

1. Monthly costs
 - a. 100 TB
 - i. S3


Services

Estimate of your Monthly Bill (\$ 2534.27)

Choose region:

US East (N. Virginia)

Inbound Data Transfer



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

A newer version of the [S3 calculator](#) is available

S3 Standard Storage & Requests:

Storage:

100

TB

PUT/COPY/POST/LIST Requests:

0

Requests

GET/SELECT and Other Requests:

0

Requests

Data Returned by S3 Select

0

GB

Data Scanned by S3 Select

0

GB

- ii. EBS


Services

Estimate of your Monthly Bill (\$ 10996.70)

Choose region:

US East (N. Virginia)


Inbound Data Transfer is Free and Outbound Data Transfer is 1 GB free per region per month




Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides resizable compute capacity in the cloud. It is designed to make web-scale computing easier for developers. Amazon Elastic Block Store (EBS) provides persistent storage to Amazon EC2 instances.

Newer versions of the EC2 calculators are available: [Amazon EC2](#), [EC2 Dedicated Host](#), [Elastic Graphics](#), [Elastic IP](#)



Compute: Amazon EC2 Instances:

Description	Instances	Usage	Type	Billing Option	Monthly Cost
	Add New Row				


Compute: Amazon EC2 Dedicated Hosts:

Description	Number of Hosts	Usage	Type	Billing Option
	Add New Row			

Storage: Amazon EBS Volumes:

Description	Volumes	Volume Type	Storage	IOPS	Baseline Throughput	Snapshot Storage
	100	General Purpose SSD (gp2)	1000 GB	3000	250 MBs/sec	0 GB-month of Storage
	Add New Row					

iii. Glacier


Services	Estimate of your Monthly Bill (\$ 409.60)
Choose region: US East (N. Virginia) Inbound Data Transfer	
 Amazon S3 is storage for the Internet. It is designed to make web-scale computing easier for customers.	
A newer version of the S3 calculator is available	
S3 Standard Storage & Requests:	
Storage:	<input type="text" value="0"/> PB
PUT/COPY/POST/LIST Requests:	<input type="text" value="0"/> Requests
GET/SELECT and Other Requests:	<input type="text" value="0"/> Requests
Data Returned by S3 Select	<input type="text" value="0"/> GB
Data Scanned by S3 Select	<input type="text" value="0"/> GB
S3 Intelligent-Tiering (S3 INT) Storage & Requests:	
Storage:	<input type="text" value="0"/> GB
% of storage NOT accessed in a 30 day period:	<input type="text" value="0"/> %
Monitoring and Automation:	<input type="text" value="0"/> Objects per Month
PUT/COPY/POST/LIST Requests:	<input type="text" value="0"/> Requests
GET/SELECT and Other Requests:	<input type="text" value="0"/> Requests
Lifecycle Transitions from S3 Standard or S3 Standard-IA into S3 INT:	<input type="text" value="0"/> Requests
Data Returned by S3 Select:	<input type="text" value="0"/> GB
Data Scanned by S3 Select:	<input type="text" value="0"/> GB
S3 Standard - Infrequent Access (S3 Standard-IA) Storage & Requests:	
Storage:	<input type="text" value="0"/> GB
PUT/COPY/POST Requests:	<input type="text" value="0"/> Requests
GET/SELECT and Other Requests:	<input type="text" value="0"/> Requests
Lifecycle Transitions:	<input type="text" value="0"/> Requests
Data Retrieval:	<input type="text" value="0"/> GB
Data Returned by S3 Select	<input type="text" value="0"/> GB
Data Scanned by S3 Select	<input type="text" value="0"/> GB
S3 One Zone - Infrequent Access (S3 One Zone-IA) Storage & Requests:	
Storage:	<input type="text" value="0"/> GB
PUT/COPY/POST Requests:	<input type="text" value="0"/> Requests
GET/SELECT and Other Requests:	<input type="text" value="0"/> Requests
Lifecycle Transitions:	<input type="text" value="0"/> Requests
Data Retrieval:	<input type="text" value="0"/> GB
Data Returned by S3 Select	<input type="text" value="0"/> GB
Data Scanned by S3 Select	<input type="text" value="0"/> GB
Amazon S3 Glacier (S3 Glacier)	
Storage	
Storage:	<input type="text" value="100"/> TB

- b. 1 PB
- i. S3

Services

Estimate of your Monthly Bill (\$ 24464.01)

Choose region: US East (N. Virginia)
Inbound Data Transfer



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

A newer version of the [S3 calculator](#) is available

S3 Standard Storage & Requests:


Storage:	1	PB
PUT/COPY/POST/LIST Requests:	0	Requests
GET/SELECT and Other Requests:	0	Requests
Data Returned by S3 Select	0	GB
Data Scanned by S3 Select	0	GB

- ii. EBS

Services

Estimate of your Monthly Bill (\$ 106896.85)

Choose region: US East (N. Virginia)
Inbound Data Transfer is Free and Outbound Data Transfer is 1 GB free per region per month



Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides resizable compute capacity in the cloud. It is designed to make web-scale computing easier for developers. Amazon Elastic Block Store (EBS) provides persistent storage to Amazon EC2 instances.

