



Simple Storage Service (S3)

EXAM CHEAT SHEET

SOLUTIONS ARCHITECT

- With a single PutObject operation, you can upload objects up to 5 GB in size. However, by using the multipart uploads (e.g., CreateMultipartUpload, UploadPart, CompleteMultipartUpload, AbortMultipartUpload), you can upload object up to 5 TB in size.
- Multipart uploads can resume on failure.
- S3 data is replicated on multiple devices across multiple facilities within a region

SYSOPS ADMINISTRATOR

- All of the above and;
- Understand the bucket policy examples:
<http://docs.aws.amazon.com/AmazonS3/latest/dev/example-bucket-policies.html>
- Amazon S3 offers access policy options broadly categorized as resource-based policies and user policies. Bucket policies and access control lists (bucket and object) are resource-based policies. IAM policies for S3 access applied to users are user policies.

DEVELOPER

- All of the above and;
- Amazon S3 buckets in all Regions provide read-after-write consistency for PUTS of new objects but eventual consistency for overwrite PUTS and DELETES (changes may not be visible immediately).
- Version ID will be null if versioning not enabled.
- Bucket states can be unversioned, versioning-enabled or versioning-suspended.
- A region-specific website endpoint is created for S3 website hosting.
- S3 manages decryption of downloaded objects from Server Side Encryption.
- Cross-origin resource sharing (CORS) defines a way for client web applications that are loaded in one domain to interact with resources in a different domain.