfsvers=4,rsize=1048576,wsize=1048576,hard,timeo=600,retrans=2,noresvport,_  
netdev 0 \n" >> /etc/fstab  
- test -f "/sbin/mount.efs" && grep -oP 'client-info]\nsource'  
'/etc/amazon/efs/efs-utils.conf'; if [[ $? == 1 ]]; then printf "\n[client-  
info]\nsource=liw\n" >> /etc/amazon/efs/efs-utils.conf; fi;  
- retryCnt=15; waitTime=30; while true; do mount -a -t efs nfs4 defaults; if [ $? == 0  
] || [ $retryCnt -lt 1 ]; then echo File system mounted successfully; break; fi; echo  
File system not available, retrying to mount.; ((retryCnt--)); sleep $waitTime; done;
```

A note below the script states: "This user data was automatically generated. It includes the commands needed to mount the specified file systems. To enable editing, choose Edit." There is a 'Edit' button next to the note.

The bottom of the page includes standard AWS footer links for Feedback, Privacy, Terms, and Cookie preferences, along with a search bar and system status indicators.

Amazon EFS EC2 Management Console

File systems

Availability zone	Mount target ID	Subnet ID	Mount target state	IP address	Network interface ID	Security groups
ap-south-1a	fsmnt-00135b507 26f96d76	subnet-07189b6fe8 2ff443a	Available	172.31.37.2 22	eni-03bf76444a 3ac635a	sg-003c8a342f d097996 (default), sg-09bb23969 658a8eab (efs-sg-3), sg-02cf241ab9 92638ba (efs-sg-2)
ap-south-1b	fsmnt-03b63a2051	subnet-05a164d70a	Available	172.31.13.9	eni-03bf76444b 3ac635b	sg-003c8a342f d097996 (default), sg-09bb23969

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Amazon EFS Connect to instance | EC2 Manager

Units: sectors of 1 \* 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
Disklabel type: gpt  
Device identifier: DA90AB95-8C11-4BAE-9157-C48213FBAD0C

Device	Start	End	Sectors	Size	Type
/dev/xvda1	4096	16777182	16773087	8G	Linux filesystem
/dev/xvda128	2048	4095	2048	1M	BIOS boot

Partition table entries are not in disk order.  
(root@ip-172-31-12-140 ~) # df -hT

```
Filesystem Type Size Used Avail Use% Mounted on
/devtmpfs devtmpfs 474M 0 474M 0% /dev
tmpfs tmpfs 483M 0 483M 0% /dev/shm
tmpfs tmpfs 483M 468K 483M 1% /run
tmpfs tmpfs 483M 0 483M 0% /sys/fs/cgroup
/dev/xvda1 xfs 8.0G 1.6G 6.5G 20% /
127.0.0.1:/ nfs4 8.0E 0 8.0E 0% /var/www/html
tmpfs tmpfs 97M 0 97M 0% /run/user/1000

```

[root@ip-172-31-12-140 ~]#

i-0b7ecdb4e87172dcb (efs2)

Public IPs: 52.66.241.51 Private IPs: 172.31.12.140

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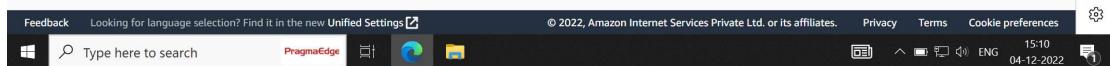
A screenshot of a web browser window titled "Amazon EFS" and "EC2 Instance Connect". The URL is <https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0b7ecdb4e87172dcb>. The page displays information about the EC2 instance, including its disk identifier (DA90AB95-8C11-4BAE-9157-C48213FBAD0C), partition table entries, and file system usage. It also shows the command history for creating a file named "index.html" with the content "welcome to kanna" in the "/var/www/html" directory.

