

Feature	Ephemeral Storage /tmp	Lambda Layers (up to 250MB total)	Amazon S3	Amazon EFS
Max. Size	10,240 MB	5 layers per function (max 250 MB)	Elastic	Elastic
Persistence	Ephemeral	Durable	Durable	Durable
Content	Dynamic	Static	Dynamic	Dynamic
Storage Type	File System	Archive	Object	File System
Operations Supported	Any File System operation	Immutable	Atomic with Versioning	Any File System operation
Pricing	Included in Lambda	Included in Lambda	Storage + Requests + Data Transfer	Storage + Data Transfer + Throughput
Sharing/Permissions	Function Only	IAM	IAM	IAM + NFS
Relative Data Access Speed from Lambda	Fastest	Fastest	Fast	Very Fast
Shared Across All Invocations	No	Yes	Yes	Yes
Typical Use Case	Temporary space for single invocation	Store and share common libraries	Store large, durable, versioned data objects	Shared POSIX file system for multiple Lambdas/EC2