IBM

Workload analysis for migration to a cloud environment

Make analytics-based decisions for a faster transition to the cloud

Highlights

- Helps accelerate adoption of your cloud strategy by enabling improved decision-making capabilities

- Provides a prioritized view of the workloads that can be moved to your target cloud(s)

- Delivers a quantitative operational cost analysis for migrating workloads to the cloud

To accelerate adoption of your cloud infrastructure strategy, you need to identify those workloads that will best fit your targeted cloud environment while also giving you a good return on investment. You also need a structured approach to analyze each individual workload in a timely manner.

IBM Workload Transformation Analysis for Cloud uses our IBM Research-developed patent-pending analytical tool and methodology to produce a detailed, quantitative analysis of both business applications and infrastructure components. From this, we can deliver a prioritized list of suitable workloads for migration to cloud as well as an analysis showing the potential costs and migration impacts. IBM has used this same tool and methodology in our own cloud migration initiatives, narrowing a list of more than 9,500 applications from around the world to those that were best suited for our target cloud. Following our structured approach can enable you to prioritize migration of those workloads, which can help you realize the advantages of cloud computing more quickly.

Helping accelerate adoption of your cloud strategy with improved decision making

Using our established methodology and robust analytical tool, we can provide you with the detailed information you need to make educated decisions about the best workloads to move to a target cloud environment(s). We use analytics, experience and structured workshops to review and analyze your data based on your current environment, nonfunctional requirements and your cloud strategy. Our solution feeds the data through our analytical tool to help develop a focused list of

workloads. We then further refine the list, using our knowledge based on many cloud implementations and your nonfunctional requirements. This can reduce your analysis time by up to 66 percent more than if you analyzed the data manually.[1] Applying our methods and tool can facilitate a quicker implementation of cloud technology, ultimately helping you reduce costs and improve service delivery.

Providing a prioritized view of workloads for successful migration to cloud(s)

We use our tools and methodology to provide a granular, quantitative analysis of both business applications and infrastructure components to help determine your cloud fit. The workloads are examined and filtered based on the agreed-upon criteria and the workloads' affinity to the target cloud environment defined in your cloud strategy. We can also identify potential migration impacts of each workload, enabling you to better prepare for the process.

Delivering a cost analysis for workload migration to cloud

We use your data to develop a cost analysis that can help you understand the operating costs of a given workload on a target cloud. Using our analytics, we can provide you the operational cost data you need to begin creating a business case and also to give you an understanding of the migration difficulty of your workloads.

Why IBM?

IBM can provide an objective, quantitative analysis using our patent-pending analytic tool and tested methodology to help you determine the workloads that can meet your requirements in your targeted cloud and give you the operational cost benefits when moved to the cloud. Using our in-depth, first-hand consulting and implementation experience with numerous cloud engagements, we can deliver the insights you need to make better strategic decisions about which workloads to move to the cloud.

For more information

To learn more about IBM Workload Transformation Analysis for Cloud, please contact your IBM marketing representative or visit the following website: **ibm.com**/cloud-computing/us/en/consulting.html