```
Disk identifier: DA90AB95-8C11-4BAE-9157-C48213FBAD0C
Device Start End Sectors Size Type
/dev/xvda1 4096 16777182 16773087 8G Linux filesystem
/dev/xvda128 2048 4095 2048 1M BIOS boot

Partition table entries are not in disk order.
[root@ip-172-31-12-140 ~]# df -hT
Filesystem Type Size Used Avail Use% Mounted on
devtmpfs devtmpfs 474M 0 474M 0% /dev/shm
tmpfs tmpfs 483M 0 483M 0% /run
tmpfs tmpfs 468K 483M 1% /sys/fs/cgroup
/dev/xvda1 xfs 8.0G 1.6G 6.5G 20% /
127.0.0.1:/ nfs4 8.0E 0 8.0E 0% /var/www/html
tmpfs tmpfs 97M 0 97M 0% /run/user/1000
[root@ip-172-31-12-140 ~]# echo "welcome to kanna" > /var/www/html/index.html
[root@ip-172-31-12-140 ~]# cd /var/www/html/
[root@ip-172-31-12-140 html]# cat index.html
welcome to kanna
[root@ip-172-31-12-140 html]#
```

i-0b7ecdb4e87172dcb (efs2)

PublicIPs: 52.66.241.51 PrivateIPs: 172.31.12.140



A screenshot of a web browser window titled "Amazon EFS" and "EC2 Instance Connect". The URL is <https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-0afdf9f907d9446da3>. The page displays information about the EC2 instance, including its AMI name (Amazon Linux 2 AMI). It shows the command history for running an update on the instance.

```
Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 1 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-46-37 ~]$ this is instance 2
```

i-0afdf9f907d9446da3 (efs1)

PublicIPs: 13.234.32.151 PrivateIPs: 172.31.46.37



The screenshot shows a Microsoft Edge browser window with three tabs open:

- Amazon EFS
- Connect to instance | EC2 Manager
- EC2 Instance Connect

The main content area displays a terminal session titled "Amazon Linux 2 AMI". The session output shows:

```
https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 1 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-46-37 ~]$ sudo su -
[root@ip-172-31-46-37 ~]# cd /var/www/html/
[root@ip-172-31-46-37 html]# cat index.html
welcome to kanna
[root@ip-172-31-46-37 html]#
```

Below the terminal, a message box shows:

i-0afdf9f907d9446da3 (efs1)  
PublicIPs: 13.234.32.151 PrivateIPs: 172.31.46.37

The status bar at the bottom indicates the session is running on "Mumbai" and is associated with "The Eshwar Kanna" user.

Below the terminal, the browser navigation bar shows:

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The second part of the screenshot shows the AWS CloudShell interface for managing an Elastic File System (EFS) file system named "efs1".

The left sidebar lists:

- Elastic File System
- File systems
- Access points
- AWS Backup
- AWS DataSync
- AWS Transfer
- Documentation

The main pane displays the following details for the file system:

Throughput mode	Encrypted
Bursting	3063b89c-c08d-4d2d-9d04-c789a54fb933 (aws/elasticfilesystem)
Lifecycle management	File system state
Transition into IA: 7 day(s) since last access	Available
Transition out of IA: On first access	
Availability zone	DNS name
Standard	fs-0c364f79121ebf75a.efs.ap-south-1.amazonaws.com

The "File system policy" tab is selected, showing a "Policy" section with "Delete" and "Edit" buttons. Below the table, there are tabs for Metered size, Monitoring, Tags, File system policy, Access points, Network, and Replication.

The status bar at the bottom indicates the session is running on "Mumbai" and is associated with "The Eshwar Kanna" user.

The third part of the screenshot shows the AWS CloudShell interface for managing an EFS file system named "efs1".

The left sidebar lists:

- Elastic File System
- File systems
- Access points
- AWS Backup
- AWS DataSync
- AWS Transfer
- Documentation

The main pane displays the following details for the file system:

Throughput mode	Encrypted
Bursting	3063b89c-c08d-4d2d-9d04-c789a54fb933 (aws/elasticfilesystem)
Lifecycle management	File system state
Transition into IA: 7 day(s) since last access	Available
Transition out of IA: On first access	
Availability zone	DNS name
Standard	fs-0c364f79121ebf75a.efs.ap-south-1.amazonaws.com

The "File system policy" tab is selected, showing a "Policy" section with "Delete" and "Edit" buttons. Below the table, there are tabs for Metered size, Monitoring, Tags, File system policy, Access points, Network, and Replication.

The status bar at the bottom indicates the session is running on "Mumbai" and is associated with "The Eshwar Kanna" user.

The screenshot shows the AWS Management Console with the URL <https://ap-south-1.console.aws.amazon.com/efs/home?region=ap-south-1#file-systems/fs-0c364f79121ebf75a/policy>. The left sidebar shows 'Elastic File System' and 'File systems'. The main content area is titled 'File system policy' and contains a 'Policy options' section with checkboxes for 'Prevent root access by default\*', 'Enforce read-only access by default\*' (which is checked), 'Prevent anonymous access', and 'Enforce in-transit encryption for all clients'. Below this is a note about identity-based policies overriding default permissions. A 'Grant additional permissions' button is present. To the right is a 'Policy editor [JSON]' section with the following JSON code:

