

DMJ Engineering Program Tooling

Workload Assessment Tool Overview and Guidance

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Overview of Tool

- Provides suggested "best fit" target platforms, cloud readiness and application/database remediation level for a given workload based
- Calculation is based on a set of 41 questions across 12 categories
- Each of the 41 questions has a prescribed set of possible answers based on drop-down controls
- Built using Excel and VBA. Provides a simple, one-click calculation and report generation
- Greatly helps to accelerate large estate assessments by providing automated and uniform target platform decision process
- Generated report can be placed into assessment findings decks for migration assessment engagements
- Can provided structured approach and process for customer migration workshops



Report Considerations

Target platforms considered include:

On-Premises

- · SQL Server
- · SQL Server On Linux

Azure

- SQL Server laaS
- SQL Server On Linux laaS
- · Azure SQL DB
- · Azure SQL DB Elastic Pools
- · Azure SQL Managed Instance
- · Azure SQL Data Warehouse

Application and Database Level of Remediation Levels include:

- · Very Simple: App and database can be moved into target workload with minimal translation and re-write
- · Simple: Some application code updates and database object conversion
- · Moderate: Data Access Layer re-work on application, non-trivial database object conversion
- Extensive: Substantial application code re-writing and data access layer code updates. Plus substantial database object conversion and translation.



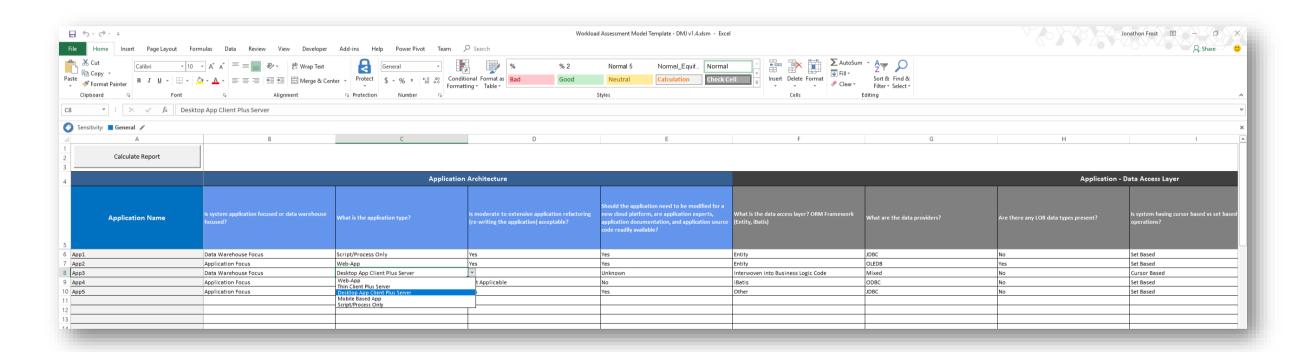
Calculation Methodology

- For each workload, at the start of the calculation process, it is assumed any platform is possible
- Each question will impact the predicted feasibility of each target platform and update the overall feasibility of a given target platform for a given workload
- The same logic is used for remediation as well. The tool assumes at the start that the workload will be a lift and shift, then as it runs through the question analysis, the overall remediation will be increased based on the answers to certain questions.
- The lower the number, the more feasible that platform is
- Calculated numbers range from 0 (most feasible) to 3 (least feasible)



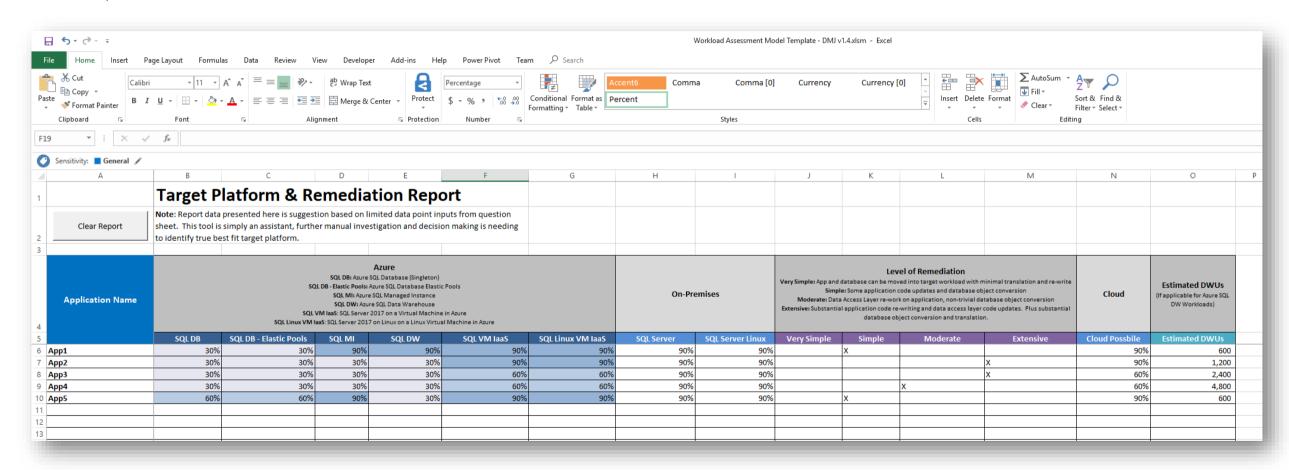
Question Sheet

Example Screen Shot



Automated Findings Report Dashboard

Example Screen Shot



Project Plan Schedule

(Note: dates are estimates only)

