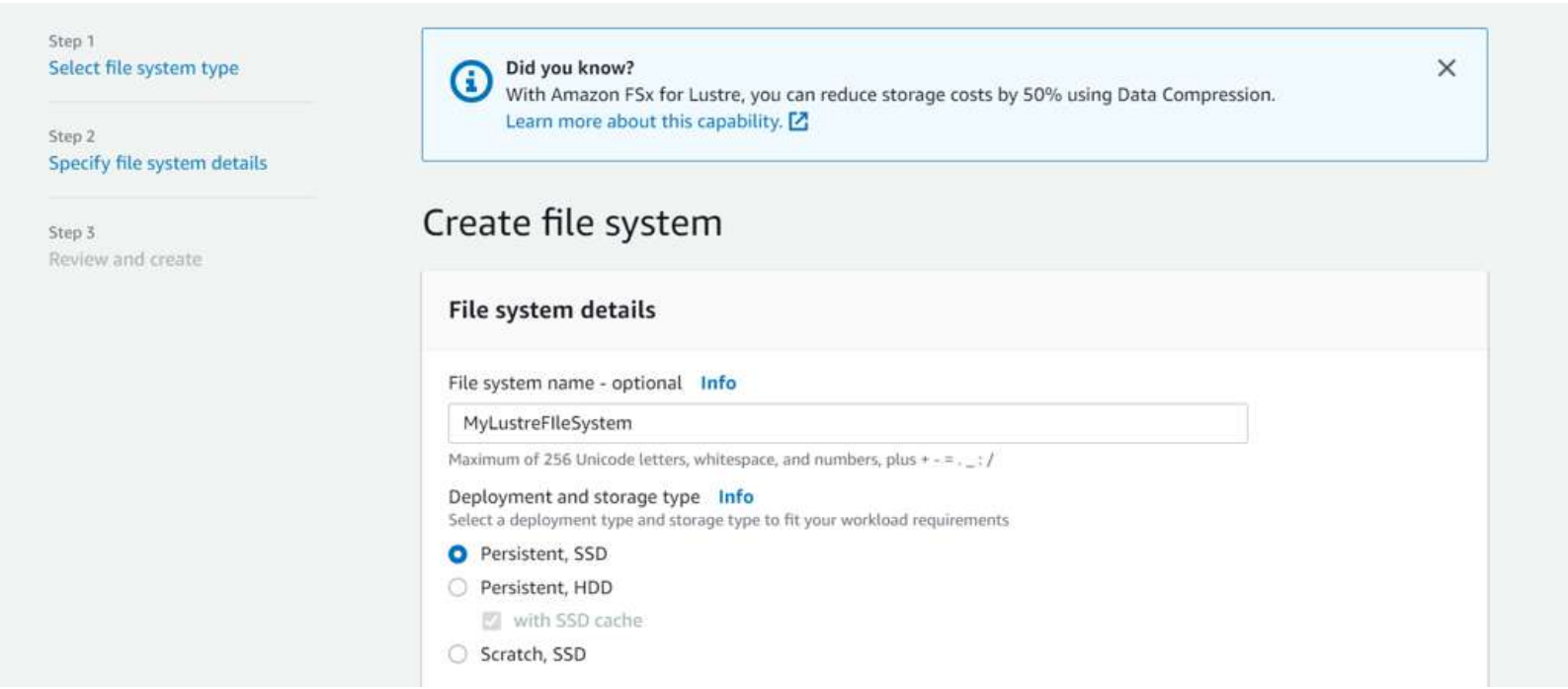

Step 1
Select file system type
Step 2
Specify file system details
Step 3
Review and create
Did you know?
With Amazon FSx for Lustre, you can reduce storage costs by 50% using Data Compression.
Learn more about this capability.
Create file system
File system details
File system name - optional Info
MyLustreFIleSystem
Maximum of 256 Unicode letters, whitespace, and numbers, plus + - = . _ : /
Deployment and storage type Info
Select a deployment type and storage type to fit your workload requirements
Persistent, SSD
Persistent, HDD
with SSD cache
Scratch, SSD

Persistent, HDD

with SSD cache

Scratch, SSD

Throughput per unit of storage Info

Throughput (MB/s) per unit of storage (TiB)

50 MB/s/TiB

100 MB/s/TiB

200 MB/s/TiB

Storage capacity Info

1.2 TiB

Supported sizes: 1.2 TiB or increments of 2.4 TiB

Throughput capacity Info

Throughput capacity = Storage capacity (TiB) * 200 MB/s/TiB

0 MB/s

Data compression type Info

Data compression reduces the physical disk space needed to store file data. Select LZ4 to enable data compression

NONE

Lustre version

2.12

Network & security

Virtual Private Cloud (VPC) **Info**

Specify the VPC from which your file system is accessible.

