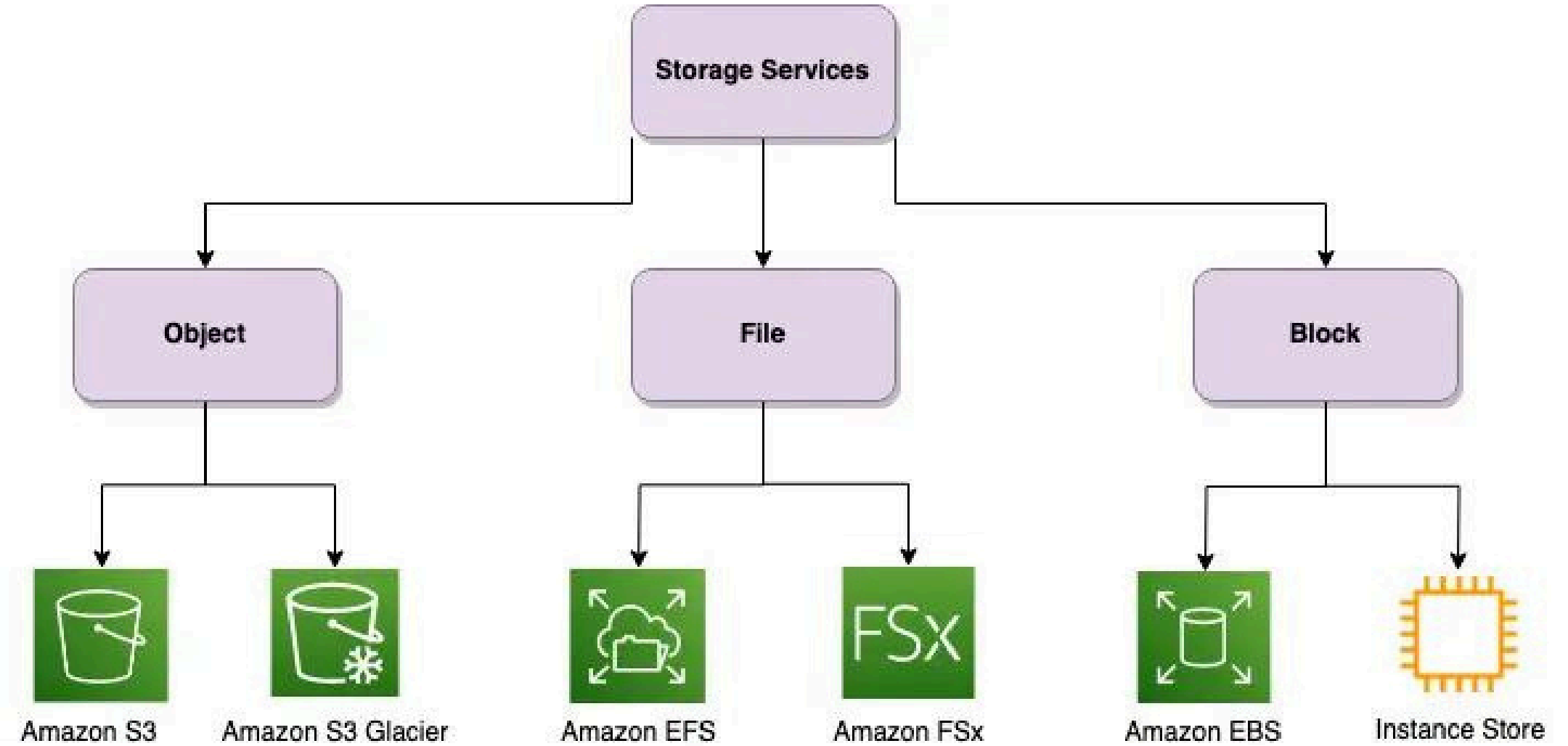