```
1  {
2    "Version": "2012-10-17",
3    "Id": "efs-policy-wizard-ebef9dee-5e5e-4d4a-86bb-1f0c48e79ed1",
4    "Statement": [
5      {
6        "Sid": "efs-statement-894947ed-a439-41f8-84a2-f709d0c6d9",
7        "Effect": "Allow",
8        "Principal": "*",
9        "AWS": "*",
10       },
11      {
12        "Action": [
13          "elasticfilesystem:ClientRootAccess",
14          "elasticfilesystem:ClientMount"
15        ],
16        "Condition": {
17          "Bool": {
18            "elasticfilesystem:AccessedViaMountTarget": "true"
19          }
20        }
21      }
22    ]
}
```

The screenshot shows the AWS Management Console with the URL <https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&i...>. The terminal session is running on an Amazon Linux 2 AMI instance. The user has run the command `curl https://aws.amazon.com/amazon-linux-2/` and is viewing the output. The output shows the following:

```
https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 1 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-46-37 ~]$ sudo su -
[root@ip-172-31-46-37 ~]# cd /var/www/html/
[root@ip-172-31-46-37 html]# cat index.html
welcome to kannan
[root@ip-172-31-46-37 html]# touch hi.txt
[root@ip-172-31-46-37 html]# ls
hi.txt index.html
[root@ip-172-31-46-37 html]# it worked even after selecting read only permission since it is mounted before setting up the permissions to set permission umount the folder and mount again
```

```

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 1 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-46-37 ~]$ sudo su -
[root@ip-172-31-46-37 ~]# cd /var/www/html/
[root@ip-172-31-46-37 html]# cat index.html
welcome to kanna
[root@ip-172-31-46-37 html]# touch hi.txt
[root@ip-172-31-46-37 html]# ls
hi.txt index.html
[root@ip-172-31-46-37 html]# it worked even after selecting read only permission since it is mounted before setting up the permissions to set permission umount the folder and mount again
[bash: it: command not found
[root@ip-172-31-46-37 html]# umount /var/www/html/

```

i-0afdf9f907d9446da3 (efs1)

PublicIPs: 13.234.32.151 PrivateIPs: 172.31.46.37

