

An aerial photograph of a winding asphalt road that curves through a dense, green forest. Several cars are visible on the road, including a blue car, a white car, and a red car. The road has white dashed lines and a solid white line on the edge. The forest is lush and green, with some trees showing autumnal colors.

Cloud Adoption: HOW TO GET THERE

The questions to ask on the journey to the Cloud



I New Roads To Efficiency And Agility

Any business with a forward thinking approach is trying to define the most efficient approach to new deployment models (colocation solutions, software-defined services, private cloud, hybrid cloud, public cloud etc.), which will ultimately lead to increased business agility and IT efficiency while lowering operating expenses, cost optimization.

Cloud Transformation is a journey; it takes time and patience.

In this eBook we will address the five stages of Cloud Adoption. Typical Journey starts with a compelling event or a business case.

Those Stages are:



1) Experimentation

The organization is trying to understand how the cloud works with the key being how to demonstrate success with technical expertise.



2) Foundation

This stage is building foundations towards migrations stage. In this stage, the objective is to build foundations to develop, test, deploy, to monitor and maintain.



3) Migration

In this stage, bulk of the IT portfolio is being move as batches starting from least difficult ones. This stage is the most challenging part and needs cooperation and collaboration across number of different tams in the organization.



4) Transformation

This is the stage where IT is transforming itself and the business to grow, optimize processes and enable revenue.



5) Optimization

This is the stage where optimization and maintaining the cloud footprint occurs. Typical activities are optimizing cost, optimizing service management and customer satisfaction, optimizing infrastructure, optimizing enterprise and application management.

Next, we'll discuss the architectural pillars used when designing solutions.



I Designing solutions for Business Need

When designing solutions, we make trade-offs between pillars based upon business context, these business decisions drive engineering priorities. Such as to optimize and reduce cost at the expense of reliability in development environments, or for mission-critical solutions we might optimize reliability with increased costs. In order to achieve this vision following pillars selected for each stage and phase.

Security

The ability to protect information, systems, and assets while delivering business value through risk assessments and mitigation strategies.

Reliability

The ability of a system to recover from infrastructure or service failures, dynamically acquire computing resources to meet demand, and mitigate disruptions such as misconfigurations or transient network issues.

Performance Efficiency

The ability to use computing resources efficiently to meet system requirements and to maintain that efficiency as demand changes and technologies evolve.

Cost Optimization

The ability to avoid or eliminate unneeded cost or suboptimal resources.

Operational Excellence

The ability to run and monitor systems to deliver business value and continually improve supporting processes and procedures.

Next, we'll take a look at the Focus Areas for introducing a cloud migration.



I Focus Areas for Cloud Adoption

Cloud computing introduces a significant shift in how technology is obtained, used, and managed. It also shifts how organization budget and pay for technology services. Cloud adoption requires that fundamental changes be discussed, considered across the entire organization, and — both outside and within — support these changes.

Therefore, following Focus Areas need to be considered.

Business Focus Areas



BUSINESS VALUE

A business model that integrates IT strategy that is agile and aligned to support business outcomes and it can adjust to business needs or technical capabilities as they change.



PEOPLE

HR and people management prepare teams for cloud adoption by updating skills and organizational processes to include cloud-based competencies.



GOVERNANCE

Integrates IT Governance and Organizational Governance. It provides guidance on identifying and implementing best practices for IT Governance, and on supporting business processes with technology.

Technology Focus Areas



PLATFORM

Design, implement, and optimize architecture based on business goals and objectives. Provide strategic guidance for the design, principles, tools, and policies.



SECURITY

Selection and implementation of controls that meets organization's needs.



OPERATIONS

IT Operations that you run, use, operate, and recover to meet the requirements of business. IT operations supports business operations from planning and sustaining, through change and incident management.

| Signs Your Ready to Move To The Cloud

The process to move to the cloud can be daunting, even when the benefits are quite clear. But the question remains, should you move to the cloud? The answers are different for all organizations, here are ten signs that your company is ready and will benefit from making the move.