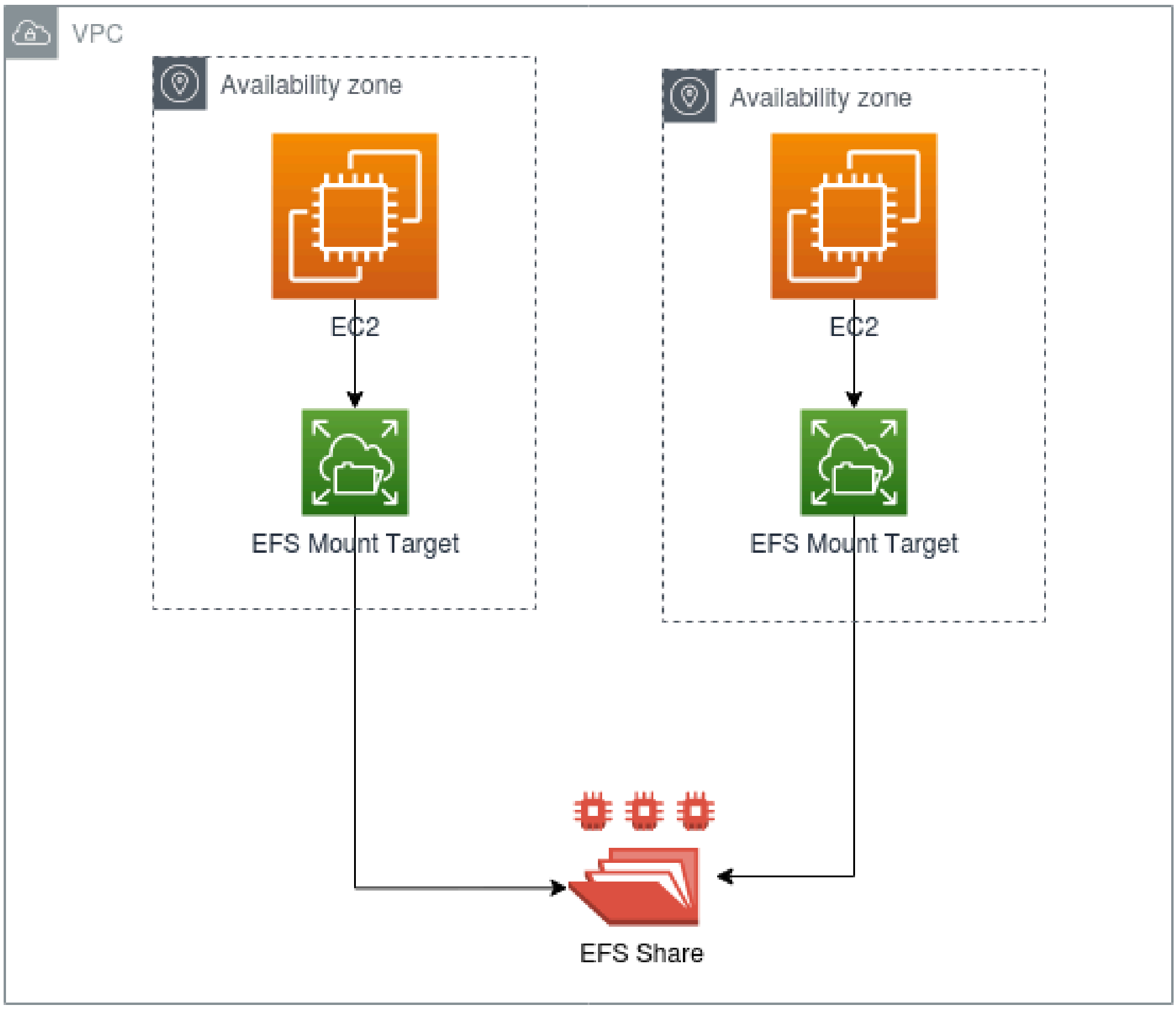