Default VPC | vpc-3ab53747

VPC Security Groups **Info**

Specify VPC Security Groups to associate with your file system's network interface.

Choose VPC security group(s)

sg-0362179d88cdcee19 (SSH SG) ×

The VPC Security Groups associated with your file system's network interfaces must allow inbound Lustre traffic (TCP ports 988, 1021-1023).

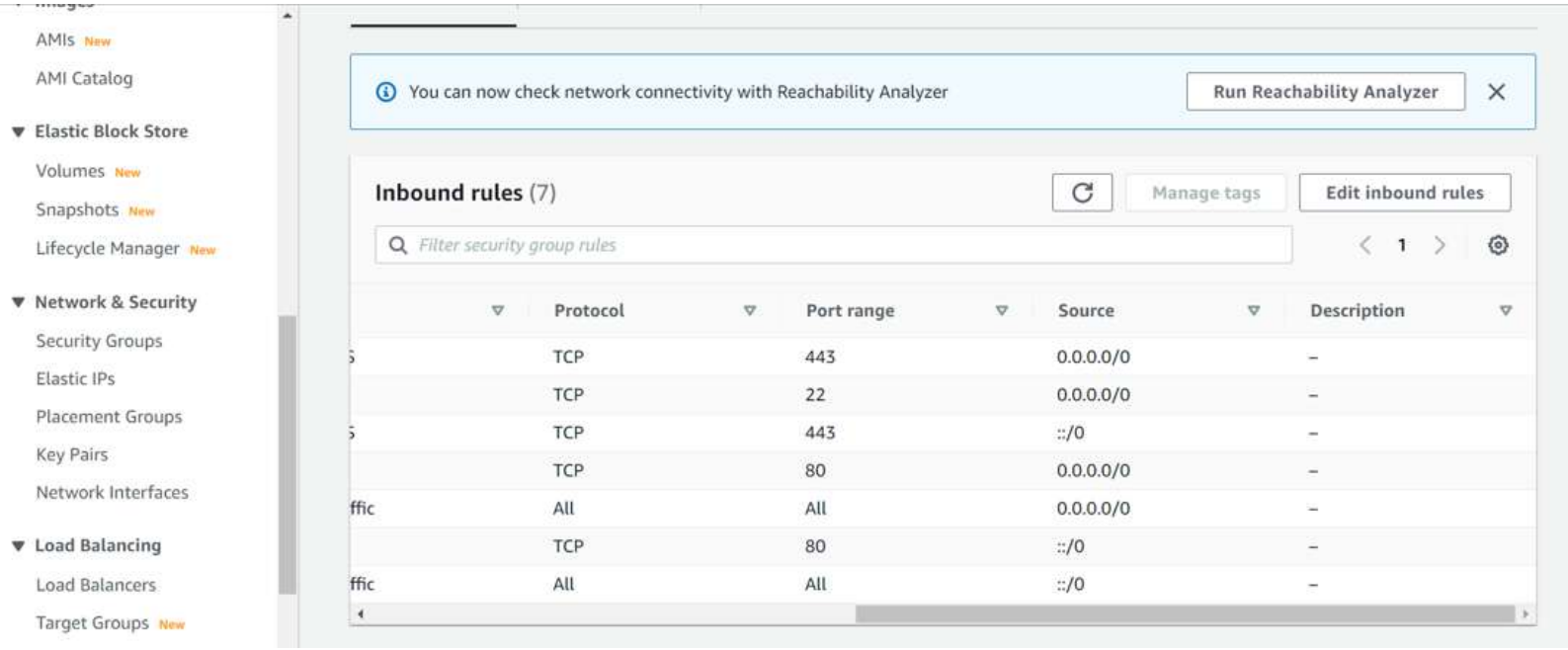
Subnet **Info**

Specify the subnet in which your file system's network interface resides.

