

CLOUD PRICING

Unitas Global custom designs an educational SaaS company into a dedicated Enterprise Private Cloud (EPC) environment & migrates the client out of their previous AWS infrastructure.



METHODOLOGY

SIZING

Cost was calculated based on 3 separately sized server configurations. All data on the proceeding pages refer to the specific sizes listed in Table 1:

Small	1	2	50
Medium	4	6	100
Large	6	8	200

Pricing is measured exclusively by the specification of cores, RAM, and storage. Though it is arguable that CPU performance, RAM performance, and even overall server performance can alter costs based on each user's application's specific needs, the pricing report does not take performance into consideration.

NOTEABLES

- Each server listed is configured to minimum system Requirements. Any server supplied by a provider must Fulfill or exceed those requirements. Server Configurations vary limitlessly depending on business And application types. These configurations are Selected to fall within parameters of most providers, Which allows for most data collection.
- Transfer rate costs are not included in server Configurations because data transfer per month is Extremely variable depending on the server Applications and overall purpose of the server. Aoc Unitas does not charge for transfer costs, however all Other providers in the cloud space do, so a separate Chart is included in the appendix that displays those

ANALYSIS

SUMMARY OF FINDINGS

Each section (Small, Medium, and Large) lists the table of 4 providers and an analysis of in-house hosting in order from least expensive to most expensive cost per server configuration. The average price for each configuration is listed underneath the configuration label. The percentage next to each provider's name expresses the percentage below or above the average price.

NOTEABLES

Pricing is based on a ubiquitous profiles backed into the proposed solution and capacity provided by Unitas.

Monthly and annual pricing is based on research by Gartner Research on Cloud pricing December 2013.

Monthly capacity pricing is based on a monthly per instance pricing extrapolated over the capacity of the deployment proposed by Unitas

Monthly capacity pricing reflects industry normalized pricing. Capacity represents per instance sizing price extrapolated to resource capacity limit.

Unitas solution includes all space, power, and full management.

MONTHLY PRICING	SMALL	MEDIUM	LARGE
	Average price: \$87.41	Average price: \$296.87	Average price: \$378.82
UNITAS	-47%	-53%	-51%
AMAZON	-1%	-1%	-22%
SAVVIS	4%	-18%	-18%
TERREMARK	13%	46%	34%
IN-HOUSE	131%	39%	36%

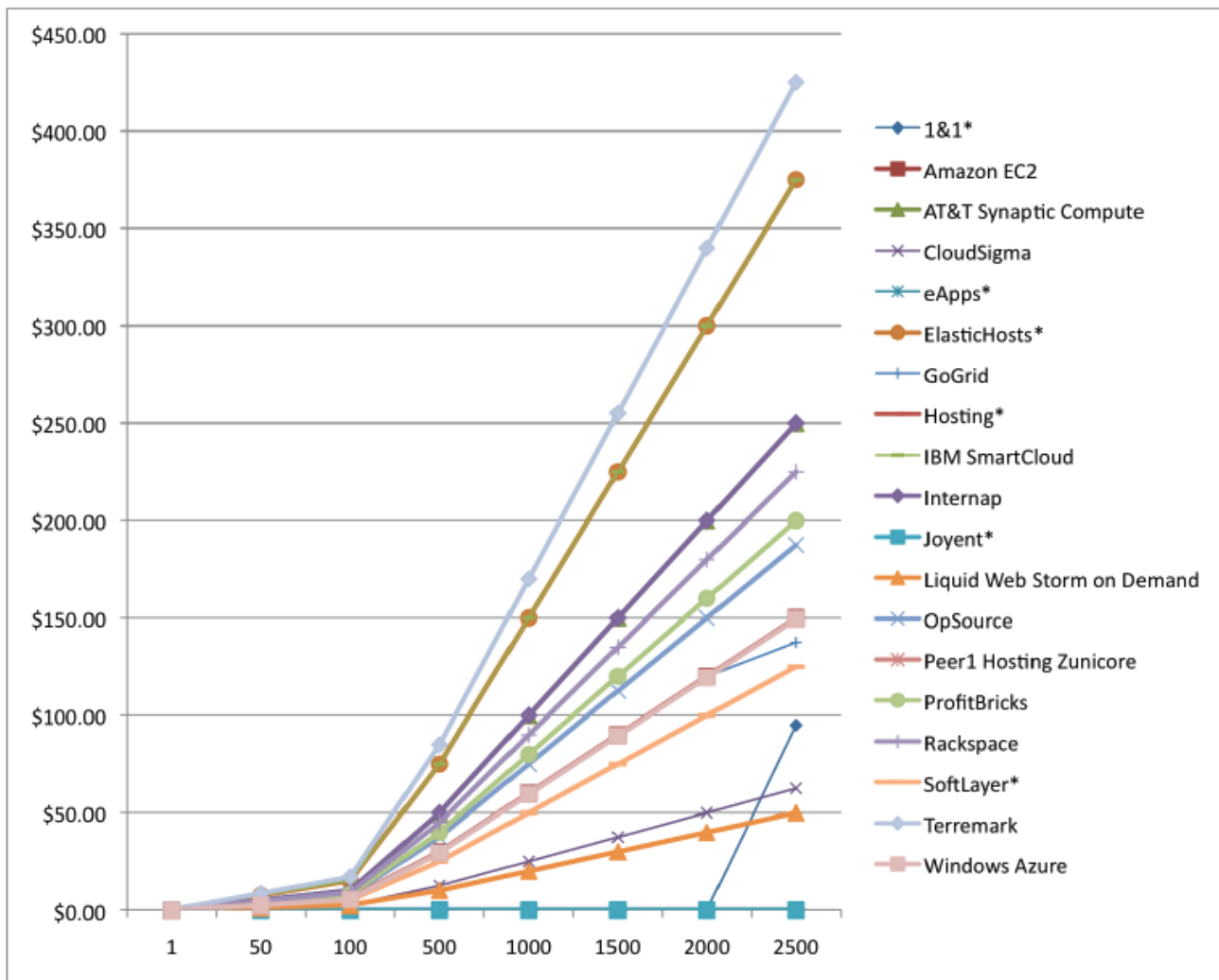
ANNUAL PRICING	SMALL	MEDIUM	LARGE
	Average price: \$1,001.64	Average price: \$3,367.85	Average price: \$4,329.99
UNITAS	-44%	-50%	-48%
AMAZON	-33%	-47%	-59%
SAVVIS	9%	-13%	-14%
TERREMARK	18%	54%	40%
IN-HOUSE	152%	50%	45%

