Navigate with Cloud Compass

LeviCorp | June 6th, 2022

LEVICORP
WE GET IT DONE

No matter where you run, by comparing your current monthly total to the cloud cost "as is" and then applying Galileo right-sizing, we're confident you can save.

You could save

$122,399

on average

Your IT Costs Compared to The Cloud

Your **250 systems** are configured to use too many resources. Based on collection metrics from **March 1, 2021 - June 30, 2021**, the CPU, Memory and Storage for your **tagged environment assets** can be decreased significantly. Even if you don't plan on moving to the cloud, as a cost center, you are configured for more than you need!

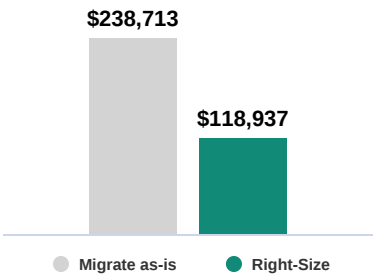
AWS On Demand

Savings	Migrate as-is		Right-Sized
$ 119,776 per month	$ 238,713		$ 118,937
	3182 CPUs		1238 CPUs
	32 TiB		17 TiB
	531.94 TiB		262.29 TiB

Using our SMaRT Cloud Analytics engine, we have analyzed your system configurations and have mapped them to a suitable configuration in AWS.

Your calculated **SAVINGS of $119,776** reflects the difference between simply "lifting-and-shifting" your infrastructure to AWS as-is vs correctly sizing for your workload.

Additional details about our analysis can be found on the following page.



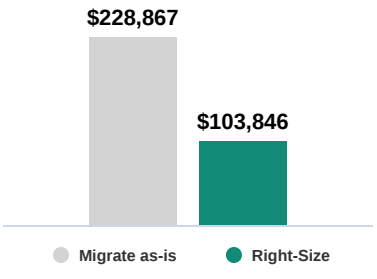
Azure Pay-As-You-Go

Savings	Migrate as-is		Right-Sized
$ 125,021 per month	$ 228,867		$ 103,846
	2946 CPUs		1233 CPUs
	31 TiB		17 TiB
	531.94 TiB		262.29 TiB

Using our SMaRT Cloud Analytics engine, we have analyzed your system configurations and have mapped them to a suitable configuration in Azure.

Your calculated **SAVINGS of $125,021** reflects the difference between simply "lifting-and-shifting" your infrastructure to Azure as-is vs correctly sizing for your workload.

Additional details about our analysis can be found on the following page.



S M R T

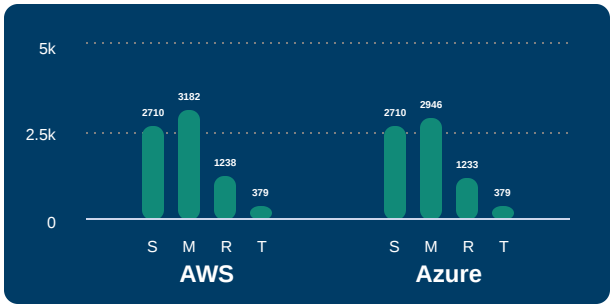
Galileo "SMaRT" Cloud Analytics

- **S** represents your **System configuration** as it exists today. This is the data that we collected from your environment in real-time over the analysis period.
- **M** is your **Migrate as-is** workload and represents how your current System configuration maps to AWS or Azure instances. Keep in mind that in many cases this mapping will cause sizing to increase in order to get the closest match in AWS or Azure based on the lowest common denominator (CPU or memory). Since both Cloud providers have specific configurations that cannot be adjusted at a granular level, we have to fit into an instance that will fit the minimum CPU or memory requirement. For example, if you have a 1 CPU, 4 GB system, that system may have to map to a minimum 2 CPU, 4 GB system in the Cloud. *This is where right-sizing becomes important.*
- **R** represents how your workload can be **Right-sized** to map to smaller Cloud instances. To determine the right-sized amount, we calculate your peak workloads, look for any over-provisioning on a per-instance basis, and then map the that workload to a suitable AWS or Azure instance. This sizing and cost model is the price you *should* be paying for your workload to run in the Cloud.
- **T** represents the **True consumption** of your workload based on peak performance. While neither AWS nor Azure allow for granular configurations to accommodate this type of sizing, this metric is important when comparing to your current System configuration metrics to determine how over-provisioned your environment is.

CPU

You can increase your CPU utilization efficiency by **60%** with proper right-sizing.

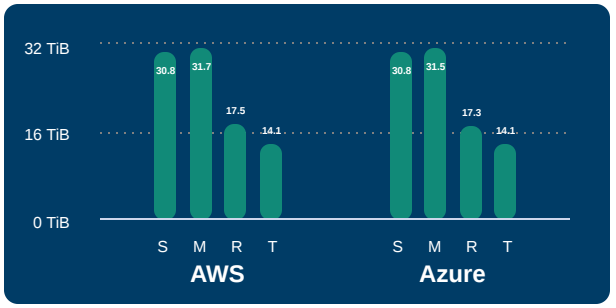
- Migrate required an average of 3064 physical CPUs
- Right-Size required **only 1235.5 physical CPUs** on average



Memory

You can increase your Memory utilization efficiency by **45%** with proper right-sizing.

- Migrate required an average of 31.6 TiB of RAM
- Right-Size required **only 17.4 TiB of RAM** on average



Disk

You can increase your Disk utilization efficiency by **51%** with proper right-sizing.

- Migrate required an average of 531.94 TiB of disk space
- Right-Size required **only 262.29 TiB of disk space** on average