

**Web Server**

Linux a1.2xlarge

**Web Server Size**

16 GB

**Web Server Cost**

\$0.204/hour

**Database Server**

Linux with SQL Standard t3a.xlarge

**Explanation**

Linux, in my opinion, is one of the best operating systems for running web/app servers due to its simplicity, wide availability of tutorials and services for Linux, and the low-level capabilities of a Linux machine for hosting web services. The 16 GB size gives ample room to start out the service at a relatively low price.

**Explanation**

To go along with our Linux web/app server will again simplify things, allow the web communicate easily, and provide relative Standard is an excellent choice for data in many top-level companies. We'll start in order to match the size of the app server the 32 GB version, which may be overkill standard 16 GB version of the database

**TOTAL PRICING**

Web Server \$0.204/hour

24/7, a.k.a 168 hours per week \* 4 weeks per month =

Database Server \$0.6304/hour

24/7, a.k.a 168 hours per week \* 4 weeks per month =

Email Pricing \$6/user/month

For 10 users @ \$6/user/month =

Monitoring Pricing \$15/host/month

Assuming 1 host/month =

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**Database Server Size**

16 GB

**Database Server Cost**

\$0.6304/hour

**Email Services**

Gmail

**Explanation**

Gmail is arguably the most widely known email service today outside of maybe yahoo or aol. Most people do not realize the professional services that a paid Gmail service provides to companies/employees. The pricing is not the cheapest but the extra services with Google Workspace more than makes up for it.

ver, a Linux database using SQL Standard server and database server to rely low-level functionality. SQL bases as it is easily learned and widely used t with the 16 GB A-version of the server rver. The 16 GB A-version is half the price of ll in size, and is also cheaper than the server.

\$138/month

12 months = \$1,656/year

\$424/month

12 months = \$5,088/year

\$60/month

12 months = \$720/year

\$15/month

12 months = \$180/year

**TOTAL/YEAR**

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\$7,644 per year

<b><u>Email Pricing</u></b>	<b><u>Performance Monitoring</u></b>	<b><u>Pricing</u></b>
\$6/user/month	Datadog	\$15/host/month

**Explanation**

Datadog is an online service for cheap that provides companies with multiple options of monitoring such as Infrastructure Monitoring, Network Monitoring, or Real User Monitoring. All of these options are fleshed out services that provide excellent monitoring services for cloud-based systems.