Every IT manager knows the value of a fast, reliable and secure platform—that’s why the cloud is a new foundation for digital transformation. But what are the industry trends and data points on how companies are adopting the cloud? Learn about the different strategies companies are implementing to migrate their infrastructure, and how you can take action to stay competitive.

01

**Cloud is in hyper-growth mode**

With the public cloud market projected to hit $191 billion by 2020, the cloud is growing exponentially and is expected to remain a dominant compute platform for businesses in all verticals. The adoption of cloud computing is increasing at a rapid pace, indicating an alluring cloud computing future.

02

**Nearly half of IT budgets will soon go to cloud-based models**

On average, 43% of total annual IT budgets will be allocated to cloud-based procurement/management models by 2018. Cloud adoption is anything but a one-size-fits-all model, and all categories of public cloud, enterprise private cloud and hosted private clouds are projected to grow quickly.

03

**Three out of four IT leaders have become more confident in cloud security**

In an MIT study surveying 500 IT leaders, 74% have responded with increased confidence in cloud security in the last two years. These leaders are now more confident than ever about an organization’s ability to implement and maintain the most advanced security measures.

04

**Integration with other systems and security remains the biggest challenge**

According to a recent Harvard Business Review Analytic Services study, 51% of enterprise business managers agreed that the biggest obstacles to cloud migration remain integration issues and security. Whether the migration is from on-premises or another public cloud, planning how and when workloads should be moved to prevent downtime or security issues can be complicated.

05

**Make migration seamless by partnering with our experts**

The following discovery steps are best practice:

1. **Assess and analyze**
   - Evaluate your current environment
   - What are your needs and dependencies?
   - What does performance look like right now?
   - What would cloud optimization and costs look like?

2. **Option A: Pilot your first migration**
   - Select a non-critical application representative of common architecture patterns in your environment.
   - Migration team should note the key takeaways, especially on skills needed and features of cloud platform architectures.
   - Based on learnings, establish a roadmap for education, partner engagement and internal resourcing to scale the migration.
   - Work with us on the roadmap based on specs and requirements, such as app mapping, cloud modeling and financial mapping.

3. **Option B: Plan and design**
   - Carefully determine the level of complexity and effort.
   - Weigh pros and cons of which workloads to migrate. Are there any that would be better left alone vs. migrated to the cloud?
   - Work with your partner on the roadmap based on specs and requirements, such as app mapping, cloud modeling and financial mapping.
   - Based on ROI, which solution works best for your company at this time?

4. **Execute migration**
   - Start with lift & shift, as you can rehost the application or environment without changing your existing code or architecture.
   - Consider adopting a cloud-based "dev/test" use case.
   - For a more future-forward approach, consider containers (Google Container Engine, powered by Kubernetes).

Make migration seamless by partnering with our experts. The following discovery steps are best practice:

1. **Assess and analyze**
   - Evaluate your current environment
   - What are your needs and dependencies?
   - What does performance look like right now?
   - What would cloud optimization and costs look like?

2. **Option A: Pilot your first migration**
   - Select a non-critical application representative of common architecture patterns in your environment.
   - Migration team should note the key takeaways, especially on skills needed and features of cloud platform architectures.
   - Based on learnings, establish a roadmap for education, partner engagement and internal resourcing to scale the migration.
   - Work with us on the roadmap based on specs and requirements, such as app mapping, cloud modeling and financial mapping.

3. **Option B: Plan and design**
   - Carefully determine the level of complexity and effort.
   - Weigh pros and cons of which workloads to migrate. Are there any that would be better left alone vs. migrated to the cloud?
   - Work with your partner on the roadmap based on specs and requirements, such as app mapping, cloud modeling and financial mapping.
   - Based on ROI, which solution works best for your company at this time?

4. **Execute migration**
   - Start with lift & shift, as you can rehost the application or environment without changing your existing code or architecture.
   - Consider adopting a cloud-based "dev/test" use case.
   - For a more future-forward approach, consider containers (Google Container Engine, powered by Kubernetes).

Make migration seamless by partnering with our experts. Talk to our experts to start planning the best-fit solution for your business.