Introducing:

Amazon FSx
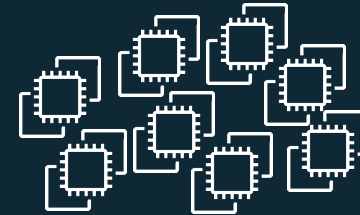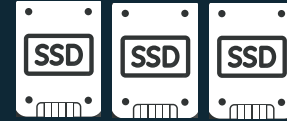## for Lustre

aws

Amazon FSx for Lustre

Massively scalable performance

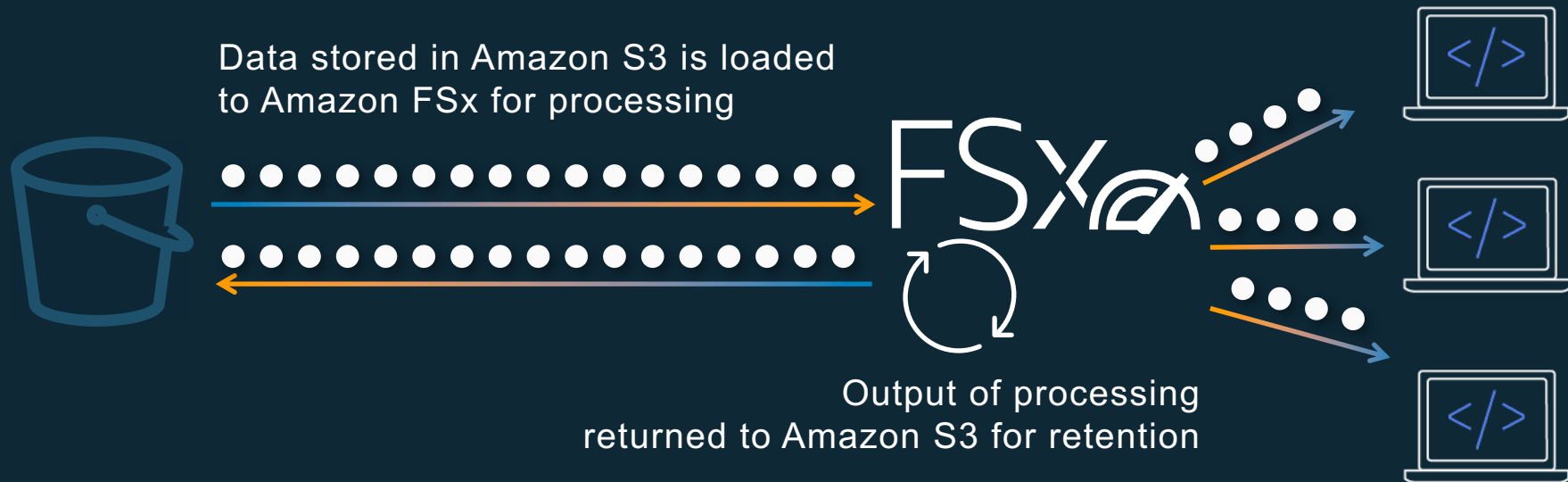## Parallel file system
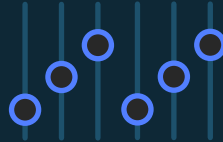
SSD-based

100+ GiB/s throughput
Millions of IOPS
Consistent sub-millisecond latencies
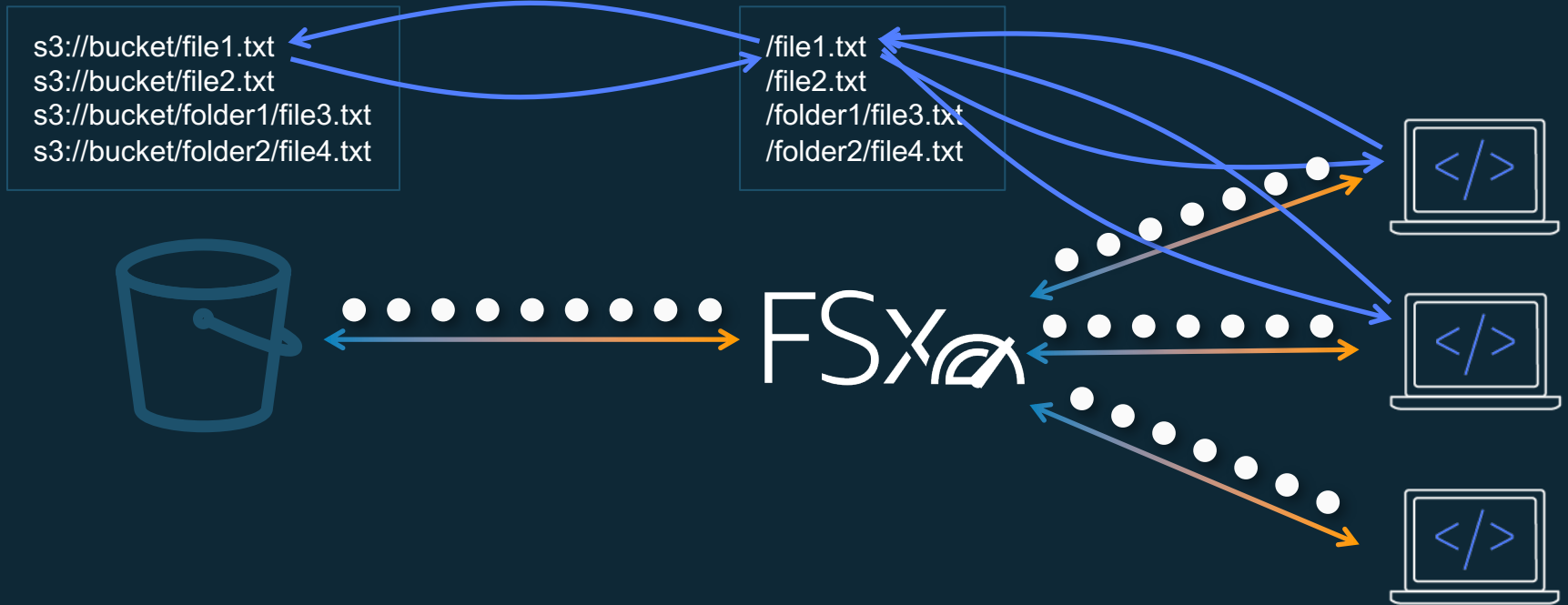
Supports hundreds of thousands of cores

aws

Seamless integration with Amazon S3

Link your Amazon S3 data set to your Amazon FSx for Lustre file system, then....

Data stored in Amazon S3 is loaded to Amazon FSx for processing

Output of processing returned to Amazon S3 for retention

When your workload finishes, simply delete your file system.

aws

S3 lazy load example

s3://bucket/file1.txt
s3://bucket/file2.txt
s3://bucket/folder1/file3.txt
s3://bucket/folder2/file4.txt

/file1.txt
/file2.txt
/folder1/file3.txt
/folder2/file4.txt

FSx

aws

Amazon S3 integration is performance-optimized for fast data movement