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Elastic File System  
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AWS EFS lets you create scalable file storage to be used on EC2. You don't have to bother about capacity forecasting as it can scale up or down on-demand.

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Some of the EFS advantages are:  
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- 1) Fully managed by AWS
- 2) Low cost, pay for what you use
- 3) Highly available & durable service
- 4) Automatically scale up or down
- 5) Scalable performance

Let's get it started.

Login to the AWS console
Go to Services and select EFS under storage
Click "Create file system."

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Mounting EFS on EC2  
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Before mounting, you need to install the NFS client. If you expand the list and click on "Amazon EC2 mount instructions", you will get the details.

```
# Login to EC2 instance and install the NFS client  
  
$ sudo yum install -y amazon-efs-utils  
  
# Let's create a folder where you want to mount the EFS.  
  
$ sudo mkdir efsdir  
  
# Mount EFS Filesystem (Make sure you changed FileSystem ID)  
$ sudo mount -t efs -o tls fs-08964b5f12f768d37:/ efsdir  
  
# Change the directory to the mount point that is created above using the command:  
  
cd efsdir  
  
# Create a new sub directory with following command:  
  
sudo mkdir begin  
  
# Change the permissions of the above subdirectory with the following command:  
  
sudo chown ec2-user begin  
  
# Change the directory to begin directory with following command:  
  
cd begin  
  
# Create a sample text file:  
  
touch myfile.txt
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# Run ls command to list the contents of directory.
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Note: Create another ec2 instance and mount EFS file system  
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```
# Login to EC2 instance and install the NFS client
```

```
$ sudo yum install -y amazon-efs-utils
```

```
# Let's create a folder where you want to mount the EFS.
```

```
$ sudo mkdir efsdir
```

```
# Mount EFS Filesystem (Make sure you changed FileSystem ID)
```

```
$ sudo mount -t efs -o tls fs-08964b5f12f768d37:/ efsdir
```

```
# Change the directory to the mount point that is created above using the command:
```

```
cd efsdir
```

```
# check the files available
```

```
$ ls
```