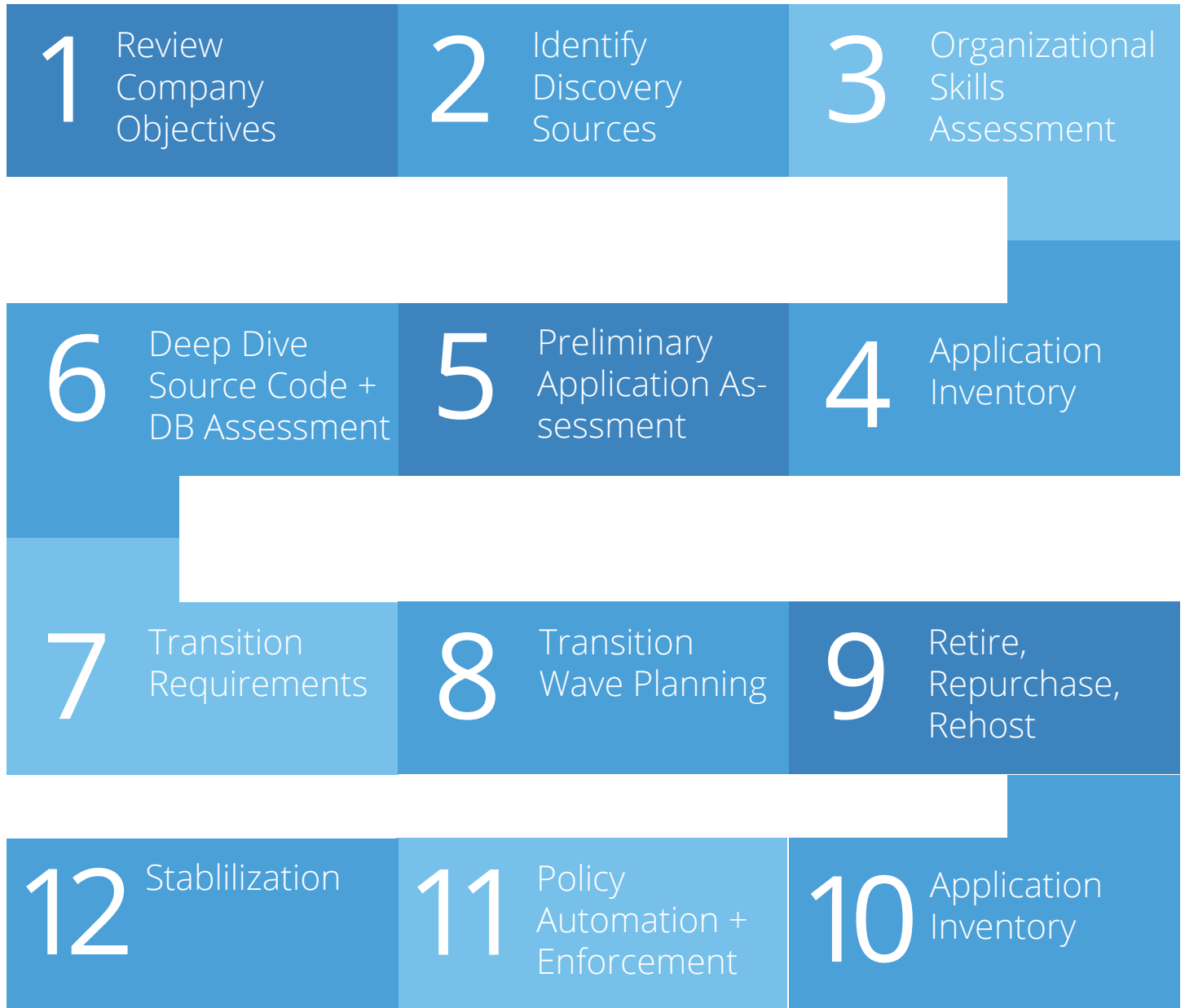
- 1. Your network is aging and you're approaching a major server refresh/upgrade project.**
- 2. You've been putting off purchasing another expensive server(s) because your outdated software and legacy systems will no longer be compatible.**
- 3. You're aware that your current servers are underutilized and costly to maintain and keep cool and secure in your office.**
- 4. You've experienced data loss or viruses due to manual maintenance processes and lack of reliable backup systems.**
- 5. Your internal IT staff is too busy troubleshooting user and hardware issues and can't find time to focus on value-added projects or strategic planning.**
- 6. You anticipate continual business growth and will need affordable storage expansion on demand.**
- 7. You're increasing number of mobile "road warriors" need easy access to critical business files from home offices and remote locations while traveling.**
- 8. Your network in its current state would not comply with industry security standards.**
- 9. You recognize the value IT provides and the financial benefit of shifting IT costs from a capital expense to operational expense.**
- 10. You understand the competitive advantage of adopting the latest technologies to meet demands of clients, prospects and partners.**

Is your company ready? On the next page see the review of the journey for your business to the cloud



The Cloud Journey

A successful migration lies in a well-defined, phased, and iterative approach that not only streamlines the process but also accelerates the outcome.



Are You Ready?



Get a complimentary Cloud Cost Analysis

We'll help you gain a clear understanding of how a migration to the cloud can accelerate and streamline your business.

Request your complimentary Cloud Analysis



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