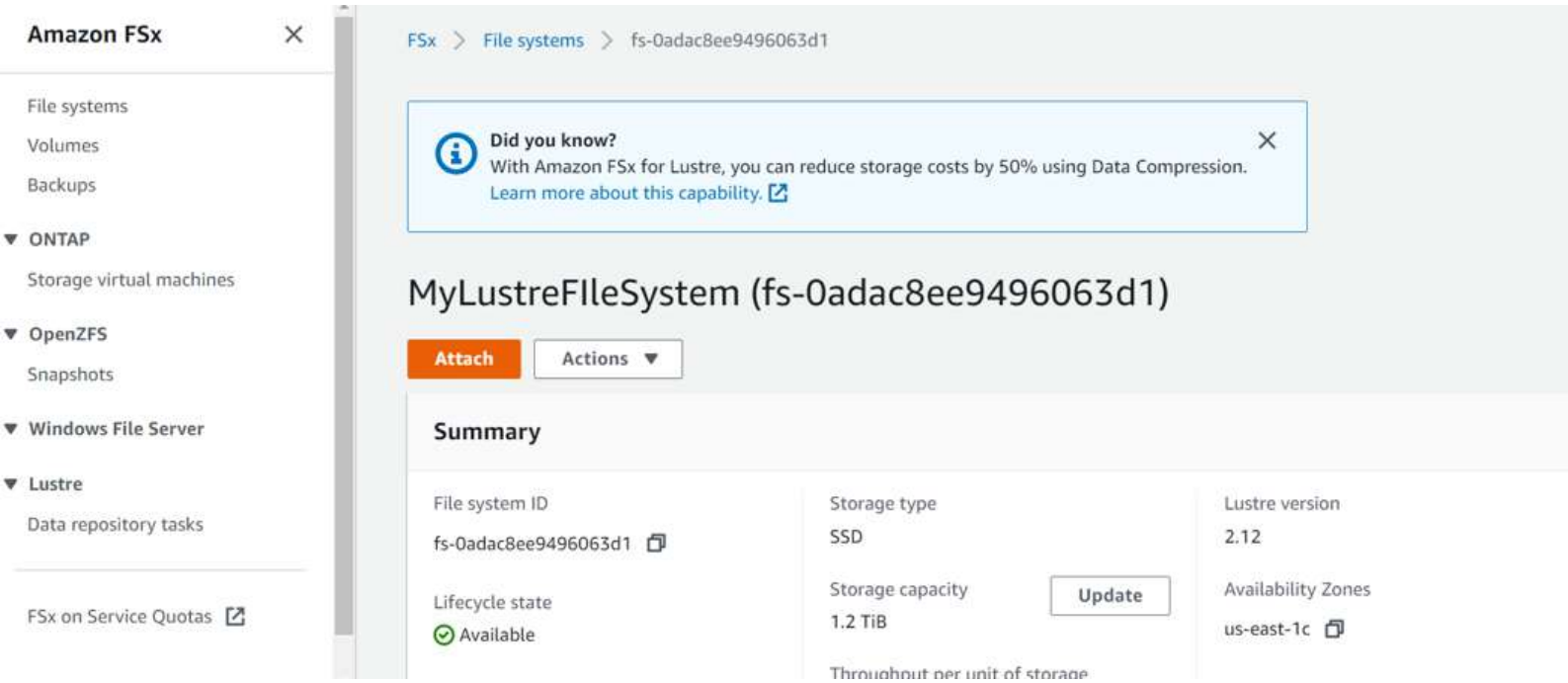
subnet-87d3aea6 (us-east-1c)

Encryption

For scratch file systems, data is encrypted at rest with keys managed by FSx using an XTS-AES-256 block cipher.


AMIs New
AMI Catalog
Elastic Block Store
Volumes New
Snapshots New
Lifecycle Manager New
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
Load Balancing
Load Balancers
Target Groups New
You can now check network connectivity with Reachability Analyzer
Run Reachability Analyzer
Inbound rules (7)
Manage tags
Edit inbound rules
Filter security group rules
1
Protocol
Port range
Source
Description
TCP 443 0.0.0.0/0 –
TCP 22 0.0.0.0/0 –
TCP 443 ::/0 –
TCP 80 0.0.0.0/0 –
ffic All All 0.0.0.0/0 –
TCP 80 ::/0 –
ffic All All ::/0 –


__| __|_)
_| (/   Amazon Linux 2 AMI
___|___|___|
https://aws.amazon.com/amazon-linux-2/
8 package(s) needed for security, out of 14 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-91-103 ~]$ sudo su
[root@ip-172-31-91-103 ec2-user]# yum update


Amazon FSx
File systems
Volumes
Backups
ONTAP
Storage virtual machines
OpenZFS
Snapshots
Windows File Server
Lustre
Data repository tasks
FSx on Service Quotas
FSx > File systems > fs-0adac8ee9496063d1
Did you know?
With Amazon FSx for Lustre, you can reduce storage costs by 50% using Data Compression.
Learn more about this capability.
MyLustreFIleSystem (fs-0adac8ee9496063d1)
Attach
Actions
Summary
File system ID
fs-0adac8ee9496063d1
Lifecycle state
Available
Storage type
SSD
Storage capacity
1.2 TiB
Update
Throughput per unit of storage
Lustre version
2.12
Availability Zones
us-east-1c

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.
2. 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*
   - `sudo mkdir /fsx`
3. `sudo mount -t lustre -o noatime,flock fs-0adac8ee9496063d1.fsx.us-east-1.amazonaws.com@tcp:/fc35hbmv /fsx`