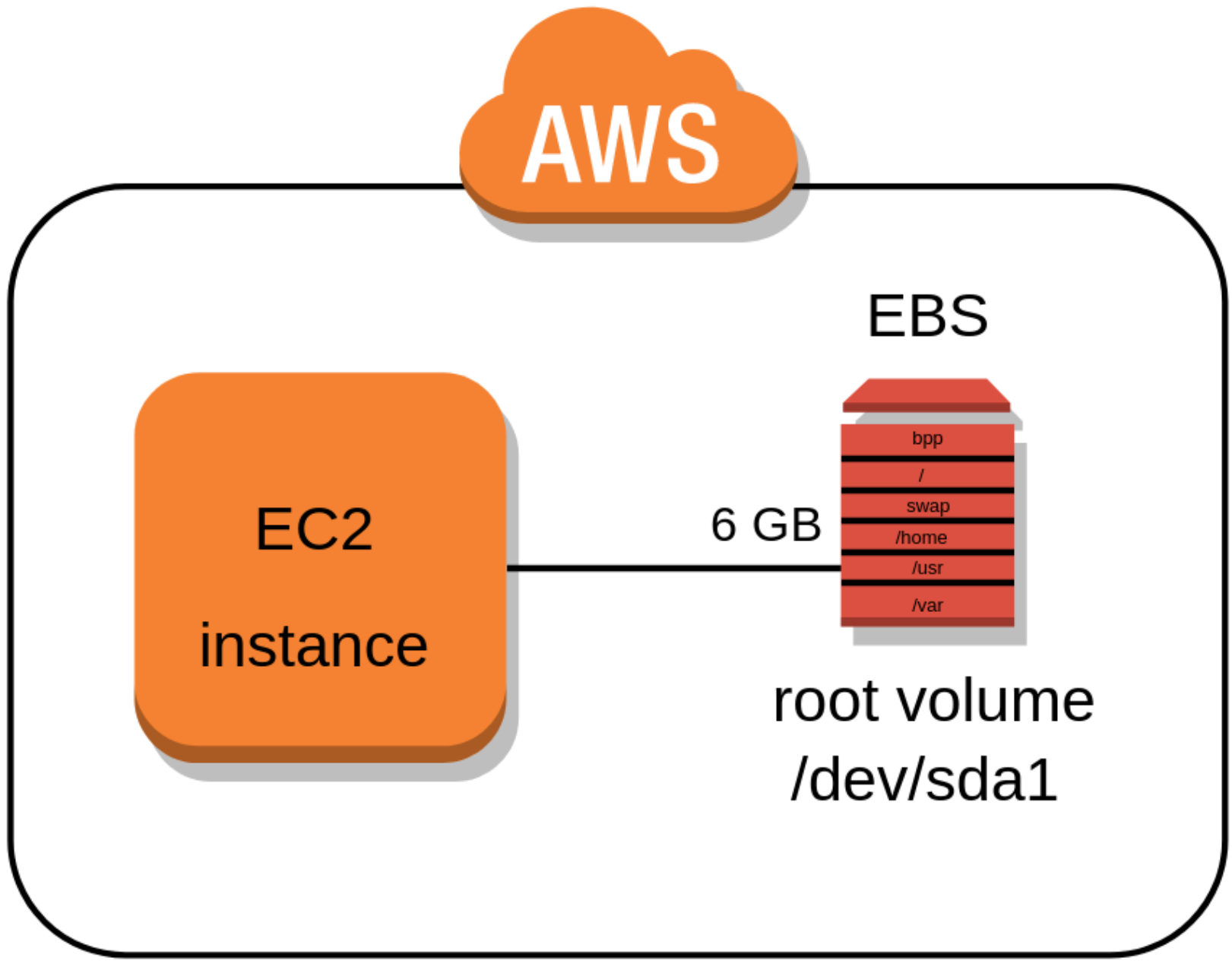
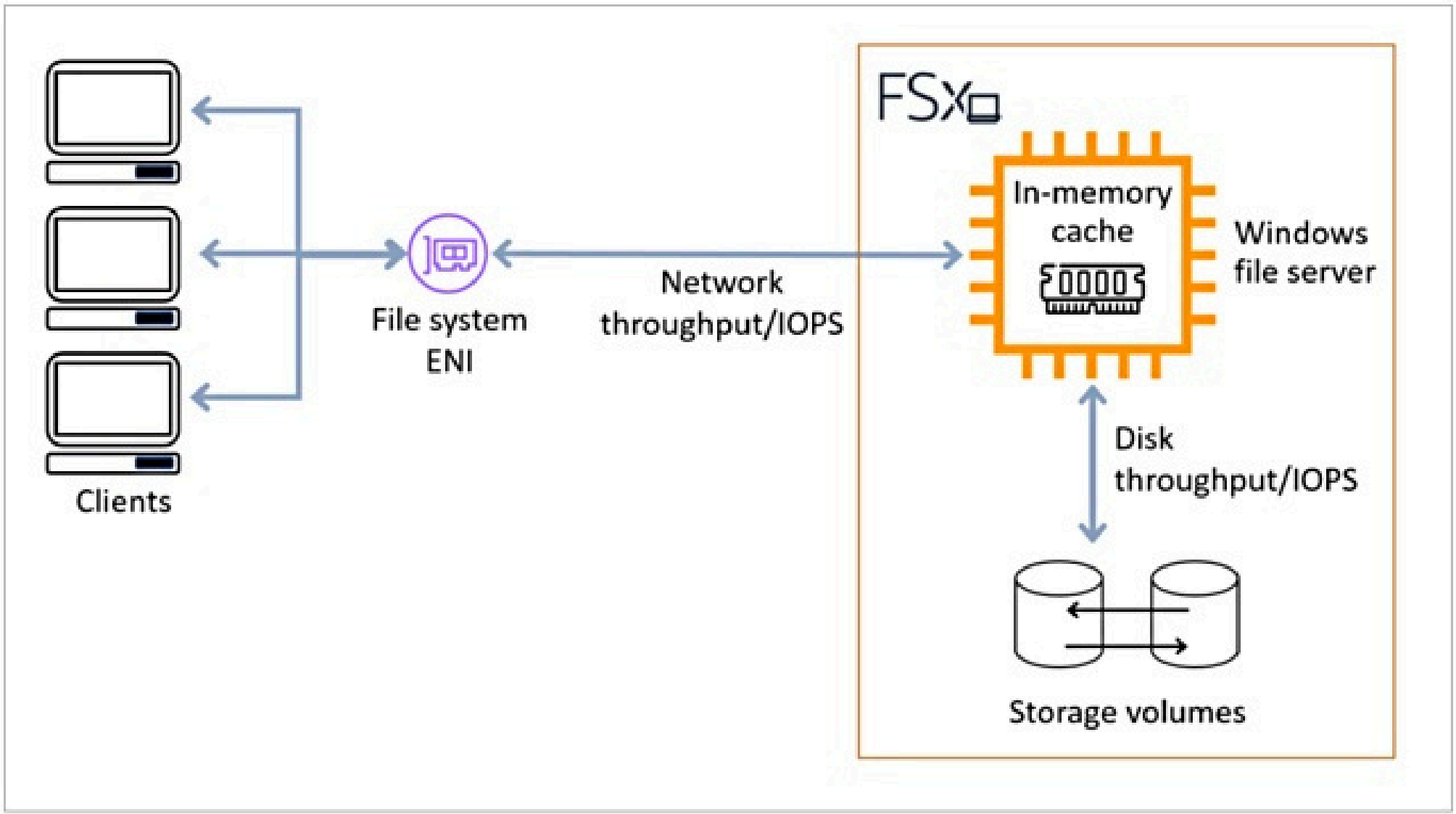
