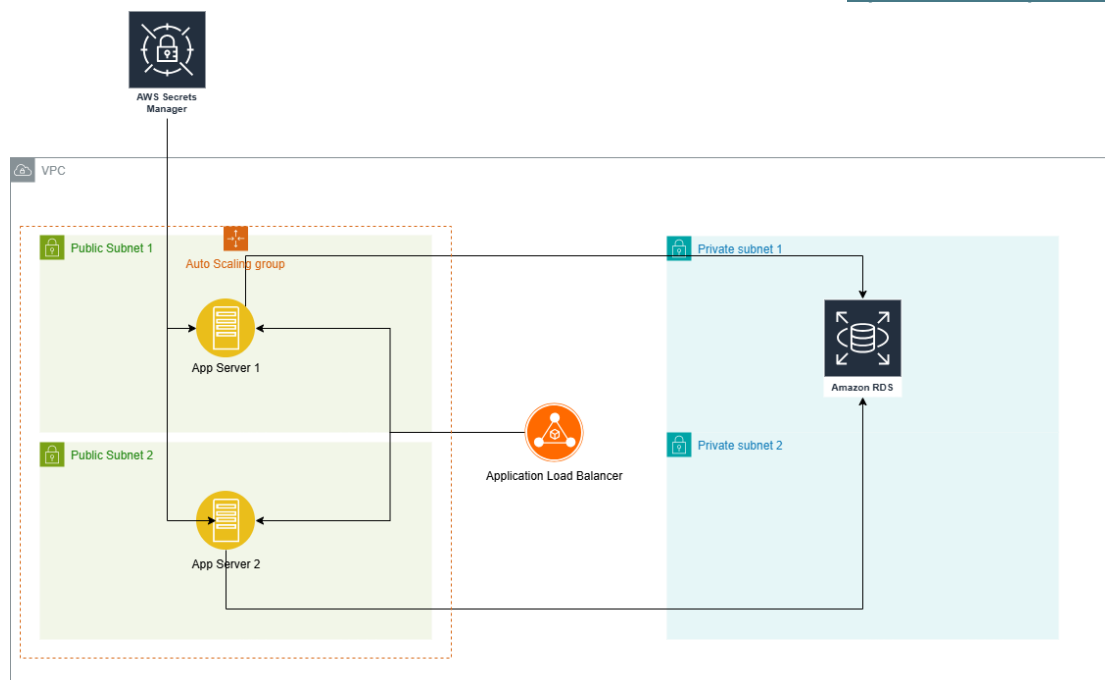


פרויקט 1 - AWS Scalable Web Application

שמות המגשים - אלעד אהרון 206866220
רותם רוזנברג 31904416


ארכיטקטורת הפרויקט:



הערכת מחיר:

החישוב נעשה עבור מערכת עם 10,000 משתמשים פעילים.

קישור: [לחץ כאן](#)



Contact your AWS representative: [Contact Sales](#)

Export Date: 04/12/2025

Language: English

[Estimate url](#)

Estimate summary

Upfront cost

0.00 USD

Monthly cost

127.79 USD

Total 12 months cost

1,533.48 USD

Includes upfront cost

Detailed Estimate

Name

Amazon EC2

Group

-

Region

US East (N. Virginia)

Upfront cost

0.00 USD

Monthly cost

11.83 USD

Status

-

Description:

Web servers

Config summary

Tenancy (Shared Instances), Operating system (Linux), Workload (Consistent, Number of instances: 2), Advance EC2 instance (t3a.small), Pricing strategy (EC2 Instance Savings Plans 3yr No Upfront), Enable monitoring (disabled), DT Inbound: Not selected (0 TB per month), DT Outbound: Not selected (0 TB per month), DT Intra-Region: (0 TB per month)

Name

Elastic Load Balancing

Group

-

Region

US East (N. Virginia)

Upfront cost

0.00 USD

Monthly cost

18.88 USD

Status

-

Description:

ALB

Config summary

Number of Application Load Balancers (1)

Name

Amazon RDS for MySQL

Group

-

Region

US East (N. Virginia)

Upfront cost

0.00 USD

Monthly cost

96.02 USD

Status

-

Description:

Student Records DB

Config summary

Storage amount (50 GB), Storage for each RDS instance (General Purpose SSD (gp2)), Nodes (1), Instance type (db.t3.medium), Utilization (On-Demand only) (100 %Utilized/Month), Deployment option (Single-AZ), Pricing strategy (OnDemand), Additional backup storage (5 GB)

Name

Amazon CloudWatch

Group

-

Region

US East (N. Virginia)

Upfront cost

0.00 USD

Monthly cost

1.06 USD

Status

-

Description:

EC2 cloudwatch

Config summary

Standard Logs: Data Ingested (1.5 GB), Number of Dashboards (), Number of Standard Resolution Alarm Metrics (3)

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](#)

קישור לגיט: [לחץ כאן](#)

קישור לLoad balancer: [לחץ כאן](#)

קישור לBadge: [לחץ כאן](#)

פלט בדיקת עומסים:

```
voclabs:~/environment $ loadtest --rps 1000 -c 500 -k http://xyz1b-1356251871.us-east-1.elb.amazonaws.com
Requests: 4996, requests per second: 999, mean latency: 8.2 ms

Target URL:      http://xyz1b-1356251871.us-east-1.elb.amazonaws.com
Max time (s):    10
Target rps:      1000
Concurrent clients: 40
Agent:           keepalive

Completed requests: 9999
Total errors:      0
Total time:        10 s
Mean latency:      5.2 ms
Effective rps:     1000

Percentage of requests served within a certain time
50%      2 ms
90%      13 ms
95%      26 ms
99%      51 ms
100%     179 ms (longest request)
```