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

Create estimate: Configure Amazon EC2   Info

Step 1

Add service

Step 2

Configure service

Description

Enter a description for your estimate

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

<table>
<tr><td>

● Compute Savings Plans

One plan that automatically applies to all usage on EC2, Fargate, and Lambda. Up to 66% discount. Learn more

Reservation term
● 1 year
○ 3 year

Payment Options
○ No upfront
○ Partial upfront
● All upfront

Upfront: 580.79

</td><td>

○ EC2 Instance Savings Plans

Get deeper discount when you only need one instance family and region. Up to 72% discount. Learn more

Reservation term
○ 1 year
● 3 year

Payment Options
● No upfront
○ Partial upfront
○ All upfront

Upfront: 0.00

</td></tr>
</table>

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

○ On-Demand   ○ Spot Instances

Maximize flexibility. Learn more   Minimize cost by leveraging EC2's spare capacity.

                                                          Recommended for fault tolerant and interruption tolerant

Expected utilization   applications. Learn more

Enter the expected usage of Amazon EC2 instances

                                                          The historical average discount for t2.large is 61%

Usage
                                                          Assume percentage discount for my estimate

| 24 | | -1 |

Usage type

| Hours / Day   ▼ | ⓘ   **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   **Instance: 0.0992/Hour**

                 Monthly: 72.42/Month   **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

▶ 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: 0.00 USD

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