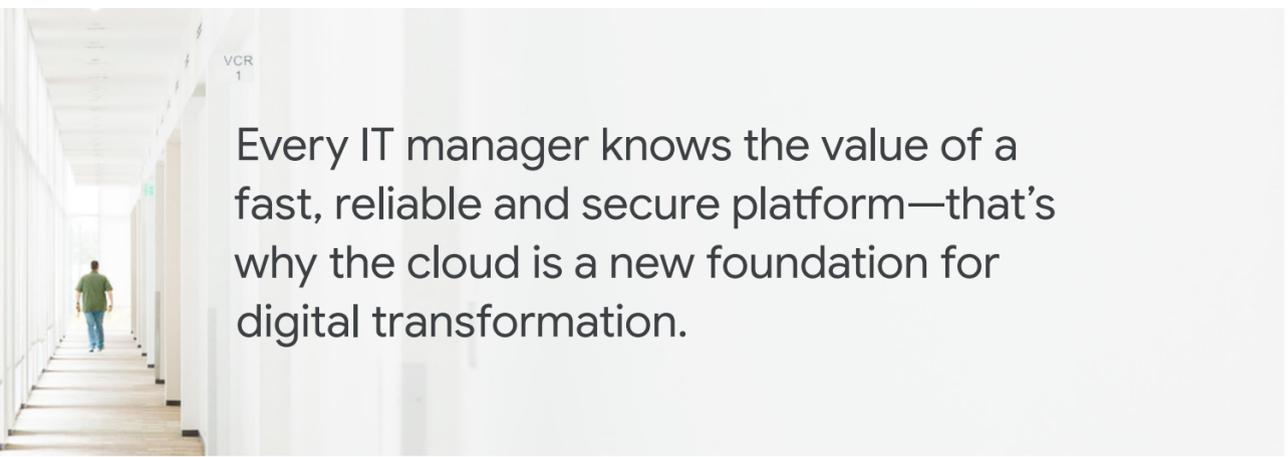# Planning for a Multi-Cloud World

With insights from Harvard Business Review and MIT

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 how companies are adopting the cloud? Learn the industry trends and different strategies companies are implementing to migrate their infrastructure, and how you can take steps to prepare.

1 **Cloud is in hyper-growth mode**
With the public cloud market projected to hit $191 billion by 2020, the cloud is growing exponentially by the time we reach the next decade. Investing in the cloud will become increasingly critical for businesses to ensure a competitive edge, as the market shifts towards the greater speed, scalability and efficiency that cloud computing offers.[1]

2 **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.[1]

3 **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.[2] IT leaders are leading the innovation around an organization's agility and speed, and cloud adoption is an essential driver.

4 **Rise of hybrid-cloud strategy**
85% of enterprises have a hybrid- or multi-cloud strategy, with applications running in both public and private clouds.[3] Realistically, many businesses evolve legacy systems to benefit from the cloud without completely throwing out historic investments.

5 **Integration with other systems and security remains the biggest challenge**
According to a recent Harvard Business Review Analytic Services study of enterprise business managers, 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.[1]

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

01 Assess and analyze

Get full visibility into your environment.

What are your needs and dependencies?

What does performance look like right now?

What would cloud optimization and costs look like?

02 Designing your migration strategy

Companies approach the first step in one of two ways: pilot your first migration, or focus on planning.

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. Based on learnings, establish a roadmap for education, partner engagement and internal resourcing to scale the migration.

Plan and Design: Carefully determine the level of complexity and effort of which workloads to migrate. Are there any that would be better left alone? Based on ROI, which solution works best for your company? Work with your partner on the roadmap based on specs and requirements.

03 Other considerations

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).

Ancoris makes migrating your workloads simple- Talk to our experts to start planning the best-fit solution for your business.

1 "How to Plan for a Multi-Cloud World." Harvard Business Review. April 2017.
2 "Survey Report: Behind the Growing Confidence in Cloud Security." MIT SMR Custom Studio. June 2017.
3 RightScale 2017 State of the Cloud Report.