

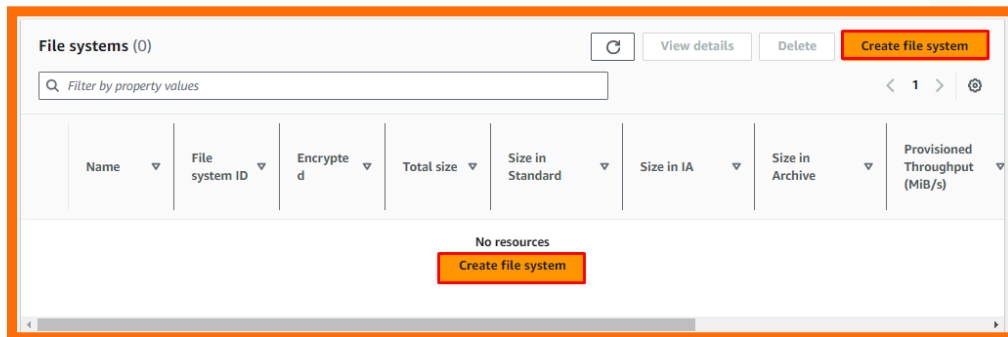


## **Module 1: Hands-On: Create Your Amazon EFS File System**

## Create Your Amazon EFS File System

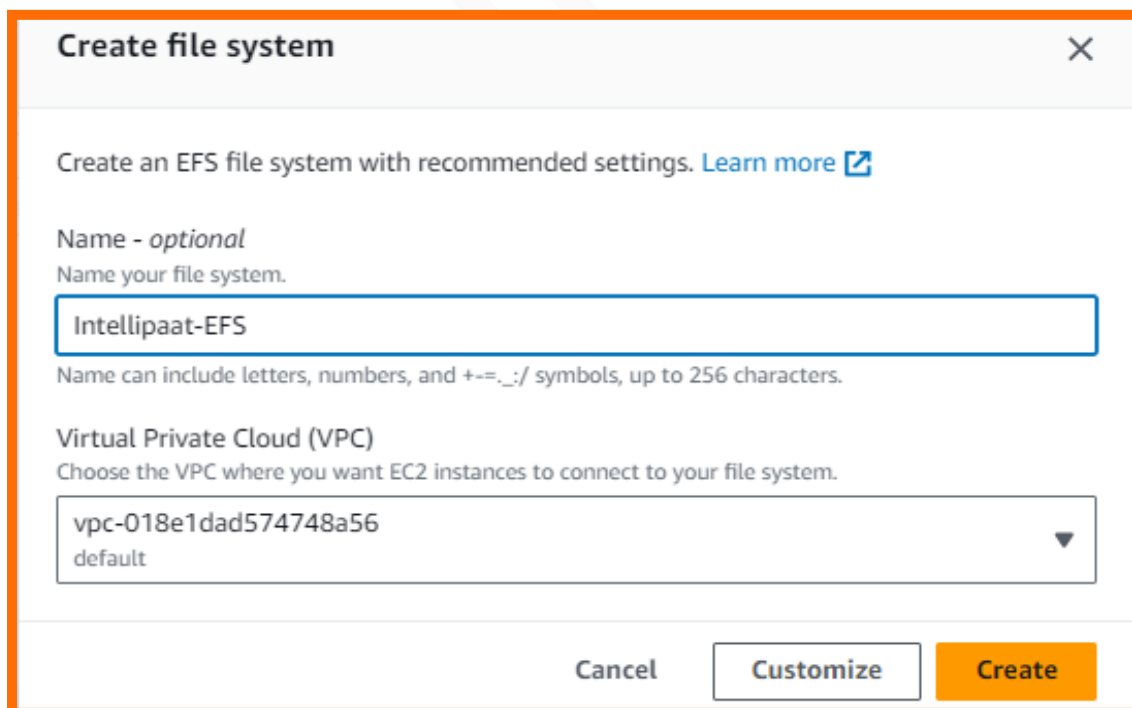
**Step 1:** Sign in to the AWS Management Console and open the Amazon EFS console at <https://console.aws.amazon.com/efs/>.

