COMPARISON BETWEEN AMAZON WEB SERVICES AND GOOGLE CLOUD

AMAZON WEB SERVICES

First 12 months total	Total upfront	Total monthly
6,717.24 USD	0.00 USD	559.77 USD

Services (2)

Amazon RDS for MySQL
Region: Asia Pacific (Mumbai)   Edit   Action ▼

MySQL DB

Quantity (2), Storage for each RDS instance (General Purpose SSD (gp2)), Storage amount (30 GB), Instance type (db.t2.medium)   Monthly: 136.34 USD

Amazon EC2
Region: Asia Pacific (Mumbai)   Edit   Action ▼

Quick estimate

Operating system (Red Hat Enterprise Linux), Instance type (t3.xlarge), Quantity (2), Storage for each EC2 instance (General Purpose SSD (gp2)), Storage amount (750 GB)   Monthly: 423.43 USD

GOOGLE CLOUD

Compute Engine

2 x

1,460 total hours per month

VM class: regular

Instance type: n1-standard-4

Region: Mumbai

Paid OS Cost: USD 87.60

GCE Instance Cost: USD 220.17

Total available local SSD space 2x375 GB

Sustained Use Discount: 30%   ?

Effective Hourly Rate: USD 0.309

Estimated Component Cost: USD 451.78 per 1 month

Cloud SQL First Generation

D1 Instance

# of instances: 2

30.4 total days per month

Storage: 30 GB

USD 103.22

Total Estimated Cost: USD 554.99 per 1 month

Estimate Currency

USD - US Dollars   ▼

EMAIL ESTIMATE   SAVE ESTIMATE

COMPUTE ENGINE

SYSTEM ELEMENTS	AWS	GOOGLE CLOUD
Instances	2	2
Operating System	Red Hat Enterprise Linux	Red Hat Enterprise Linux
Memory	16 GB	15 GB
vCPUs	4	4
SSD	2x375 GB	2x375 GB
Region	Mumbai	Mumbai
Cost per Month	$423.43	$451.78

DATABASE

SYSTEM ELEMENTS	AWS	GOOGLE CLOUD
Database	Amazon RDS for MySQL	Cloud SQL First Generation
Instances	2	2
SSD	30 GB	30 GB
Region	Mumbai	Mumbai
Cost per Month	$136.34	$103.22

COST ANALYSIS

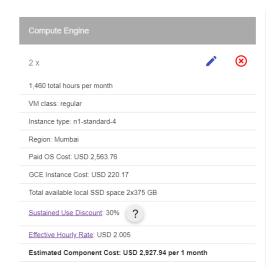Total Cost for AWS = $559.77

Total Cost for Google Cloud = $554.99

Thus, the total cost for Google Cloud is less as compared to AWS.

COMPARISON WITH DIFFERENT OS

AMAZON WEB SERVICES

Amazon EC2
Region: Asia Pacific (Mumbai)
      Edit   Action ▼

Quick estimate

Operating system (Linux with SQL Server Enterprise), Instance type (t3.xlarge), Quantity (2), Storage for each EC2 instance (General Purpose SSD (gp2)), Storage amount (750 GB)

Monthly: 2525.83 USD

GOOGLE CLOUD

Compute Engine

2 x

1,460 total hours per month

VM class: regular

Instance type: n1-standard-4

Region: Mumbai

Paid OS Cost: USD 2,563.76

GCE Instance Cost: USD 220.17

Total available local SSD space 2x375 GB

Sustained Use Discount: 30% ?

Effective Hourly Rate: USD 2.005

Estimated Component Cost: USD 2,927.94 per 1 month

COMPUTE ENGINE

SYSTEM ELEMENTS	AWS	GOOGLE CLOUD
Instances	2	2
Operating System	Linux with SQL Server Enterprise	SQL Server Enterprise
Memory	16 GB	15 GB
vCPUs	4	4
SSD	2x375 GB	2x375 GB
Region	Mumbai	Mumbai
Cost per Month	$2525.83	$2927.94

COST ANALYSIS

Cost for AWS = $2525.83

Cost for Google Cloud = $2927.94