Cloud Cost Optimisation

Summary

Many customers move to Azure with cost savings in mind but when they start to receive their monthly bills it can sometimes be a challenge to understand where the costs are coming from. The charts available in the Azure Management portal provide a high level overview however risual has recognized the need to provide visibility of the charges in a simple, easy to understand format with additional granular detail.

To address this, risual has developed a set of reports and dashboards utilising the Enterprise Agreement Azure Management portal to provide reactive, proactive and interactive views displaying an essential breakdown of where costs are incurred. These reports and dashboards provide our customers with visibility of costs to manage their Azure consumption more effectively and understand at a resource level where savings could be made; thus, providing our customers with the tool set to gain greater control managing consumption and costs within Azure, utilising PowerBI to provide real time and future predictive costs.

The risual Cost Optimisation Solution provides the level of governance required, allowing you to monitor all your organisations resources in Azure and provide true costs and consumption. In addition, utilising PowerBI, the service provides our customers with the ability to view a detailed cost breakdown distributed across cost centres based on consumption, alignment to business needs and with the ability to understand cost of service across departments. risual will work collaboratively with customers to monitor trends over a period to provide insight when to scale up and scale down appropriately, ensuring the best possible value from their investment in Azure is achieved and ultimately provide a predictable cost analysis model.

Benefits

- Ability to identify large costs early
- Understand costs and usage
- Control and stop unexpected Azure spend
- Ensure services are running at optimal pricing
- Supports the reduction in the operational cost of IT
- Fully realise the cost savings without impacting performance

Bill of Materials

Component Name	Description	Delivered By
Azure Optimisation Report Pack	risual Managed Services developed Reporting pack offering, addition - implementation of the recommendations added to the standard reporting pack for potential optimisation and cost saving that could be made. Monitoring of the changes and analysis of the performance to ensure no changes have impacted overall usability.	Managed Service Department (rMS)
Azure Optimisation RRD	risual Managed Services developed Reporting pack offering, addition - recommendations added to the standard reporting pack around potential optimisation and cost saving that could be made.	Managed Service Department (rMS)
Azure Optimisation Implementations	risual Managed Services developed Reporting pack offering, addition - implementation of the recommendations added to the standard reporting pack for potential optimisation and cost saving that could be made. Monitoring of the changes and analysis of the performance to ensure no changes have impacted overall usability.	Managed Service Department (rMS)

Delivery Plan

1) Day 1: Information Gathering and configuration

Initial information gathering to setup and configure the reports. rMS will work with you to ensure all information required is gathered promptly and the service can get underway without delay.

2) Day 2-3: Report testing and confirmation

Testing and delivery of reports to you. We will confirm that information is displaying correctly and accurately. The reports will be shared with end users to ensure they can retrieve them effectively and manipulate them to suit their needs. We can also customise the reports should you find there are some specific requirements the standard pack does not facilitate.

3) Day 4-5: RRD

rMS will undertake a cost analysis using the report information gathered. Using on the ground expertise and latest product knowledge recommendations around the right-sizing resources will be provided. In addition, if we monitor the infrastructure for clients rMS is able to use the performance data gained to accurately advise if instances can be downgraded or if cost saving initiatives such as Reserved Instances, Dev/Test labs, Power downs, Hybrid Benefit or PaaS migration would be of benefit to you.

4) Day 6-10 onwards: Implementation and Evaluation

If available rMS will work within your change management controls, alternatively we can provide our own framework to implement and evaluate the proposed changes from the RRD. rMS will actively work with service owners to minimise downtime and disruption for end users. With the foundations in place the recommendations and implementations will be continuously reviewed with Service Delivery Managers at regular intervals to ensure you maximise the cloud investment to its full potential.

5) Outcomes

For many the most dramatic change to a cloud computing model is the impact of a consumption-based charging model. Coupled with the continual improvements in service there is a need to continually monitor cost and optimise Azure usage.; The Optimisation service can help customers achieve costs savings in excess of 30% and continue to optimise cost through the lifecycle of our managed service providing recommendations using our monitoring and reporting using bespoke risual toolsets.