

## Select file system type

#### File system options

Amazon FSx for NetApp ONTAP

FSXN Amazon FSx for NetApp ONTAP Amazon FSx for OpenZFS



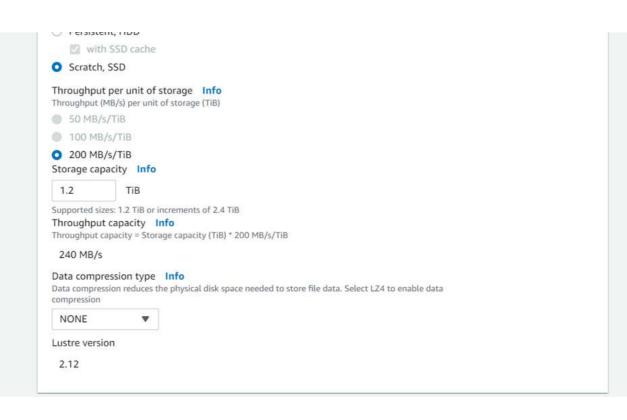
 Amazon FSx for Windows File Server

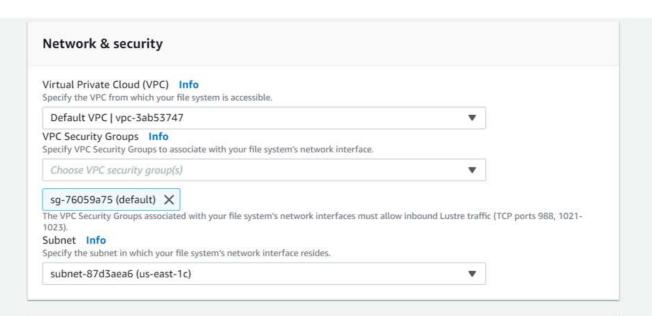


Amazon FSx for Lustre



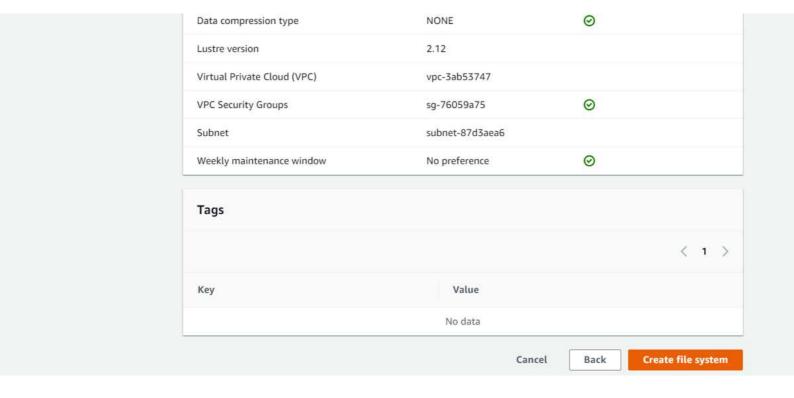
Select file system type





#### Encryption

For scratch file systems, data is encrypted at rest with keys managed by FSx using an XTS-AES-256 block cipher. Data in-transit is encrypted automatically when accessed from supported instance types in supported regions.



nttps://aws.amazon.com/amazon-linux-2/
B package(s) needed for security, out of 14 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-24-48 ~]\$ | |

### Attach file system

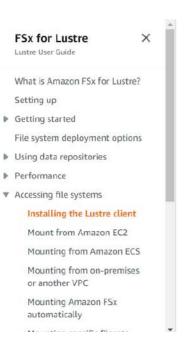


# From Linux instances (Amazon EC2, Amazon WorkSpaces, VMware Cloud on AWS)

- **▼** Prerequisites
- 1. Create or select your Linux EC2 instance in the same AWS VPC as your file system.
- Open an SSH client and connect to your EC2 instance. (Find out how to connect.
- 3. Install the open-source Lustre client , which is supported on most Linux distributions.
- ▼ Attach instruction using the default DNS name
- 1. Open a terminal
- 2. Create a new directory on your EC2 instance, for example /fsx
  - o sudo mkdir /fsx
- 3. sudo mount -t lustre -o noatime,flock fs-06aee7a1d57d93ff9.fsx.us-east-1.amazonaws.com@tcp:/ybjnhbmv /fsx

From Amazon Elastic Kubernetes Service (EKS) use the Amazon

Close







Complete! [ec2-user@ip-172-31-24-48 ~]\$ sudo amazon-linux-extras install -y lustre2.10

```
/dev/xvdal
               xfs
                           8376300 1589568
                                               6786732
                                                         19% /
                                                 98872
                                                          0% /run/user/1000
tmpfs
               tmpfs
                              98872
                                           0
                              98872
                                                 98872
tmpfs
               tmpfs
                                           0
                                                          0% /run/user/0
[root@ip-172-31-89-113 ec2-user]# df -T
df: '/fsx': Input/output error
                         1K-blocks
Filesystem
                                       Used Available Use% Mounted on
               Type
devtmpfs
                            485568
                                           0
                                                485568
                                                          0% /dev
                devtmpfs
                            494340
                                           0
                                                494340
                                                          0% /dev/shm
tmpfs
               tmpfs
               tmpfs
                            494340
                                         456
                                                493884
                                                          1% /run
tmpfs
               tmpfs
                            494340
                                                494340
                                                          0% /sys/fs/cgroup
tmpfs
                                           0
                           8376300 1586292
                                               6790008
/dev/xvdal
                xfs
                                                         19% /
tmpfs
               tmpfs
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                                                 98872
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                                                          0% /run/user/1000
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                                                          0% /run/user/0
tmpfs
               tmpfs
                              98872
[root@ip-172-31-89-113 ec2-user]# 📕
```