```

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 1 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-46-37 ~]$ sudo su -
[root@ip-172-31-46-37 ~]# cd /var/www/html/
[root@ip-172-31-46-37 html]# cat index.html
welcome to kanna
[root@ip-172-31-46-37 html]# touch hi.txt
[root@ip-172-31-46-37 html]# ls
hi.txt index.html
[root@ip-172-31-46-37 html]# it worked even after selecting read only permission since it is mounted before setting up the permissions to set permission umount the folder and mount again
[bash: it: command not found
[root@ip-172-31-46-37 html]# umount /var/www/html/
umount.nfsd: /var/www/html: device is busy
[root@ip-172-31-46-37 html]# umount /var/www/html/
umount.nfsd: /var/www/html: device is busy
[root@ip-172-31-46-37 html]# umount -l /var/www/html/
[root@ip-172-31-46-37 html]#

```

i-0afdf9f907d9446da3 (efs1)

PublicIPs: 13.234.32.151 PrivateIPs: 172.31.46.37

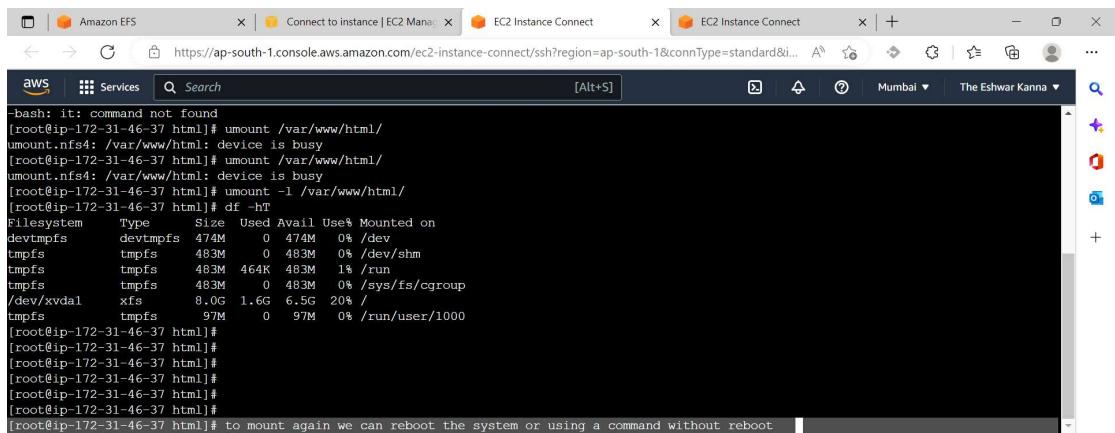
```

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 1 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-46-37 ~]$ sudo su -
[root@ip-172-31-46-37 ~]# cd /var/www/html/
[root@ip-172-31-46-37 html]# cat index.html
welcome to kanna
[root@ip-172-31-46-37 html]# touch hi.txt
[root@ip-172-31-46-37 html]# ls
hi.txt index.html
[root@ip-172-31-46-37 html]# it worked even after selecting read only permission since it is mounted before setting up the permissions to set permission umount the folder and mount again
[bash: it: command not found
[root@ip-172-31-46-37 html]# umount /var/www/html/
umount.nfsd: /var/www/html: device is busy
[root@ip-172-31-46-37 html]# umount /var/www/html/
umount.nfsd: /var/www/html: device is busy
[root@ip-172-31-46-37 html]# umount -l /var/www/html/
[root@ip-172-31-46-37 html]#

```

i-0afdf9f907d9446da3 (efs1)

PublicIPs: 13.234.32.151 PrivateIPs: 172.31.46.37



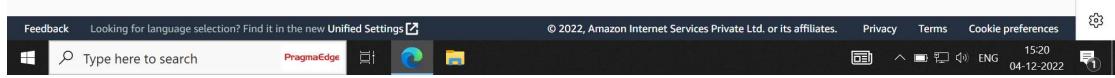
```

