Tag Analytics

Tag-based cost allocation involves analyzing and associating the costs with specific categories (e.g. department, projects) to provide cost visibility allowing asset management, security, and compliance tracking. Once a resource is tagged either in the providers' console or from the Cloud Management Platform, the cost associated with this resource is reported by this dashboard page. This enables you to organize your resources in a way that is independent of the deployment relationships.

- Only resources that are tagged are considered. Resources that are not Tagged are excluded.
- The Server metadata or Resource metadata information captured using the providers' tagging functionality is also excluded from this report.
- All costs displayed in this dashboard are excluding taxes (if any).
- If there are multiple VMs with the same Tag and Values, then the values displayed are of cumulative usage. Hence the usage calculated based on the Tags may not match with the Account level usage.
- The filter criteria, Dashboard access, Dashboard Rules, frequency of updates is similar to the Executive Dashboard.

Resource Cost by Tags

View the costs of un-tagged resources and take action to identify the owner. Only resources that can be uniquely identified and has a cost during the selected period are displayed in this graphical report. The resource label is a combination of the resource ID, resource name (wherever available) and the provider's name. Resources that cannot be uniquely identified but have a cost associated is clubbed together and labelled as "Others--Provider's name".

Tag Cost Trend

View the historical cost trend of resources based on a particular Tag key -value pair selection. This report considers all resources Tagged based on the tagging standards in your organization and provide insights cost effectiveness.

The cost of resources that are 'Not Tagged' are excluded from this cost data represented on this page.

VM Count By Tag Key

The count of VMs grouped according to the organization’s tagging schema will be displayed allowing the IT team to immediately identify whether their infrastructure requires adjustment. For the selected Tag key, the report displays the number of instances for each of the associated Tag Values.

What is Included:

- Only resources that are tagged are considered.

What is Excluded:

- IaaS Resources that are not Tagged are excluded.
- SaaS resources are excluded.

VM Cost By Tag Key

Tagging provides an efficient way to track and organize your resources based on the cost. For the selected Tag key, the report displays the cost of instances for each of the associated Tag Values. Thus, tags help to analyze your virtual machines cost to reflect your own cost structure.

What is Included:

- Only VMs tagged are considered.

What is Excluded:

- IaaS Resources that are not Tagged are excluded.
- SaaS resources are excluded.

When a cloud resource is associated with a particular tag for a few days and then associated with another tag with the remaining days in the month, and tag switch happens at midnight, the cost of the resource is split accurately between the two tags. If the tag switch happens during the day, there are scenarios where the cost of that particular date is not split accurately.

Similarly, when VMs (with tags associated) are powered off during the weekends, the cost for a tag currently considers the cost for the entire period and not just the cost of the weekdays. This is proposed to be fixed in the upcoming releases.

Instance Type/Flavour/ Size By Tags

Different providers offers different instance families to choose from and a variety of sizes for each instance type.For optimal resource allocation, analyze the cost of different types of Instances based on the associated tags.

The cost of resources that are 'Not Tagged' are excluded from this cost data represented on this page.

Product Cost By Tags

Analyze the cost of infrastructure services based on the resource tags and identify the cost drivers mapped to different business perspectives.

What is Included:

- Only resources that are tagged are considered.

What is Excluded:

- Resources that are not Tagged are excluded.

Resource Count by Tags

Tagging as many resources as possible sheds a lot of light on which resources are driving what costs from the numerous departments, projects, or teams your organization might be running. There are assets that can be very challenging to tag, such as AWS EBS volumes, and RDS databases, for example. This widget displays the actual number of resources missing a tag and enables actions to enforce the tagging policy within your organization.

Cost of Un-Tagged Resources

Cloud resource tagging holds great potential and promise, yet currently it isn’t as intuitive, usable and practical as cloud consumers would hope. Yet a frequent reality for many companies is that tagging policies and procedures are not adhered to in a consistent manner (if at all). This widget displays automatically which resources have not been tagged and their associated costs. Enforce stricter tagging policies to make user groups accountable for the cloud costs.