MONTHLY CAPACITY PRICING	SMALL	MEDIUM	LARGE
	Average price: \$1,001.64	Average price: \$3,367.85	Average price: \$4,329.99
UNITAS	\$286,125.93	\$286,125.93	\$286,125.93
AMAZON	\$531,676.57	\$601,909.86	\$453,856.67
SAVVIS	\$558,528.92	\$498,551.60	\$477,131.37
TERREMARK	\$606,863.16	\$887,665.05	\$779,702.48
IN-HOUSE	\$1,240,578.66	\$845,105.77	\$791,339.83

MAXIMUM CAPACITY OF PROPOSED SOLUTION	SMALL	MEDIUM	LARGE
	1/2/50	4/6/100	6/8/200
CORES	19,200	4,800	3,200
RAM (GB)	6,144	2,048	1,536
STORAGE (GB)	13,200	6,600	3,300

APPENDIX

TRANSFER PRICING



The graph above shows the cost of data transfer for each provider in the amount shown. The X axis represents the amount of data transferred: 50% inbound, 50% outbound (e.g., 50GB total means 25 inbound traffic and 25 outbound traffic). Please refer to the chart on the next page for more information.

*1&1 includes 2 TB in a cloud server.

*eApps charges \$0.20/GB after passing an original transfer commitment amount.

*ElasticHosts charges \$0.30 after passing an original transfer commitment amount.

*Hosting.com includes 1 MB/s with a cloud server.

*Joyent includes the first 20TB with a cloud server.

*1TB is included in monthly packages with SoftLayer.3

*Savvis does not charge by GB transferred per month; instead, they charge using a 95% method while capping bandwidth (\$50/Mbps/month). Their rates are not included in the chart.

APPENDIX

TRANSFER COSTS CHART

PROVIDER	1GB	50GB	100GB	500GB	1TB	1.5TB	2TB	2.5TB
1&1*	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.00
Amazon EC2*	\$0.00	\$3.00	\$6.00	\$30.00	\$60.00	\$90.00	\$120.00	\$150.00
AT&T Synaptic Compute	\$0.10	\$5.00	\$10.00	\$50.00	\$100.00	\$150.00	\$200.00	\$250.00
CloudSigma	\$0.05	\$1.25	\$2.50	\$12.50	\$25.00	\$37.50	\$50.00	\$62.50
eApps*	\$0.08	\$4.00	\$8.00	\$40.00	\$80.00	\$120.00	\$160.00	\$200.00
ElasticHosts*	\$0.15	\$7.50	\$15.00	\$75.00	\$150.00	\$225.00	\$300.00	\$375.00
GoGrid*	\$0.00	\$3.00	\$6.00	\$30.00	\$60.00	\$90.00	\$120.00	\$137.50
IBM SmartCloud	\$0.15	\$7.50	\$15.00	\$75.00	\$150.00	\$225.00	\$300.00	\$375.00
Internap	\$0.10	\$5.00	\$10.00	\$50.00	\$100.00	\$150.00	\$200.00	\$250.00
Liquid Web Storm on Demand	\$0.05	\$1.25	\$2.50	\$10.00	\$20.00	\$30.00	\$40.00	\$50.00
OpSource	\$0.15	\$3.75	\$7.50	\$37.50	\$75.00	\$112.50	\$150.00	\$187.50
Peer1 Hosting Zunicore	\$0.12	\$3.00	\$6.00	\$30.00	\$60.00	\$90.00	\$120.00	\$150.00
ProfitBricks	\$0.08	\$4.00	\$8.00	\$40.00	\$80.00	\$120.00	\$160.00	\$200.00
Rackspace	\$0.18	\$4.50	\$9.00	\$45.00	\$90.00	\$135.00	\$180.00	\$225.00
SoftLayer*	\$0.10	\$2.50	\$5.00	\$25.00	\$50.00	\$75.00	\$100.00	\$125.00
Terremark	\$0.17	\$8.50	\$17.00	\$85.00	\$170.00	\$255.00	\$340.00	\$425.00
Windows Azure*	\$0.00	\$2.40	\$5.40	\$29.40	\$59.40	\$89.40	\$119.40	\$149.40

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