

## SEM Coaching - 28

# Amazon S3

# Amazon S3 (Simple Storage Service)

- ❖ Inexpensive cloud storage service
  - Free 5GB storage & 15GB data transfer per month for 1<sup>st</sup> year
  - Secure data encryption & storage
  - Store documents, photos, video, files etc
  - Excellent for video streaming (using CloudFront)
  - Powerful and flexible data access controls
  - Charged based on usage
  - Boast 99.99% uptime availability
  - Offers Reduced Redundancy Storage (RRS) option for less non-critical data (e.g. thumbnails) at a lower cost

# Amazon S3 Homepage

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[Developers ▾](#)[Support ▾](#)

## Amazon S3

- [Amazon S3 Overview](#)
- [FAQs](#)
- [Pricing](#)
- [Amazon S3 SLA](#)

## Developer Resources

- [Getting Started Guide](#)
- [AWS Management Console](#)
- [Documentation](#)
- [Release Notes](#)
- [Sample Code & Libraries](#)
- [Developer Tools](#)
- [Articles & Tutorials](#)
- [Community Forum](#)

## Amazon Simple Storage Service (Amazon S3)

Amazon S3 is storage for the Internet. It is designed to make web-scale computing easier for developers.

Amazon S3 provides a simple web services interface that can be used to store and retrieve any amount of data, at any time, from anywhere on the web. It gives any developer access to the same highly scalable, reliable, secure, fast, inexpensive infrastructure that Amazon uses to run its own global network of web sites. The service aims to maximize benefits of scale and to pass those benefits on to developers.

Easy to sign up,  
pay only for what you use

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This page contains the following categories of information. Click to jump down:

- ↓ [Amazon S3 Functionality](#)
- ↓ [Protecting Your Data](#)
- ↓ [Pricing](#)
- ↓ [Getting Started with Amazon S3](#)
- ↓ [Transferring Large Amounts of Data](#)

- ↓ [Common Use Cases](#)
- ↓ [Resources](#)
- ↓ [Amazon S3 Design Requirements](#)
- ↓ [Intended Usage and Restrictions](#)

<http://aws.amazon.com/s3/>

# Amazon S3 Pricing

## Storage Pricing

Region:	US Standard	
	<b>Standard Storage</b>	<b>Reduced Redundancy Storage</b>
First 1 TB / month	\$0.140 per GB	\$0.093 per GB
Next 49 TB / month	\$0.125 per GB	\$0.083 per GB
Next 450 TB / month	\$0.110 per GB	\$0.073 per GB
Next 500 TB / month	\$0.095 per GB	\$0.063 per GB
Next 4000 TB / month	\$0.080 per GB	\$0.053 per GB
Over 5000 TB / month	\$0.055 per GB	\$0.037 per GB

# Amazon S3 Pricing

## Data Transfer Pricing

Region:	US Standard	Pricing
<b>Data Transfer IN</b>		
All data transfer in		
		\$0.000 per GB
<b>Data Transfer OUT</b>		
First 1 GB / month		\$0.000 per GB
Up to 10 TB / month		\$0.120 per GB
Next 40 TB / month		\$0.090 per GB
Next 100 TB / month		\$0.070 per GB
Next 350 TB / month		\$0.050 per GB
Next 524 TB / month		<a href="#">Contact Us</a>
Next 4 PB / month		<a href="#">Contact Us</a>
Greater than 5 PB / month		<a href="#">Contact Us</a>

# Amazon CloudFront

# Amazon CloudFront

- ❖ Web service for content delivery & distribution
  - Fully integrated with Amazon web services e.g. Amazon S3
  - Blazing fast data transfer & low latency perfect for video streaming
  - No contracts or monthly commitments – Pay as you go

# Amazon CloudFront

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**Amazon CloudFront**

- [CloudFront Overview](#)
- [FAQs](#)
- [Pricing](#)
- [Amazon CloudFront SLA](#)
- [Amazon CloudFront Events](#)

**Developer Resources**

- [AWS Management Console](#)
- [Documentation](#)
- [Release Notes](#)
- [Sample Code & Libraries](#)
- [Developer Tools](#)
- [Community Forum](#)

**Streaming Media Awards**

Amazon CloudFront receives Streaming Media Magazine's Editors' Pick and European Readers' Choice Awards

**Amazon CloudFront**

Amazon CloudFront is a web service for content delivery. It integrates with other Amazon Web Services to give developers and businesses an easy way to distribute content to end users with low latency, high data transfer speeds, and no commitments.

**What's New:**

**Amazon CloudFront Now Supports Delivery of Files up to 20 GB**  
**Date:** Dec 15, 2011  
**Details:** Amazon CloudFront now supports delivery of objects up to 20 GBs. This works not only with download (HTTP) distributions, but also with streaming (RTMP) of HD video files whether you're using Amazon S3 as the origin or your own custom origin. [Read more](#).

