Cost management> Advisor recommendations

Advisor recommendations: Cost optimization is a continuous process and must be integral part of all the solutions using cloud azure.

Cost optimization works on the below 3

1. Optimization
2. Visibility
3. Accountability

Click on the Cost management>Advisor recommendations

They can be categorized by the below options

- Subscriptions
- Resource group
- Resource types

They are categorized by the impact levels like high, medium, low. You can download this data as a csv or pdf format. Recommendations include like below

- Resizing a virtual machine
- Delete public ip not associated to a resource
- Buy virtual machine reserved instance to save money
- Delete express route circuits which are not provisioned
- Unused/Empty data explorer clusters

Provides the saving cost based on the yearly review and the report can be downloaded.

Also, there is an option in the Advisor recommendation, you can set an alert on the subscription level or the resource level. For example, to track the cpu of the vm which are less than 10 % used is the potential candidate for the finops to reduce the cost

Cost management> Cost Analysis

The cost analysis is like a tool to review the insights of the cost occurred and better analyze on the spending costs. The cost can be breakdown by the below service

1. Subscriptions
2. Resource groups
3. Services

There are below customizable vies for have a look at the each

- Accumulated costs
- Cost by resource
- Cost by service
- Daily costs
- Invoice details

When you go to the setting tab, You can set alert based on the requirement on the subscription. You can also have the below services to look into it if required

- Access control
- Tags
- Policies
- Resource locks
- Subscription limits
- Advisor settings
- Activity log

You can work it out based on what's required to above parameters to manage the cost

Cost management> Cost Alerts

Mainly this is used for creating the Alert for the cost spend. The cost alert is mainly created for the azure subscription which we have. here are below parameters to check on the alert rule

- Alert Type > Anomaly>Reservation Utilization
- Start on
- Subject
- Recipients
- Language
- Alert name

This is the alerting mechanism used for the generate the alert

Cost management> Budget

You can use this to set the budget for the specific project and should not cross the limit. The budget details include the below field

- Name
- Reset period
- Creation date
- Expiration date
- Amount
- Alert condition
- Alert recipients
- Language preferences

Based on the above parameters the cost can be traced based on the utilization and you can set the % of the cost utilized. This can be used for the forecast options for the project cost .