Centralized Cloud Cost Reports

Now days IT teams—often Cloud Financial Operations (FinOps)—became more accountable for budgets and tracking spending. A solution that offers detailed multi-cloud spend reporting and insights in a single place is essential. It allows FinOps to sit alongside business units and more easily identify the right actions to optimize the cloud spend across the entire multi-cloud ecosystem. HCMX’s cloud dashboard is specifically configured for tracking offering and subscription related stats across the enterprise-wide IT ecosystem. Most commonly required metrics are all tracked OOTB within the pre-configured dashboard, which can be further customized according to specific business/IT requirements.

HCMX also offers both tagging and filtering capabilities within the cloud reporting (including for AWS and Azure):

- **Tagging** helps you assign cloud resources to a label—anything from tenants and groups to IT resources like virtual machines and databases. This way, you can quickly identify the exact usage for every created tag.
- **Filtering** needs to allow for deep slice and dice actions to parse the data and identify crucial insights. HCMX provides filtering in an easy to navigate and easy to interpret graphical interface.

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**Multi-Cloud Cost Management and Optimization**

Essential ways of providing tremendous savings benefits by helping IT drive down public cloud costs and other related expenses—with Hybrid Cloud Management X (HCMX)

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**Hybrid Cloud Management X (HCMX) at a Glance:**

- **Centralized Cloud Cost Reports:** Detailed multi-cloud reports with filtering and tagging
- **Auto-Generated Recommendations:** Reserved instance management to proactively optimize cloud spend
- **Cloud Spend Controls:** Thresholds, alerts, notifications, and templated filters
- **Budget Management:** Financial module; mapping subscription chargebacks to cost centers
- **Cost-Optimization from Start to End:** IT pre-selected offerings, easy self-service, and access controls

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Essential ways of providing tremendous savings benefits by helping IT drive down public cloud costs and other related expenses—with Hybrid Cloud Management X (HCMX)
Detailed reporting can help you identify and shut down resources not in use, identify the biggest spenders, and find opportunities to cut cloud costs, or take advantage of expanding the use of resources that provide the net positive value.

**Auto-Generated Recommendations**
Blindly following established procedures is often a massive mistake. Don’t let months or years of overpaying—when you wouldn’t have to—be on your shoulders. What if you could gain a peace of mind by leveraging auto-generated recommendations for reserved instance management?

**Cloud Spend Controls**
Surprise bills and cloud overspending. Let it become a distant thing of the past, by using HCMX cloud spend guardrails. Alert stakeholders as soon as costs go out of control with spend ceilings for public cloud accounts and subscriptions:

- Set spend thresholds for public cloud accounts
- Alert/Auto-notify users when spent is close to or exceeds the threshold

In the expense lines you can track the financial transactions between cost centers. When a subscription is requested and fulfilled, then the consuming cost center gets debited, and the IT cost center gets credited. Navigating to subscriptions also allows us to view the projected expenses. This is based on the duration of subscriptions, which allows for making accurate budget predictions. Visual charts help track used vs. allocated budgets over time so that adjustments can be made, further helping the organization make cost-effective decisions; not only on a one-time basis but dynamically and consistently even over bumpy, non-standard periods of time when lowering or raising specific budgets is crucial for optimal business performance.
Cost-Optimization from Start to End

Besides the cost management modules presented above. We are aware, that often, proper cloud spend management is not as easy as tracking, monitoring, and budgeting. Cost-effective principles need to be “built into the system”. Only that way will your users of cloud services and your IT be fully mindful of helping your organization make most cost-effective decisions. Let’s take a closer look at how HCMX assists in the process—step-by-step:

1. Make available pre-approved, cost-effective offerings:

   Within HCMX’s multi-cloud image aggregation (over 10,000 images from AWS, Azure, GCP, vCenter) you can not only create a single centralized IT catalog in one of—if not “the”—fastest ways possible, but IT admin can also very easily and quickly make any offering available to users by first pre-selecting the regions and instance sizes that are exposed to the end-users. Here, IT can view the cost configuration table to easily select and facilitate IT approved consumption of resources that fit the budget.

2. Make it refreshingly easy for users to follow the protocol

   We have not yet addressed cloud usage and its related spend from the perspective of end-users—the actual consumers. It is not at all uncommon for users to be frustrated with the limited catalog of offerings, slow-paced delivery, or difficult to navigate process of requesting and receiving the required resources. Sometimes this results in cloud crawl. This is why HCMX tackles this trio of challenges all at once.

   Engage your users with a centralized self-service portal that has the feel of a public cloud application library. Users can browse, search, or interact with a virtual agent that uses natural language understanding and provides 24x7 automated assistance to off-load IT admins. Usage of cloud and on-premises services is supervised with the help of context-sensitive governance rules that work everywhere. In addition, users also get a view of pricing information upon requesting a resource.
Users don’t have to wait on IT to get what they need, while IT retains complete control and can ensure proper access and compliant usage of services throughout the enterprise hybrid IT landscape.

3. Apply access controls— for the “just in case” scenarios
Despite all of the above, it goes without saying that another feature is needed—access controls! Frequently, this means that an organization will require another tool, one more solution to ensure that proper guardrails are in place. Not so with HCMX. Here, the governance controls that include multi-level approval flows are built-in and ready to be implemented. This means, for example, that if a user wants to request services that exceed a specific price amount, the request must first be approved by one or more people in the organization. These flows can also be applied for requesting an update to the existing service that may incur higher costs.

Multi-level approval flows can be easily configured in HCMX’s task plan.