**Amazon CloudFront Announces 3 New Edge Locations**  
**Date:** Dec 05, 2011  
**Details:** Amazon CloudFront launches three new edge locations - New York, NY, San Jose, CA, and South Bend, IN. [Read more](#).

**Amazon CloudFront Tops 20,000 Customers**  
**Date:** Nov 29, 2011  
**Details:** Amazon CloudFront now has over 20,000 active\* customers which is double the number of customers from the same time last year. [Read more](#).

**Webinar: Content Delivery Using Amazon CloudFront**  
**Date:** Nov 03, 2011  
**Details:** See the [webinar recording](#).

Easy to sign up,  
pay only for what you  
use

[Sign Up Now](#)

**What's New With  
CloudFront?**

CloudFront now has over 20,000  
active\* customers which is double the  
number of customers from the same  
time last year. [Read more](#).

<http://aws.amazon.com/cloudfront/>

# Amazon CloudFront Pricing

## On-Demand Pricing

### Regional Data Transfer Out

	United States	Europe	Hong Kong & Singapore	Japan	South America	Reserved Capacity Pricing
First 10 TB / month	\$0.120 / GB	\$0.120 / GB	\$0.190 / GB	\$0.201 / GB	\$0.250 / GB	<a href="#">contact us</a>
Next 40 TB / month	\$0.080 / GB	\$0.080 / GB	\$0.140 / GB	\$0.148 / GB	\$0.200 / GB	<a href="#">contact us</a>
Next 100 TB / month	\$0.060 / GB	\$0.060 / GB	\$0.120 / GB	\$0.127 / GB	\$0.180 / GB	<a href="#">contact us</a>
Next 350 TB / month	\$0.040 / GB	\$0.040 / GB	\$0.100 / GB	\$0.106 / GB	\$0.160 / GB	<a href="#">contact us</a>
Next 524 TB / month	\$0.030 / GB	\$0.030 / GB	\$0.080 / GB	\$0.085 / GB	\$0.140 / GB	<a href="#">contact us</a>
Next 4 PB / month	\$0.025 / GB	\$0.025 / GB	\$0.070 / GB	\$0.075 / GB	\$0.130 / GB	<a href="#">contact us</a>
Over 5 PB / month	\$0.020 / GB	\$0.020 / GB	\$0.060 / GB	\$0.065 / GB	\$0.125 / GB	<a href="#">contact us</a>

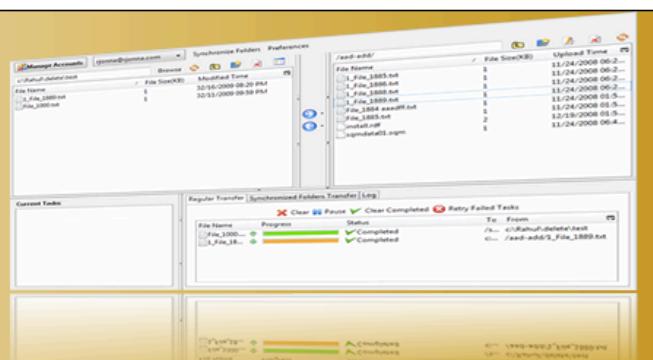
### Request Pricing

	United States	Europe	Hong Kong & Singapore	Japan	South America	Reserved Capacity Pricing
Per 10,000 HTTP requests	\$0.0075	\$0.0090	\$0.0090	\$0.0095	\$0.0160	<a href="#">contact us</a>
Per 10,000 HTTPS requests	\$0.0100	\$0.0120	\$0.0120	\$0.0130	\$0.0220	<a href="#">contact us</a>

EST.

# S3 Firefox Add-On

# Amazon CloudFront Pricing



**S3Fox Organizer**  
By Suchi Software

**Explore Amazon S3...**

**HOME** **FEATURES** **FAQs** **SUPPORT**

## Easily Manage your Amazon S3 Files & Folders

**What is S3 Fox Organizer(S3Fox)?**

The S3Fox Organizer(S3Fox), offers the ability to **upload** or **download** files to and from Amazon S3. The interface, which opens in a Firefox browser tab, looks much like that of FTP clients with a dual-pane layout. It displays files on your PC on the left, files on Amazon S3 on the right, and status or information in a panel on the bottom.

**Main Features:**

- A Front-end tool for Amazon S3 with a nifty GUI Interface.
- Upload/Download multiple files using a user friendly interface.
- Manage S3 Cloud Front Distributions
- Modifying Access Control Policies

Like to donate/tip something?

**Download**

By using S3Fox, you agree to our [Terms of Service](#)

**Testimonials**

- It's a slick Firefox extension and it was the only one which exactly worked the way I actually expected it to work.
- Without it, I don't know how to upload my files.
- Awesome add-on! serves my purpose just fine!
- It has saved me a ton of time.
- Simple and just like the FTP program we use for webhosting

<http://s3fox.net>

# Questions?