

Estimated Monthly AWS Service costs 'Workings out'

The estimate monthly amount is calculated using the following information. For precise costings please visit these pages:

<https://aws.amazon.com/s3/pricing/>

<https://aws.amazon.com/ec2/pricing/>

<https://aws.amazon.com/elasticsearch-service/pricing/>

<https://aws.amazon.com/rds/pricing/>

<https://aws.amazon.com/kinesis/firehose/pricing/>

All costings are in USD and for the US-EAST-1 Region. All currency totals are rounded up to 2 decimal places.

Assumptions

- A minute call uses 2.2Mb of storage.
- If each call lasts 5 minutes then this requires 11Mb of storage.
- 20 working days in a month
- Each CTR is 3.5Kb in size. This is rounded up to the nearest 5Kb so 3.5Kb becomes 5Kb.

Example illustration A

This illustration shows estimated costing for 25 agents, handling 50 calls per day for a month:

Kinesis Firehose:

$1000 * 25 \text{ agents} = 25,000 \text{ CTRs per month}$
 $25000 * 5k = 125,000Kb = 0.125Gb \text{ data ingested}$
 $0.125Gb * \$0.029 = \0.00

ElasticSearch:

$750hrs * 0.036 = \$27 \text{ for 't2.small.elasticsearch' EC2 Instance}$
 $0.125Gb * \$0.135 = \$0.02 \text{ for EBS General Purpose SSD storage}$
 $\$27 + \$0.02 = \$27.02$

EC2 Instance:

750hrs * \$0.192 = \$144 for 'm4.large' EC2 instance
30Gb * \$0.135 = \$4.05 for EBS General Purpose SSD storage
\$144 + \$4.05 = \$148.05

S3:

1Gb * \$0.023 = \$0.02 for Evaluation Learning Attachments in S3 Standard storage

RDS MSSQL:

750hrs * \$0.088 = \$66 for 't2.medium' EC2 instance
100Gb * \$0.115 = \$11.5 for EBS General Purpose SSD storage
\$66 + \$11.5 = \$77.50

Software:

25 users * \$20 = \$500

Total:

\$252.59 excluding software

\$752.59 including software

Agents	Calls / Day	Kinesis Firehose	ES EC2 Instance	ES EBS	ES Total	EC2 Instance	EC2 EBS	EC2 Total	RDS EC2 Instance	RDS EC2 EBS	RDS Total	S3 Total	Software	Total Cost
25	50	\$0.00	\$27.00	\$0.02	\$27.02	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$500.00	\$752.59
50	50	\$0.01	\$27.00	\$0.03	\$27.03	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$1,000.00	\$1,252.61
100	50	\$0.01	\$27.00	\$0.07	\$27.07	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$2,000.00	\$2,252.65
200	50	\$0.02	\$27.00	\$0.14	\$27.14	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$4,000.00	\$4,252.73
400	50	\$0.05	\$27.00	\$0.27	\$27.27	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$8,000.00	\$8,252.89
800	50	\$0.09	\$27.00	\$0.54	\$27.54	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$16,000.00	\$16,253.21
1600	50	\$0.18	\$27.00	\$1.08	\$28.08	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$32,000.00	\$32,253.84
25	100	\$0.01	\$27.00	\$0.03	\$27.03	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$500.00	\$752.61
50	100	\$0.01	\$27.00	\$0.07	\$27.07	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$1,000.00	\$1,252.65
100	100	\$0.02	\$27.00	\$0.14	\$27.14	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$2,000.00	\$2,252.73
200	100	\$0.05	\$27.00	\$0.27	\$27.27	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$4,000.00	\$4,252.89
400	100	\$0.09	\$27.00	\$0.54	\$27.54	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$8,000.00	\$8,253.21
800	100	\$0.18	\$27.00	\$1.08	\$28.08	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$16,000.00	\$16,253.84
1600	100	\$0.37	\$27.00	\$2.16	\$29.16	\$144.00	\$4.05	\$148.05	\$66.00	\$11.50	\$77.50	\$0.02	\$32,000.00	\$32,255.10

Table showing total estimated AWS Services based on a set number of users and calls per month