456

0

493884

494340

1% /run

0% /sys/fs/cgroup

494340

494340

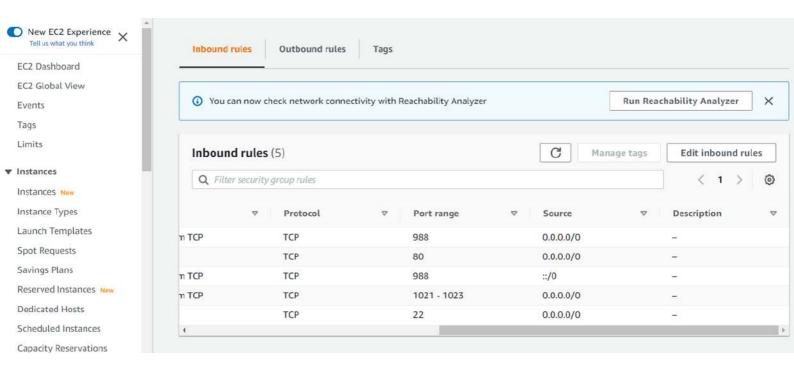
tmpfs

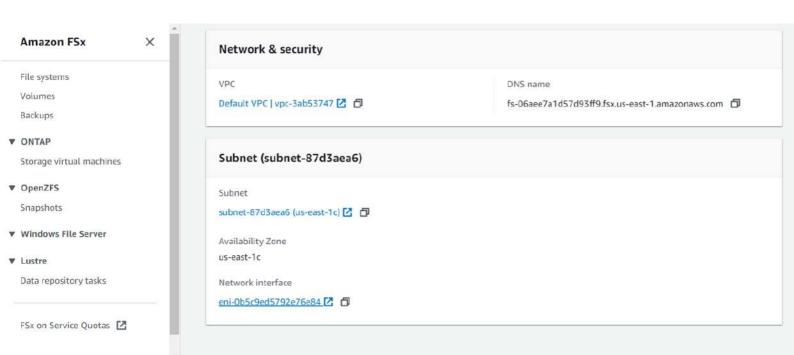
tmpfs

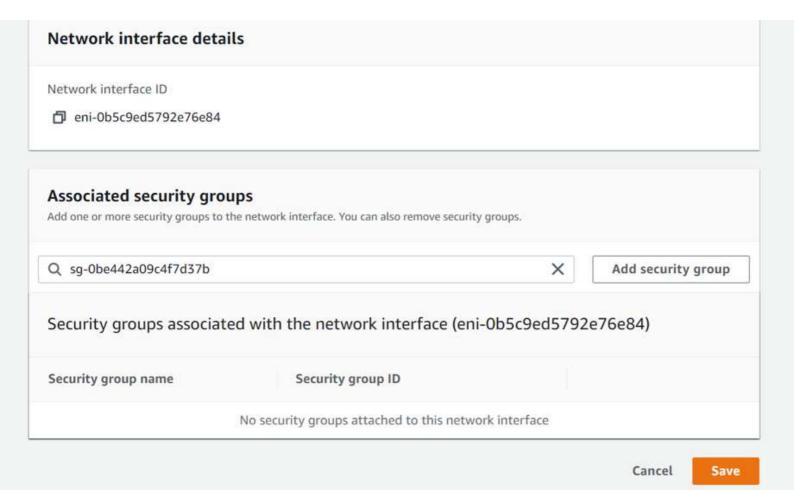
tmpfs

tmpfs

[ec2-user@ip-172-31-24-48 ~]\$ mkdir fsx







[root@ip-172-31-90-96 ec2-user]# mkdir fsx
[root@ip-172-31-90-96 ec2-user]# mount -t lustre -o noatime,flock fs-06aee7ald57d93ff9.fsx.us-east-1.amazonaws.com@tcp:/ybjnhbmv fsx
mount.lustre: mount fs-06aee7ald57d93ff9.fsx.us-east-1.amazonaws.com@tcp:/ybjnhbmv at /home/ec2-user/fsx failed: Input/output error
Is the MGS running?
[root@ip-172-31-90-96 ec2-user]# mount -t lustre -o noatime,flock fs-06aee7ald57d93ff9.fsx.us-east-1.amazonaws.com@tcp:/ybjnhbmv fsx
[root@ip-172-31-90-96 ec2-user]# ■