-bash: it: command not found
[root@ip-172-31-46-37 html]# umount /var/www/html/
umount.nfs4: /var/www/html: device is busy
[root@ip-172-31-46-37 html]# umount /var/www/html/
umount.nfs4: /var/www/html: device is busy
[root@ip-172-31-46-37 html]# umount -l /var/www/html/
[root@ip-172-31-46-37 html]# df -hT
Filesystem      Type  Size  Used Avail Mounted on
/devtmpfs       devtmpfs 474M   0  474M  0% /dev
tmpfs          tmpfs   483M   0  483M  0% /dev/shm
tmpfs          tmpfs   483M  464K 483M  1% /run
tmpfs          tmpfs   483M   0  483M  0% /sys/fs/cgroup
/dev/xvda1      xfs    8.0G  1.6G  6.5G  20% /
tmpfs          tmpfs   97M   0   97M  0% /run/user/1000
[root@ip-172-31-46-37 html]#
[root@ip-172-31-46-37 html]#
[root@ip-172-31-46-37 html]#
[root@ip-172-31-46-37 html]#
[root@ip-172-31-46-37 html]#
[root@ip-172-31-46-37 html]#
[root@ip-172-31-46-37 html]# to mount again we can reboot the system or using a command without reboot

```

i-0afdf9f907d9446da3 (efs1)

PublicIPs: 13.234.32.151 PrivateIPs: 172.31.46.37

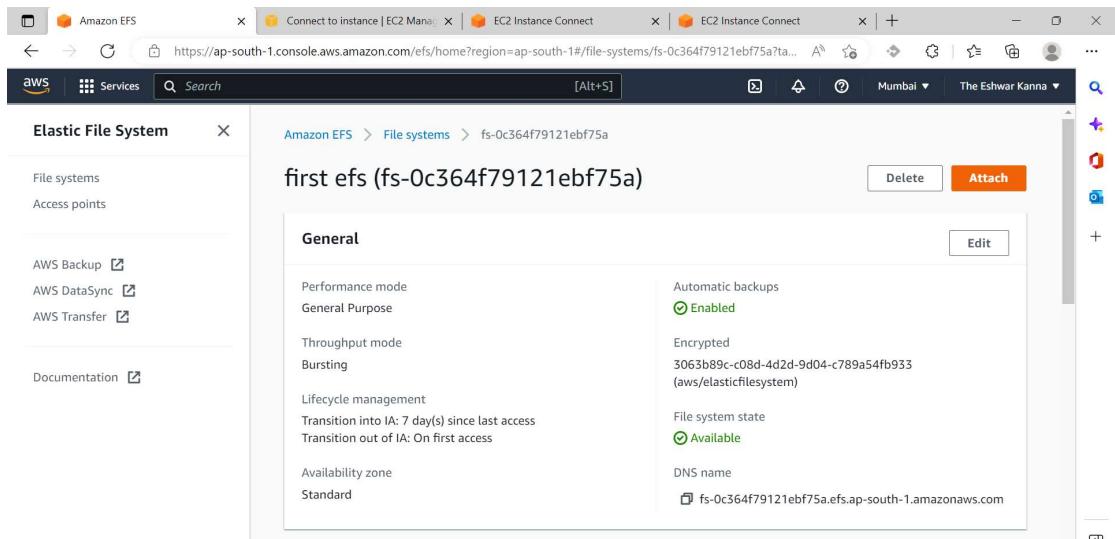


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## Elastic File System

[File systems](#) [Access points](#)

[AWS Backup](#) [AWS DataSync](#) [AWS Transfer](#)

[Documentation](#)

[Amazon EFS](#) > [File systems](#) > fs-0c364f79121ebf75a

### first efs (fs-0c364f79121ebf75a)

[Delete](#) [Attach](#)

#### General

Performance mode	Automatic backups
General Purpose	<input checked="" type="checkbox"/> Enabled
Throughput mode	Encrypted
Bursting	3063b89c-c08d-4d2d-9d04-c789a54fb933 (aws/elasticfilesystem)
Lifecycle management	File system state
Transition into IA: 7 day(s) since last access	<input checked="" type="checkbox"/> Available
Transition out of IA: On first access	DNS name
Availability zone	fs-0c364f79121ebf75a.efs.ap-south-1.amazonaws.com
Standard	

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The screenshot shows the 'Attach' dialog box from the AWS EFS console. It provides instructions for mounting the Amazon EFS file system on a Linux instance. Two methods are shown: 'Mount via DNS' (selected) and 'Mount via IP'. Under 'Using the EFS mount helper:', the command is listed as:

```
sudo mount -t efs -o tls fs-0c364f79121ebf75a:/ efs
```

Under 'Using the NFS client:', the command is listed as:

```
sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsize=1048576,hard,timeo=600,retrans=2,noresvport fs-0c364f79121ebf75a.efs.ap-south-1.amazonaws.com:/ efs
```

A 'User guide' link is also present.

The screenshot shows a terminal session within the EC2 Instance Connect interface. The user has run the command:

```
sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsize=1048576,hard,timeo=600,retrans=2,noresvport fs-0c364f79121ebf75a.efs.ap-south-1.amazonaws.com:/ var/www/html
```

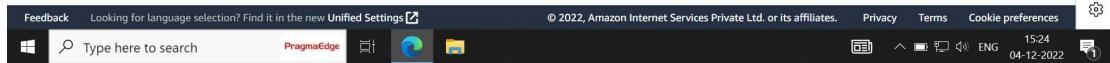
The output of the command is displayed, showing the creation of a bind mount at /var/www/html. The terminal window includes a status bar at the bottom showing the date and time (04-12-2022, 15:24).

```
-R, --rbind      mount a subtree and all submounts somewhere else
--make-shared   mark a subtree as shared
--make-slave    mark a subtree as slave
--make-private  mark a subtree as private
--make-unbindable mark a subtree as unbindable
--make-rshared   recursively mark a whole subtree as shared
--make-rslave   recursively mark a whole subtree as slave
--make-rprivate  recursively mark a whole subtree as private
--make-runbindable recursively mark a whole subtree as unbindable

