Feedback   Language: English ▼   Contact Sales ⧉ | Create an AWS Account

Create estimate: Configure Amazon EC2   Info

Step 1

Add service

Description

Enter a description for your estimate

Step 2

Configure service

Choose a location type   Info

| Region ▼ |

Choose a Region

| Asia Pacific (Mumbai) ▼ |

EC2 specifications   Info

Tenancy

Choose the tenancy type to run your Amazon EC2 instances on.

| Shared Instances ▼ |

Operating system

Choose the operating system to run your Amazon EC2 instances on.

| Linux ▼ |

Workloads

Choose the graph that best represents your monthly workload

◉ Constant usage   ○ Daily spike traffic   ○ Weekly spike traffic   ○ Monthly spike traffic

Number of instances

Please specify the total number of Instances that you need each month.

1

EC2 Instances (7)

Based on your inputs, this is the lowest-cost EC2 instance: **t2.nano**

Chosen instance: **t2.large** | **Family: t2** | **2vCPU** | **8 GiB Memory**

Search instance type

🔍 *Search by instance name or filter by keyword*

Instance family Info	vCPUs	Memory (GiB)	Network performance
t2 ▼	Any vCPUs ▼	Any Memory (GiB) ▼	Any Network Per… ▼

☑ Show only current generation instances.

⟨ **1** ⟩ | ⚙

	Instance name ▽	vCPUs ▽	Memory ▽	Network Performance ▽	Storage ▽	On
○	t2.nano	1	0.5 GiB	Low	EBS only	0.0
○	t2.micro	1	1 GiB	Low to Moderate	EBS only	0.0
○	t2.small	1	2 GiB	Low to Moderate	EBS only	0.0
○	t2.medium	2	4 GiB	Low to Moderate	EBS only	0.0
⦿	t2.large	2	8 GiB	Low to Moderate	EBS only	0.0

Instance name ▽	vCPUs ▽	Memory ▽	Network Performance ▽	Storage ▽	On
○ t2.xlarge	4	16 GiB	Moderate	EBS only	0.1
○ t2.2xlarge	8	32 GiB	Moderate	EBS only	0.3

◀

Payment options

Estimated commitment price based on the following selections:

Instance type: **t2.large** Operating system: **Linux**

Select the container and options to find your best price

● **Compute Savings Plans**	○ **EC2 Instance Savings Plans**
One plan that automatically applies to all usage on EC2, Fargate, and Lambda. Up to 66% discount. [Learn more](#)	Get deeper discount when you only need one instance family and region. Up to 72% discount. [Learn more](#)
Reservation term	**Reservation term**
● 1 year	○ 1 year
○ 3 year	● 3 year
Payment Options	**Payment Options**
○ No upfront	● No upfront
○ Partial upfront	○ Partial upfront
● All upfront	○ All upfront
Upfront: 580.79	**Upfront: 0.00**

Monthly: 0.00/Month   **Monthly: 30.51/Month**

○ On-Demand

Maximize flexibility. [Learn more](#)

Expected utilization

Enter the expected usage of Amazon EC2 instances

Usage

24

Usage type

Hours / Day ▼

Instance: 0.0992/Hour

Monthly: 72.42/Month

○ Spot Instances

Minimize cost by leveraging EC2's spare capacity. Recommended for fault tolerant and interruption tolerant applications. [Learn more](#)

The historical average discount for t2.large is 61%

Assume percentage discount for my estimate

-1

ⓘ **Actual spot instance pricing varies**
With spot instances, you pay the spot price that's in effect for the time period your instance is running

---

Instance: 0.0992/Hour

Monthly: 73.14/Month

▶ **Other purchasing options**

▼ **Show calculations**

[Breakeven analysis](#)

A cost-optimized strategy for your utilization is found by calculating the breakeven point when Compute Savings Plans instances are more cost effective to use than On-Demand Instances.

Compute Savings Plans rate for t2.large in the Asia Pacific (Mumbai) for 1 Year term and All Upfront is 0.0663 USD
Hours in the commitment: 365 days * 24 hours * 1 year = 8760.0000 hours
Total Commitment: 0.0663 USD * 8760 hours = 580.7880 USD
Upfront: All Upfront (100% of 580.788) = 580.7880 USD
Hourly cost for Compute Savings Plans = (Total Commitment - Upfront cost)/Hours in the term: (580.788 - 580.79)/8760 = -0.0000 USD
Normalized Compute Savings Plans monthly price: (580.788000 USD / 12 months) + (0.000000 USD x 730 hours in a month) = 48.399000 USD
On-Demand hourly price: 0.099200 USD
Normalized On-Demand monthly price: 0.099200 USD x 730 hours in a month = 72.416000 USD
Breakeven percentage: 48.399000 USD / 72.416000 USD = 0.66834677419354838709
Breakeven point: 0.66834677419354838709 x 730 hours in month = 487.893145 hours

Utilization summary

For instance utilization over the breakeven point, 487.893145 hours, it is more cost effective to choose Compute Savings Plans instances than On-Demand Instances.

