Amazon S3 Transfer Acceleration

Speed Comparison

Amazon S3 Transfer Acceleration

The AWS edge network has points of presence in more than 50 locations. Today, it is used to distribute content via Amazon CloudFront and to provide rapid responses to DNS queries made to Amazon Route 53. With today's announcement**, the edge network also helps to accelerate data transfers in to and out of Amazon S3**. It will be of particular benefit to you if you are transferring data across or between continents, have a fast Internet connection, use large objects, or have a lot of content to upload.

You can think of the edge network as a bridge between your upload point (your desktop or your on-premises data center) and the target bucket. After you enable this feature for a bucket (by checking a checkbox in the AWS Management Console), you simply change the bucket's endpoint to the form BUCKET_NAME.s3-accelerate.amazonaws.com. No other configuration changes are necessary! After you do this, your TCP connections will be routed to the best AWS edge location based on latency. Transfer Acceleration will then send your uploads back to S3 over the AWS-managed backbone network using optimized network protocols, persistent connections from edge to origin, fully-open send and receive windows, and so forth.

Upload speed comparison in the selected region

N. Virginia

(US-EAST-1)

8% faster

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed

Upload complete

Singapore

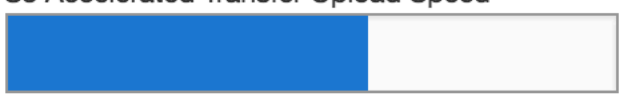
(AP-SOUTHEAST-1)

100% faster

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed



Upload complete

Sydney

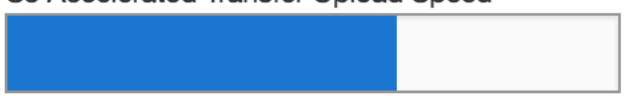
(AP-SOUTHEAST-2)

194% faster

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed



Upload complete

São Paulo

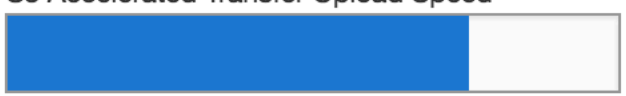
(SA-EAST-1)

137% faster

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed



Upload complete

N. California

(US-WEST-1)

48% faster

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed

Upload complete

Oregon

(US-WEST-2)

76% faster

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed

Upload complete

Ireland

(EU-WEST-1)

20% slower

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed

Upload complete

Frankfurt

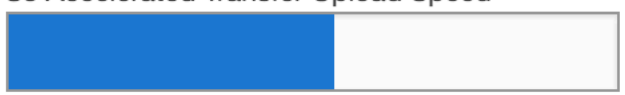
(EU-CENTRAL-1)

38% slower

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed



Upload complete

Tokyo

(AP-NORTHEAST-1)

1590% faster

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed

Upload complete

Seoul

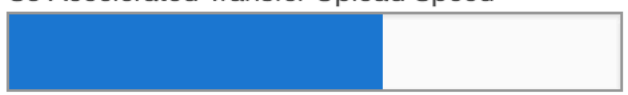
(AP-NORTHEAST-2)

161% faster

S3 Direct Upload Speed

Upload complete

S3 Accelerated Transfer Upload Speed



Upload complete