Newer versions of the EC2 calculators are available: [Amazon EC2](#), [EC2 Dedicated Host](#), [Elastic Graphics](#), [Elastic IP](#)

Compute: Amazon EC2 Instances:

Description	Instances	Usage	Type	Billing Option	Monthly Cost
+ Add New Row					


Compute: Amazon EC2 Dedicated Hosts:

Description	Number of Hosts	Usage	Type	Billing Option
+ Add New Row				

Storage: Amazon EBS Volumes:

Description	Volumes	Volume Type	Storage	IOPS	Baseline Throughput	Snapshot Storage
-	1000	General Purpose SSD (gp2)	1000 GB	3000	250 MBs/sec	0 GB-month of Storage
+ Add New Row						


iii. Glacier

Services	Estimate of your Monthly Bill (\$ 4613.75)
Choose region: US East (N. Virginia) ⌵ Inbound Data Transfer	
 Amazon S3 is storage for the Internet. It is designed to make web-scale computing easier for developers.	
A newer version of the S3 calculator is available	
S3 Standard Storage & Requests:	
Storage:	<input type="text" value="0"/> PB ⌵
PUT/COPY/POST/LIST Requests:	<input type="text" value="0"/> Requests ⌵
GET/SELECT and Other Requests:	<input type="text" value="0"/> Requests ⌵
Data Returned by S3 Select	<input type="text" value="0"/> GB ⌵
Data Scanned by S3 Select	<input type="text" value="0"/> GB ⌵
S3 Intelligent-Tiering (S3 INT) Storage & Requests:	
Storage:	<input type="text" value="0"/> GB ⌵
% of storage NOT accessed in a 30 day period:	<input type="text" value="0"/> %
Monitoring and Automation:	<input type="text" value="0"/> Objects per Month
PUT/COPY/POST/LIST Requests:	<input type="text" value="0"/> Requests ⌵
GET/SELECT and Other Requests:	<input type="text" value="0"/> Requests ⌵
Lifecycle Transitions from S3 Standard or S3 Standard-IA into S3 INT:	<input type="text" value="0"/> Requests ⌵
Data Returned by S3 Select:	<input type="text" value="0"/> GB ⌵
Data Scanned by S3 Select:	<input type="text" value="0"/> GB ⌵
S3 Standard - Infrequent Access (S3 Standard-IA) Storage & Requests:	
Storage:	<input type="text" value="0"/> GB ⌵
PUT/COPY/POST Requests:	<input type="text" value="0"/> Requests ⌵
GET/SELECT and Other Requests:	<input type="text" value="0"/> Requests ⌵
Lifecycle Transitions:	<input type="text" value="0"/> Requests ⌵
Data Retrieval:	<input type="text" value="0"/> GB ⌵
Data Returned by S3 Select	<input type="text" value="0"/> GB ⌵
Data Scanned by S3 Select	<input type="text" value="0"/> GB ⌵
S3 One Zone - Infrequent Access (S3 One Zone-IA) Storage & Requests:	
Storage:	<input type="text" value="0"/> GB ⌵
PUT/COPY/POST Requests:	<input type="text" value="0"/> Requests ⌵
GET/SELECT and Other Requests:	<input type="text" value="0"/> Requests ⌵
Lifecycle Transitions:	<input type="text" value="0"/> Requests ⌵
Data Retrieval:	<input type="text" value="0"/> GB ⌵
Data Returned by S3 Select	<input type="text" value="0"/> GB ⌵
Data Scanned by S3 Select	<input type="text" value="0"/> GB ⌵
Amazon S3 Glacier (S3 Glacier)	
Storage	
Storage:	<input type="text" value="1"/> PB ⌵

2. More questions
 - a. 353.2 days

Data transfer time

From data quantity and transfer rate.



Amount of data: TB

Transfer rate: Mbps

Transfer time: days

Calculate! Add

- b. As fast as 1.4 days, depending on network transfer rate

Performance for AWS Snowball

[PDF](#) | [RSS](#)


Following, you can find information about AWS Snowball performance. Here, we discuss performance in general terms, because on-premises environments each have a different way of doing things—different network technologies, different hardware, different operating systems, different procedures, and so on.

The following table outlines how your network's transfer rate impacts how long it takes to fill a Snowball with data. Transferring smaller files without batching them into larger files reduces your transfer speed due to increased overhead.

Rate (MB/s)	42-TB Transfer Time	72-TB Transfer Time
800	14 hours	1 day
450	1.09 days	1.8 days
400	1.16 days	2.03 days
300	1.54 days	2.7 days
277	1.67 days	2.92 days
200	2.31 days	4 days
100	4.63 days	8.10 days
60	8 days	13 days
30	15 days	27 days
10	46 days	81 days

Data transfer time

From data quantity and transfer rate.




Amount of data: TB

Transfer rate: MBps


Transfer time: days

Calculate! Add

c. 100 TB into S3

Services	Estimate of your Monthly Bill (\$ 0.00)
Estimate of Your Monthly Bill <input checked="" type="checkbox"/> Show First Month's Bill (include all one-time fees, if any)	
 Below you will see an estimate of your monthly bill. Expand each line item to see cost breakout of each service. To save this bill and input values, click on 'Save and Share' button. To remove the service from the estimate, jump back to the service and clear the specific service's form.	
<div>Export to CSV</div> <div>Save and Share</div>	
Amazon S3 Service (US East (N. Virginia))	\$ 0.00
AWS Data Transfer In	\$ 0.00
AWS Support (Basic)	\$ 0.00
Total Monthly Payment:	\$ 0.00

d. 100 TB from S3

Services	Estimate of your Monthly Bill (\$ 8784.44)
Estimate of Your Monthly Bill <input checked="" type="checkbox"/> Show First Month's Bill (include all one-time fees, if any)	
 Below you will see an estimate of your monthly bill. Expand each line item to see cost breakout of each service. To save this bill and input values, click on 'Save and Share' button. To remove the service from the estimate, jump back to the service and clear the specific service's form.	
<div>Export to CSV</div> <div>Save and Share</div>	
Amazon S3 Service (US East (N. Virginia))	\$ 0.00
AWS Data Transfer Out	\$ 7987.11
AWS Support (Business)	\$ 798.59
Free Tier Discount:	\$ -1.26
Total Monthly Payment:	\$ 8784.44