1 Compute Savings Plans instances x 580.788000 upfront cost = 580.788000 USD

Compute Savings Plans instances (upfront): 580.788000 USD

1 instances x 730 hours in a month = 730 Compute Savings Plans instance hours per month
730 Compute Savings Plans instance hours per month x 0.000000 USD = 0.000000 USD

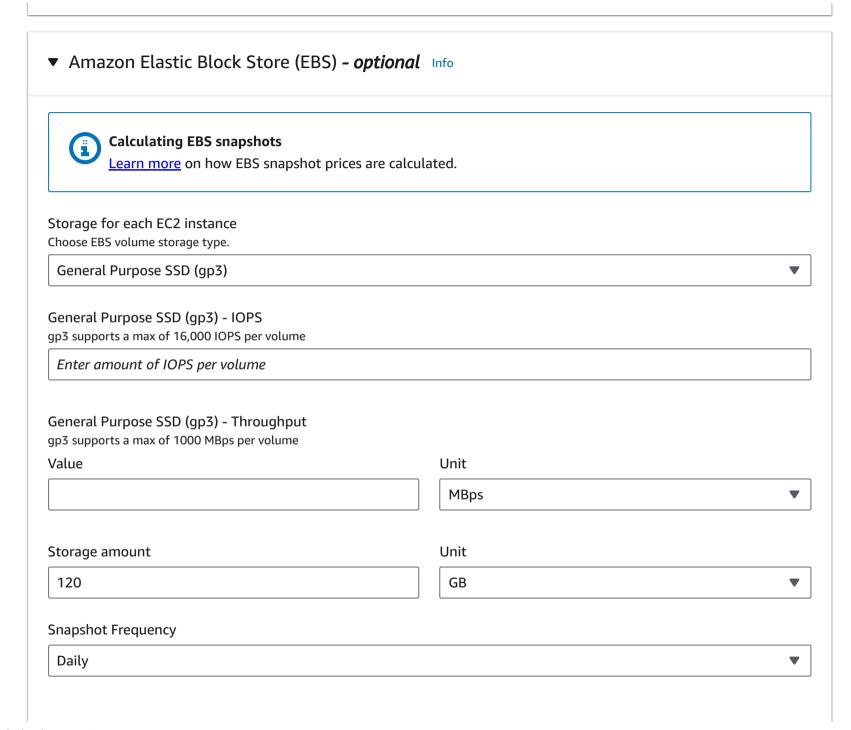**Normalized Compute Savings Plans instances (monthly): 0.000000 USD**

0 On-Demand instance hours per month x 0.099200 USD = 0.000000 USD

On-Demand (monthly): 0.000000 USD

0.000000 USD On-Demand (monthly) + 0.000000 USD Normalized Compute Savings Plans instances (monthly) = 0.000000 USD

Total cost (monthly): 0.000000 USD

Please note that you will pay an hourly commitment for Savings Plans and your usage will be accrued at a discounted rate against this commitment.

▼ Amazon Elastic Block Store (EBS) *- optional*   Info

ⓘ **Calculating EBS snapshots**
    Learn more on how EBS snapshot prices are calculated.

Storage for each EC2 instance
Choose EBS volume storage type.

General Purpose SSD (gp3)   ▼

General Purpose SSD (gp3) - IOPS
gp3 supports a max of 16,000 IOPS per volume

Enter amount of IOPS per volume

General Purpose SSD (gp3) - Throughput
gp3 supports a max of 1000 MBps per volume

Value

	Unit	
	MBps	▼

Storage amount

	Unit	
120	GB	▼

Snapshot Frequency

Daily   ▼

Amount changed per snapshot

| 30 |

Unit

| GB   ▼ |

▼ **Show calculations**

730 total EC2 hours / 730 hours in a month = 1.00 instance months
120 GB x 1.00 instance months x 0.0912 USD = 10.94 USD (EBS Storage Cost)
EBS Storage Cost: 10.94 USD
Total snapshots: 30
Initial snapshot cost: 120 GB x 0.0500000000 = 6 USD
Monthly cost of each snapshot: 30 GB x 0.0500000000 USD = 1.5 USD
Discount for partial storage month: 1.5 USD x 50% = 0.75 USD
Incremental snapshot cost: 0.75 USD x 30 = 22.5 USD
Total snapshot cost: 6 USD + 22.5 USD = 28.5 USD
28.50 USD x 1.00 instance months = 28.50 USD (total EBS snapshot cost)
10.94 USD + 28.50 USD = 39.44 USD (Total EBS cost)
Amazon Elastic Block Store (EBS) total cost (monthly): 39.44 USD

▶ Detailed monitoring *- optional*   Info

▶ Data transfer *- optional*

▶ Additional costs *- optional*

Acknowledgement

AWS Pricing Calculator provides only an estimate of your AWS fees and doesn't include any taxes that might apply. Your actual fees depend on a variety of factors, including your actual usage of AWS services.   Learn more ⬈

Total Upfront cost: 580.79 USD
Total Monthly cost: 39.44 USD

Show Details ▼   Cancel   Save and view summary   Save and add service