5 Step guide to drive out cost from your Application Portfolio
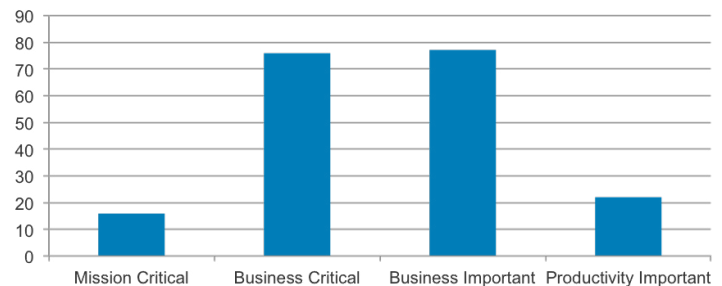
Identifying areas to take out cost from your IT budget is the top priority of many IT organizations today. Rapidly-changing business demands, including digital business initiatives, mergers and acquisitions, delivering IT as a Service or data center consolidation require taking a fresh look at your application portfolio. IT organizations need to align their investments with these changing business requirements to capitalize on opportunities to increase market share and grow top and bottom line revenue. With more than a decade of application transformation success, and thousands of application transformation initiatives, Dell EMC has developed this 5 step approach to drive out cost from your Application Portfolio.
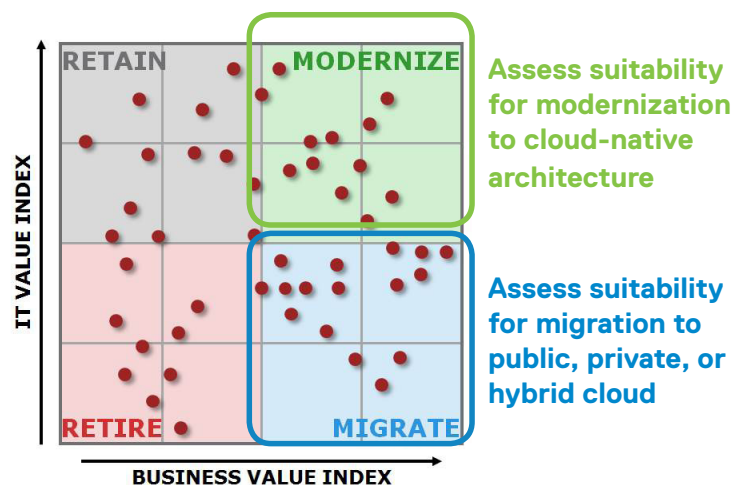
1. Business classification

Business classification identifies and weighs critical business priorities. The result is an accurate view of the importance of your business application portfolio and you are armed with the information needed to right-size your infrastructure investments and reduce operational costs.

Applications

2. Disposition analysis

Disposition analysis looks at both business and IT alignment to determine how best to invest in each application. The four investment categories used for traditional applications are build new/modernize, migrate, retire or retain. Applications that align with modernize include those that provide high value to the future plans of the organization and offer low risk. Applications that are tagged to be migrated are running on outdated technology or are being offered by high risk vendors. You will want to retire applications that may have weak or missing business functionality or run on a weak technology platform. Finally, there are applications that you will want to retain as they are inexpensive to run. All of these characteristics are tied to a rules engine, automating and reducing the time and resources required to provide you with an analysis tailored to your organization.
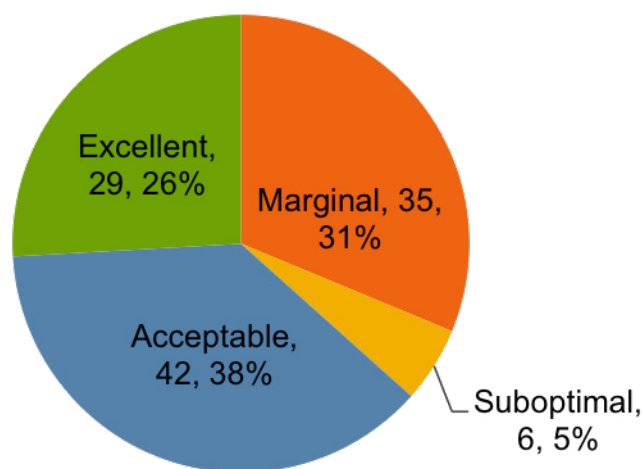