**Step 2:** Choose **Create file system** to open the Create file system dialog box.

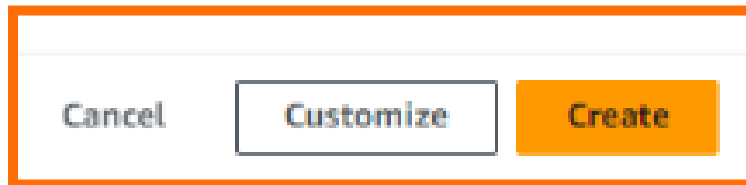


**Step 3:** Enter a **Name** for your file system.

**Step 4:** For **Virtual Private Cloud (VPC)**, choose your VPC.

The screenshot shows the 'Create file system' dialog box. It has a title bar with a close button. The main content area says 'Create an EFS file system with recommended settings. Learn more'. There are two sections: 'Name - optional' with a text input field containing 'Intellipaat-EFS' and a description 'Name can include letters, numbers, and +-=.\_:/ symbols, up to 256 characters.'; and 'Virtual Private Cloud (VPC)' with a dropdown menu showing 'vpc-018e1dad574748a56' and 'default'. At the bottom, there are three buttons: 'Cancel', 'Customize', and 'Create'.

**Step 4:** Click **Create**.



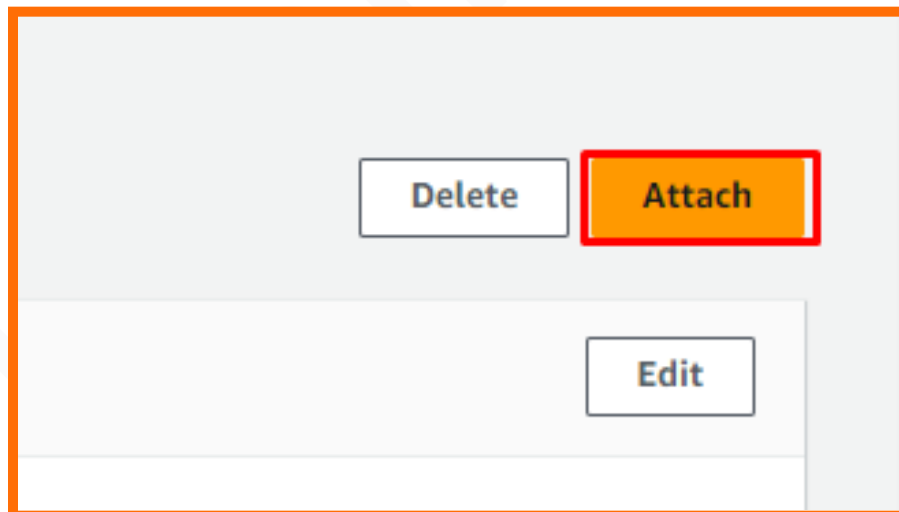
**To mount your Amazon EFS file system using the mount helper on EC2 Linux instances**

**Step 5:** Open a terminal window on your EC2 instance through Secure Shell (SSH) or EC2 instance connect.

**Step 6:** Create a directory Intellipaas that you will use as the file system mount point.

```
$ sudo mkdir efs
```

**Step 7:** Open the EFS file system you created and click on **Attach**.



**Step 8:** Run the following commands to mount your file system:

```
$ sudo mount -t efs -o tls fs-0dd2b009c7d8f6ec2:/ efs
```

Navigate to **Mount via DNS -> Using the EFS mount helper.**



The screenshot shows the 'Attach' console window for mounting an Amazon EFS file system. It has a title bar 'Attach' and a close button. The main content area says 'Mount your Amazon EFS file system on a Linux instance. [Learn more](#)'. There are two radio buttons: 'Mount via DNS' (selected) and 'Mount via IP'. Below the radio buttons, there are two sections. The first section, 'Using the EFS mount helper:', contains a code block with the command `sudo mount -t efs -o tls fs-0dd2b009c7d8f6ec2:/ efs`, which is highlighted with a red box. The second section, 'Using the NFS client:', contains a code block with a more complex command. At the bottom, there is a link to 'See our user guide for more information. [Learn more](#)'.

Attach

Mount your Amazon EFS file system on a Linux instance. [Learn more](#)

☒ Mount via DNS ☐ Mount via IP

Using the EFS mount helper:

```
sudo mount -t efs -o tls fs-0dd2b009c7d8f6ec2:/ efs
```

Using the NFS client:

```
sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsz=1048576,hard,timeo=600,retrans=2,noresvport fs-0dd2b009c7d8f6ec2.efs.us-east-1.amazonaws.com:/ efs
```

See our user guide for more information. [Learn more](#)