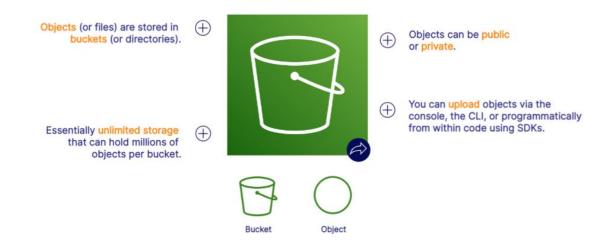
Leveraging Storage Services: S3

- S3 is an object storage service for the cloud that is highly available.





You can set security at the **bucket** level or **individual** object level using access control lists (ACLs), bucket policies, or access point policies.



You can **enable versioning** to create multiple versions of your file in order to protect against accidental deletion and to use a previous version.



You can use **S3 access logs** to track the access to your buckets and objects.



S3 is a **regional** service, but bucket names must be globally unique.

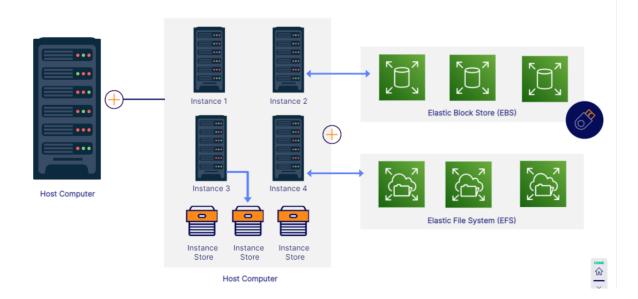




EC2 Storage:

EC2 Storage — the Big Picture

EC2 supports several storage options for your instances.

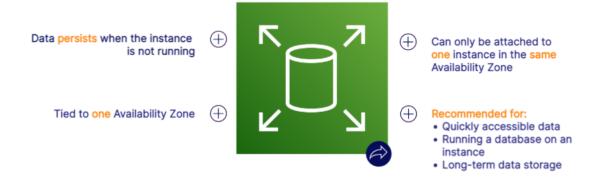




Amazon Elastic Block Store (EBS)

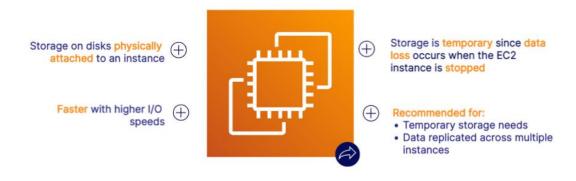
EBS is a storage device (called a volume) that can be attached to (or removed from) your instance.





EC2 Instance Store

An **instance store** is local storage that is physically attached to the host computer and cannot be removed.



Amazon Elastic File System (EFS)

EFS is a serverless network file system for sharing files.



Storage Gateway

Storage Gateway is a hybrid storage service.



AWS Backup

AWS Backup helps you manage data backups across multiple AWS services.





Deploy static websites to S3 and use CloudFront for global distribution.



Archive data using Amazon Glacier as a storage option for Amazon S3.



Store data in Amazon S3 for use with analytics services like Redshift and Athena.



Mobile application users can upload files to an Amazon S3 bucket.