

# Cost Management & Optimization

## Not a provider or tool solution

Why should I buy a 3rd party solution to track and manage costs instead of trying to use built in tools from my cloud provider (AWS, Azure, etc.)?

### Cloud Service Providers are like Utilities – inexpensive, commodity but won’t manage your spend for you

Cloud Providers are motivated to sell you infrastructure. That is the only way they make money. Their software is included in the infrastructure itself. With pricing schemes like by the hour (or some cases by the minute) the provider is trying to make it seem like a small expense. Who wouldn’t pay a few cents an hour for infrastructure? It turns out it is a good deal but only if you manage it. Most IT workloads are not run at full capacity 24x7. That means there are some natural down cycles for your infrastructure. In the on-premises world you were stuck with it because you bought it. In the Cloud world you pay for what you need when you need it and then you give it back when you do not need it anymore. Most organizations get the first part right but struggle with the second – giving it back.

### Cloud Service Providers make it easy to buy, not to return


We think scheduling infrastructure and decommissioning it when you are done should be easy peasy lemon squeezy. But it’s not. There are tons of moving parts. What resources can I shut down in my off hours? What if I need a different schedule every day of the week? What if I can’t shut down my entire workload? Vega has a solution to these and more issues around waste elimination.

### Cost analysis is just about the bill, not your organization

Most Cloud Service Providers (AWS, Azure) provide some basic cost analysis functionality. They allow you to slice and dice your invoice so that you can see what services you are spending money on. That is typically where their capability starts to fall off. If you are looking to aggregate costs arbitrarily – lets say by business unit or cost center or you want to group some costs from one account with some costs from another account – you will need a third party application to help you do this or or one large data warehouse with reporting and analysis tools.

### Third Party tools have been focused on reporting

Fortunately, these tools have been around for a long time – Cloud Health, Cloudability, Cloudcheckr, Finance Manager, there are many. These tools can produce pretty charts and graphs and help you allocate costs for charge back or show back. These tools will also show you areas you can save money – waste in the platform. But that is where the train stops. They are not operational platforms. You, the account owner will still have to do the work. You will have to find a way to schedule things. You will have to delete the no longer needed items. You will have to right-size your infrastructure. These are typically manual tasks that can take time away from more important things you want to do like building your application. It’s time for a change. It’s time for Vega.

Core Customer Feature	Cloud Provider Implementation	CloudHealth by vmware®	
Organize and track costs the way you define your organization	Not Supported	Some Support	Full Support
Summarize and drill down costs using meaningful aggregation (Compute, Storage, etc.)	Some Support	Full Support	Full Support
Aggregate Azure and AWS costs into a single dashboard	Not Supported	Full Support	Full Support
Use the same platform to implement cost savings	Manual	Not Supported	Full Support