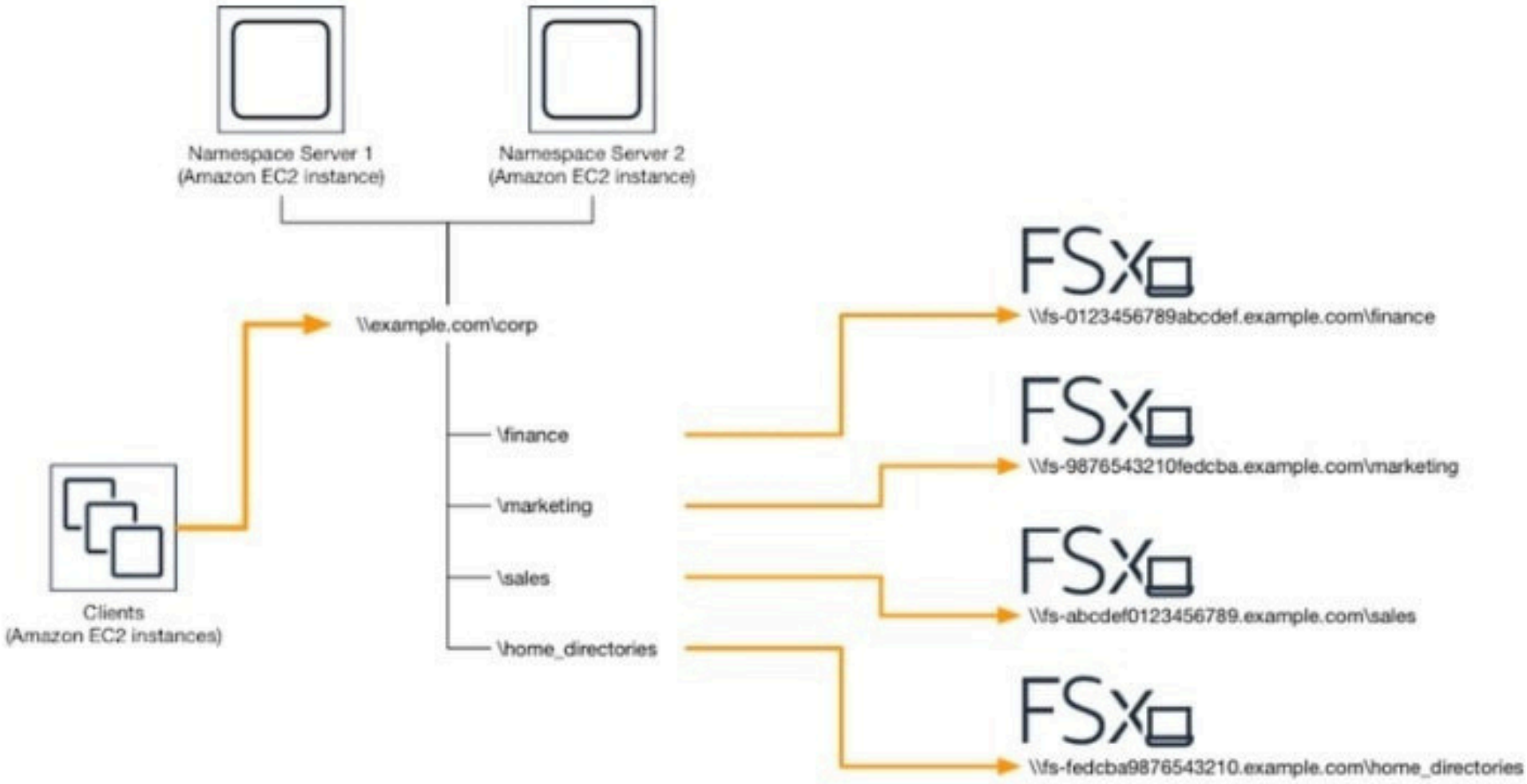
K21Academy
Learn Cloud from Experts