From Amazon Elastic Kubernetes Service (EKS) use the Amazon

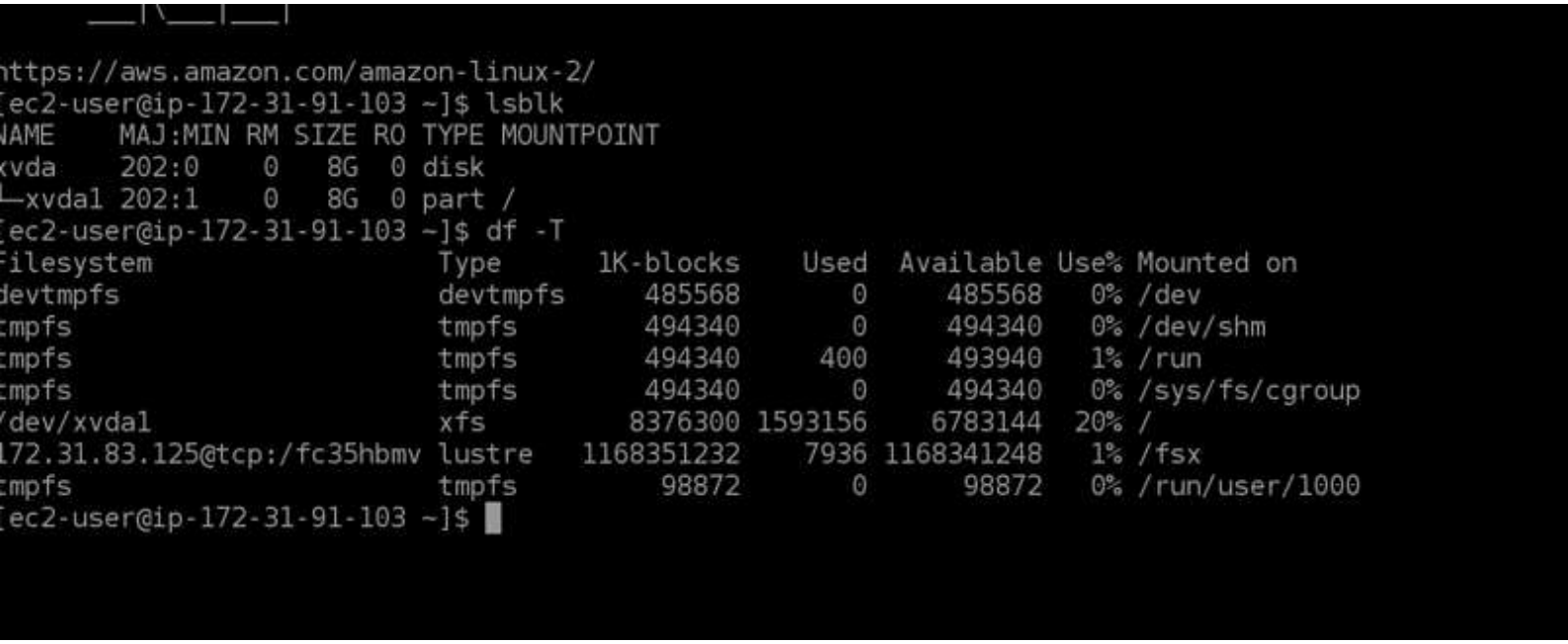
Close

```
sudo amazon-linux-extras install -y lustre2.10

mkdir /fsx

mount -t lustre -o noatime,flock fs-0adac8ee9496063d1.
    fsx.us-east-1.amazonaws.com@tcp:/fc35hbmv /fsx
```

```
sudo: mkdir /fsx: command not found
[root@ip-172-31-91-103 ec2-user]# mkdir /fsx
[root@ip-172-31-91-103 ec2-user]# mount -t lustre -o noatime,flock fs-0adac8ee9496063d1.fsx.us-east-1.amazonaws.com@tcp:/fc35hbmv /fsx
[root@ip-172-31-91-103 ec2-user]#
```


https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-91-103 ~]$ lsblk
NAME   MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
xvda   202:0   0   8G 0 disk
└─xvda1 202:1   0   8G 0 part /
[ec2-user@ip-172-31-91-103 ~]$ df -T
Filesystem   Type   1K-blocks   Used Available Use% Mounted on
devtmpfs   devtmpfs   485568   0   485568   0% /dev
tmpfs   tmpfs   494340   0   494340   0% /dev/shm
tmpfs   tmpfs   494340   400   493940   1% /run
tmpfs   tmpfs   494340   0   494340   0% /sys/fs/cgroup
/dev/xvda1   xfs   8376300 1593156   6783144 20% /
172.31.83.125@tcp:/fc35hbmv lustre   1168351232   7936 1168341248   1% /fsx
tmpfs   tmpfs   98872   0   98872   0% /run/user/1000
[ec2-user@ip-172-31-91-103 ~]$