For more details see mount(8).
[root@ip-172-31-46-37 ~]# echo $?
1
[root@ip-172-31-46-37 ~]# sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsize=1048576,hard,timeo=600,retrans=2,noresvport fs-0c364f79121eb
f75a.efs.ap-south-1.amazonaws.com:/var/www/html
[root@ip-172-31-46-37 ~]# cd /var/www/html/
[root@ip-172-31-46-37 html]# ls
hi.txt index.html
[root@ip-172-31-46-37 html]# touch kanna.txt
touch: cannot touch 'kanna.txt': Read-only file system
[root@ip-172-31-46-37 html]#
```

i-0afdf9f907d9446da3 (efs1)

PublicIPs: 13.234.32.151 PrivateIPs: 172.31.46.37



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aws Services **s3**

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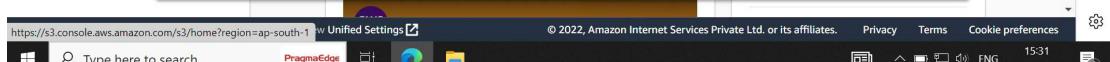
S3 ★ Scalable Storage in the Cloud

S3 Glacier ★ Archive Storage in the Cloud

AWS Snow Family ★ Large Scale Data Transport

AWS Transfer Family ★ Fully managed support for SFTP, FTPS and FTP

See all 8 results



The screenshot shows the 'Create bucket' page in the AWS S3 Management Console. The 'General configuration' section is active, displaying the following details:

- Bucket name:** firstbucketones
- AWS Region:** Asia Pacific (Mumbai) ap-south-1

The 'Object Ownership' section is also visible, providing information about controlling ownership of objects written to the bucket.

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The screenshot shows the 'Upload' page within the 'firstbucketones' bucket. The interface includes a central area for dragging and dropping files, a 'Files and folders' table, and a message indicating no files or folders have been selected for upload.

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The screenshot shows the 'Object overview' details for the file 'eshwar.l.jpg'. The key information displayed includes:

- Owner:** 9ae6b84e4d71bdee09c288a396dfd37d5c37566d902af5f37be3a453154fc0a
- S3 URI:** s3://firstbucketones/eshwar.l.jpg
- AWS Region:** Asia Pacific (Mumbai) ap-south-1
- Amazon Resource Name (ARN):** arn:aws:s3:::firstbucketones/eshwar.l.jpg
- Last modified:** December 4, 2022, 15:34:45 (UTC+05:30)
- Entity tag (Etag):** cb41f0bc71952199fb81955f23335d40
- Size:** 232.7 KB
- Type:** jpg
- Object URL:** https://firstbucketones.s3.ap-south-1.amazonaws.com/eshwar.l.jpg
- Key:** eshwar.l.jpg

The left sidebar shows the 'Amazon S3' navigation menu with options like Buckets, Storage Lens, and Feature spotlight.

The screenshot shows the 'Properties' tab of the object's properties page. The 'Object overview' section displays the same information as the previous screenshot. A context menu is open over the 'Object actions' button, showing options such as:

- Download as
- Share with a presigned URL
- Calculate total size
- Copy
- Move
- Initiate restore
- Query with S3 Select
- Edit actions
- Rename object
- Edit storage class
- Edit server-side encryption
- Edit metadata
- Edit tags

The left sidebar shows the 'Amazon S3' navigation menu with options like Buckets, Storage Lens, and Feature spotlight.

The screenshot shows the AWS S3 console interface. A modal window titled "Share 'eshwar L.jpg' with a presigned URL" is open. It contains instructions about presigned URLs and a configuration section. The "Time interval until the presigned URL expires" is set to "Minutes" with a value of "1". A note states: "Must be a whole number between 1 and 720." Below this, a button says "Create presigned URL". To the right, the object's details are visible: Name: eshwar L.jpg, Size: 232.7 KB, Last modified: December 4, 2022, 15:34:45 (UTC+05:30), and ARN: arn:aws:s3:::firstbucketones/eshwar L.jpg. At the bottom of the modal, a message says "After you create the presigned URL, it's automatically copied to your clipboard." The status bar at the bottom indicates the URL is https://firstbucketones.s3.ap-south-1.amazonaws.co.

Share "eshwar L.jpg" with a presigned URL

Presigned URLs are used to grant access to an object for a limited time. [Learn more](#)

Anyone can access the object with this presigned URL until it expires, even if the bucket, and object are private.

Time interval until the presigned URL expires

Using the S3 console, you can share an object with a presigned URL for up to 12 hours or until your session expires. To create a presigned URL with a longer time interval, use the AWS CLI or AWS SDK. Time intervals for presigned URLs can be restricted by your IAM policy.

Minutes  Hours

Number of minutes

1

Must be a whole number between 1 and 720.

Cancel [Create presigned URL](#)

eshwar L.jpg  
tones/eshwar L.jpg  
81955f23335d40

https://firstbucketones.s3.ap-south-1.amazonaws.co

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The screenshot shows the AWS S3 console interface. A modal window titled "A presigned URL for 'eshwar L.jpg' has been created and copied to your clipboard." is open. It contains a "Copy presigned URL" button. To the right, the object's details are visible: Name: eshwar L.jpg, Size: 232.7 KB, Last modified: December 4, 2022, 15:34:45 (UTC+05:30), and ARN: arn:aws:s3:::firstbucketones/eshwar L.jpg. At the bottom of the modal, a message says "After you create the presigned URL, it's automatically copied to your clipboard." The status bar at the bottom indicates the URL is https://firstbucketones.s3.ap-south-1.amazonaws.co.

A presigned URL for "eshwar L.jpg" has been created and copied to your clipboard.

[Copy presigned URL](#)

Amazon S3 > Buckets > firstbucketones > eshwar L.jpg

eshwar L.jpg [Info](#)

[Copy S3 URI](#) [Download](#) [Open](#) [Object actions](#)

Properties Permissions Versions

**Object overview**

Owner	S3 URI
9ae6b84e4d71bdee09c288a396dfd37d5c37566d902af5f37be3a453154fc0a	<a href="https://firstbucketones.s3.ap-south-1.amazonaws.co/eshwar L.jpg">s3://firstbucketones/eshwar L.jpg</a>
AWS Region	Amazon Resource Name (ARN)
Asia Pacific (Mumbai) ap-south-1	<a href="#">arn:aws:s3:::firstbucketones/eshwar L.jpg</a>
Last modified	Entity tag (Etag)
December 4, 2022, 15:34:45 (UTC+05:30)	<a href="#">cb41f0bc71952199fb81955f23335d40</a>

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