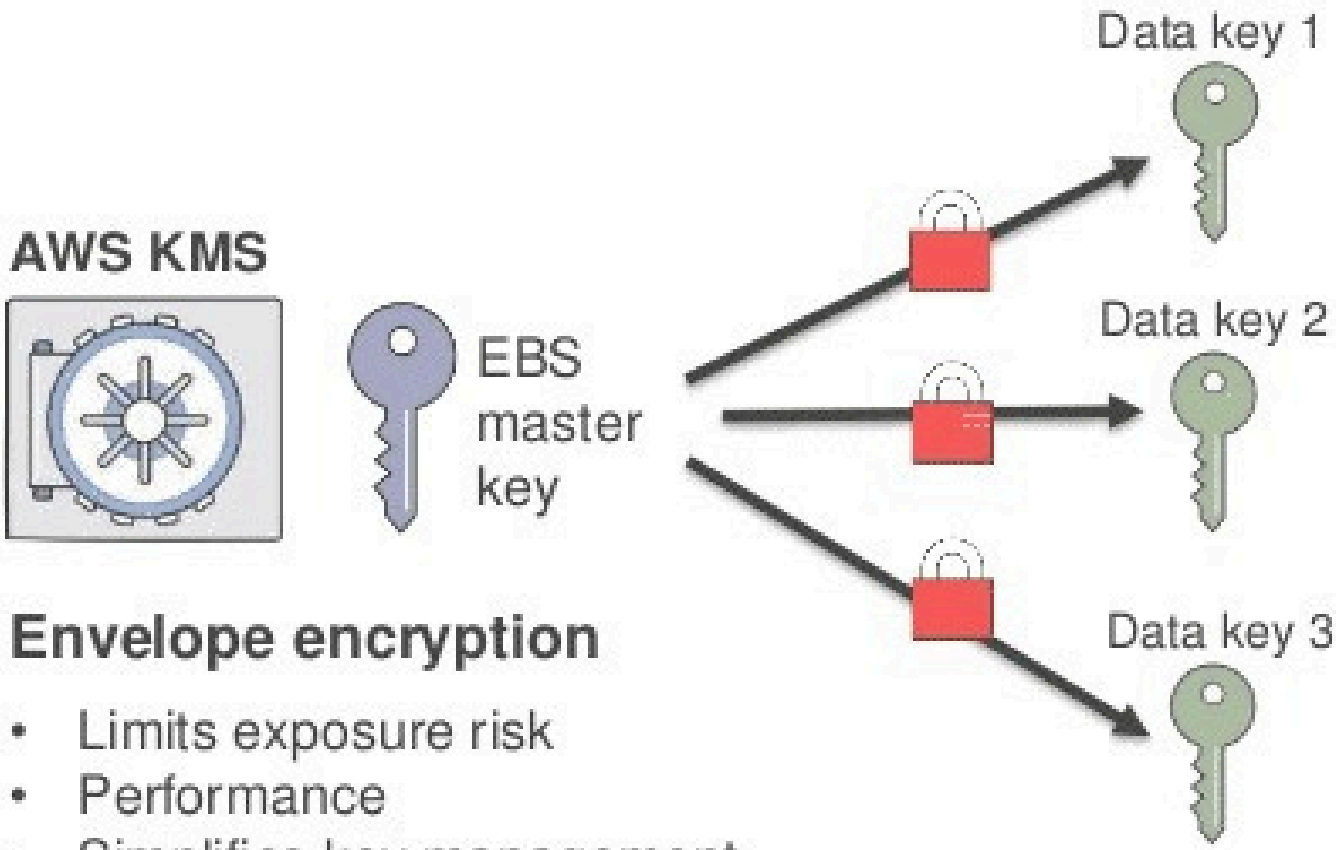

VPC
Availability zone
EC2
EFS Mount Target
Availability zone
EC2
EFS Mount Target
EFS Share


AWS
EBS
EC2
instance
6 GB
bpp
/
swap
/home
/usr
/var
root volume
/dev/sda1


FSx
In-memory cache
Windows file server
File system ENI
Network throughput/IOPS
Disk throughput/IOPS
Clients
Storage volumes


Namespace Server 1
(Amazon EC2 instance)
Namespace Server 2
(Amazon EC2 instance)
\\example.com\corp
\finance
\marketing
\sales
\home_directories
Clients
(Amazon EC2 instances)
FSx
\\fs-0123456789abcdef.example.com\finance
FSx
\\fs-9876543210fedcba.example.com\marketing
FSx
\\fs-abcdef0123456789.example.com\sales
FSx
\\fs-fedcba9876543210.example.com\home_directories

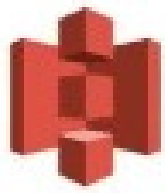
How does EBS encryption work ?



Envelope encryption

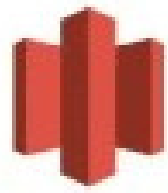
- Limits exposure risk
- Performance
- Simplifies key management

amazon web services | Webinars



Amazon **S3**

Durable object storage for all types of data



Amazon **Glacier**

Archival storage for infrequently accessed data

Amazon **EBS**

Block storage for use with Amazon EC2

Amazon **EFS**

File storage for use with Amazon EC2

Economics

Pay as you go

No upfront investment
No commitment

Easy to Use

Self service administration

SDKs for simple integration

Reduce risk

Durable and Secure

Avoid risks of physical media handling

Agility, Scale

Reduce time to market

Focus on your business, not your infrastructure