Assess suitability for modernization to cloud-native architecture

Assess suitability for migration to public, private, or hybrid cloud
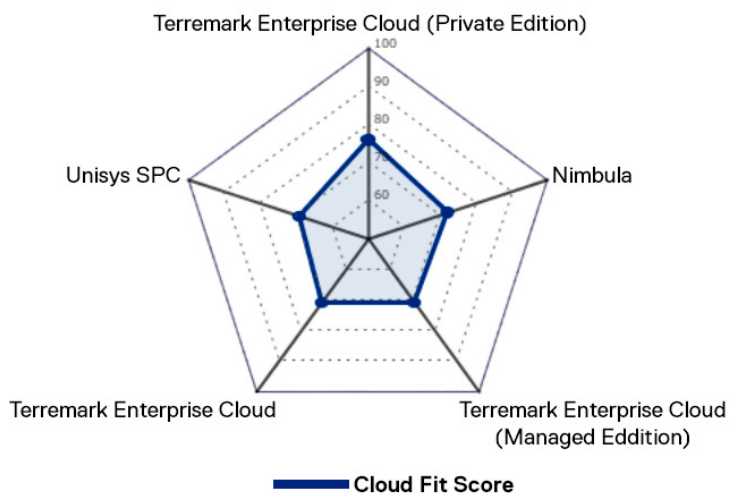
3. Cloud suitability

Cloud suitability answers two critical questions. Which cloud option is best suited for my application and how readily will the application move to the new cloud platform. Leveraging findings from disposition analysis, we dive more deeply into application workload characteristics to determine the best cloud model; public, private or hybrid. A weighting of business and technical rules is applied and combined with a composite workload suitability score resulting in a Cloud Fit Index rating. The index ranges from Excellent – indicating that a choice of cloud options will be suitable and the level of effort required to move to the cloud is minimal; to Poor – designated as unfeasible or not cost effective to move to the cloud. Aggregating results across the application portfolio provides a powerful strategic plan for future cloud computing.

Results for 108 Applications

Excellent, 29, 26%
Marginal, 35, 31%
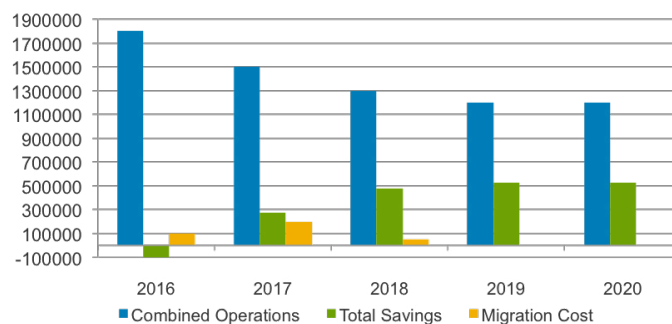Acceptable, 42, 38%
Suboptimal, 6, 5%

4. Cloud placement

We continuously monitor the cloud service provider market to stay abreast of new cloud offerings and services. Armed with these current profiles, we identify the best cloud platform for workloads and we follow through with a detailed bill of materials for each.

Terremark Enterprise Cloud (Private Edition)
Nimbula
Terremark Enterprise Cloud (Managed Eddition)
Terremark Enterprise Cloud
Unisys SPC

Cloud Fit Score

5. Business case

To help make the best business decision for the application portfolio, we must add a financial analysis to provide us with a view into the total cost of ownership for the application. The final application portfolio transformation roadmap can be built once we factor in the business case for the application portfolio being analyzed.

■ Combined Operations ■ Total Savings ■ Migration Cost

Next steps

For more information on how Dell EMC can help you transform your application portfolio visit:

http://www.emc.com/en-us/services/professional-services/application-transformation-bundle.htm

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