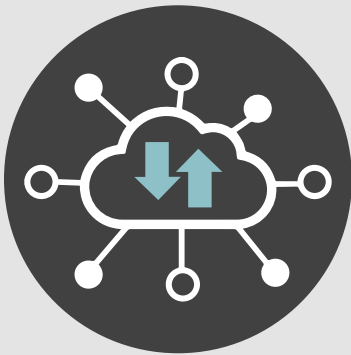


# 5 Steps for Successful Cloud Migration

## CHECKLIST



Cloud adoption has multiple drivers, including your aspirations to tap into better outcomes. Think greater flexibility and scalability, reduced maintenance effort and re-allocated infrastructure costs. And it can help you free up resources to focus on strategic business initiatives.

When done successfully, your migration to the cloud can give you quick access to a next-generation suite of technologies, streamline your resources and relieve the burden on your IT teams.

But to get the most value out of cloud, your first and most important step is preparation. Before migration happens, the completion of a business case analysis, a cloud-readiness assessment and the creation of a migration plan that aligns with your business priorities all need to happen.

## These five steps are essential for successful cloud migration:



### Cloud Program Readiness

- ✓ **Your business team needs to identify and quantify the possible positive impact of the cloud on the business in terms of:**
  - The shift of capital to operational expenses.
  - Cost savings.
  - Faster speed of deployment.
  - Better elasticity and more.

The point of establishing clear objectives is for the team to buy into and refer to them whenever decisions along the cloud assessment and adoption journey need to be made.

- ✓ **TCO and business case:** build a solid business case by comparing the cost of housing your applications on cloud to on-premises or a traditional hosting environment.
- ✓ **Clearly defined expected outcomes:** to measure program success accurately.
- ✓ **Cloud Center of Excellence:** focused on leading the organizational transformation throughout the cloud migration. Center of Excellence instills best practices for infrastructure, database and tools, drives change and inspires a cultural shift to innovation.
- ✓ **Change management and communication teams:** they help in seamless adoption of new technologies and processes.





## Migration Project Readiness



- ✓ This is an overarching process that involves organizational readiness, application discovery and application assessments. This initial step provides tangible insights that can be used to determine the significant role of cloud computing in strategic business and IT plans.
- ✓ **Assess and prepare the cloud adoption roadmap:** meticulous upfront planning and a thorough understanding of which workloads and applications to move and why, and which cloud(s) to move and how and when to move them.
- ✓ **Plan for migration process:** migrate workloads to cloud of choice through a standardized tool-driven framework.



## Resource Readiness



- ✓ You need to analyze the skill set needed to realize the business and technical benefits of cloud migration and whether your current workforce possesses these skills. Failure to understand how cloud adoption will influence the operational processes and business routines can make or break your migration. The team also needs to consider and plan funds for software licensing due to platform changes, staffing, tooling to manage the environment, etc.
- ✓ **People and skills:** lack of knowledge on the ever-changing cloud technologies and insufficient skill sets can lead to slow, ineffective adoption in the way of seamless cloud migration.
- ✓ **Tools and templates:** Work with IT, developers and engineering to figure out the technical aspects and requirements, plan the most suitable method of migration and learn who will be forced into downtime at various stages of the project. Compile all of this to plan realistic timing and checkpoints in the migration.
- ✓ **Availability of funds:** work with your finance team to work out long-term budget needs and rates of approval over the whole project.



## Application Readiness



- ✓ Your team should categorize and tag all applications, their existing interdependencies, technical complexities, etc. This will help outline a custom migration plan for each application in the portfolio. This initial application assessment should result in go/no-go decisions. This step also helps prioritize the steps in the migration process, such as which parts of the legacy system should be moved to the cloud first, what should be included in the next-stage proof-of-concept project and which elements should be pushed to a later phase in the process.
- ✓ **Cloud-ready:** are all the app dependencies, like third-party tools and integration middleware, ready to operate with the application being in the cloud?
- ✓ Cloud licenses for applications that will migrate.
- ✓ Version of the application compatible to cloud.
- ✓ Making sure SMEs are available and engaged.
- ✓ Functional testers available to validate the app in cloud.
- ✓ **Any app dependencies:** business, system integration or third party.



## Technical Readiness



- ✓ The cloud migration team needs to focus on the compliance, security and privacy concerns of the organization and its industry. These are imposed by external entities such as governments and other regulatory bodies and by the organization's own IT and legal departments. Analyze the limitations your organization has on data storage and processing, specific security features and the hardware or software required, then create complete and robust security policies for success post-migration.
- ✓ **Infrastructure assessment:** determine all relevant risks to the migration, including opportunity costs.
- ✓ Compliance needs as per industry regulatory bodies.
- ✓ Infrastructure requirements for security to be considered while planning security of data and governance of data access, and resource usage in the cloud.
- ✓ **Application test plans:** regular testing and sandboxing will allow your team to catch problems early and regroup or change direction before data is lost and progress is wasted.
- ✓ Installation scripts to help build out CI/CD pipelines.
- ✓ Latency and performance SLAs to continuously track performance on cloud.

Hitachi Vantara cloud experts can work with you to determine your readiness for cloud migration. Migration to the cloud is a business strategy rather than a mere IT strategy. It will give you a business-driven decision framework and an actionable roadmap.

[Get Started >](#)

Contact us today 1-858-769-1555 to speak to a Hitachi Vantara cloud expert and plan a successful cloud migration.

### Hitachi Vantara

Corporate Headquarters  
2535 Augustine Drive  
Santa Clara, CA 95054 USA  
[hitachivantara.com](http://hitachivantara.com) | [community.hitachivantara.com](http://community.hitachivantara.com)

### Contact Information

**USA:** 1-800-446-0744  
**Global:** 1-858-547-4526  
[hitachivantara.com/contact](http://hitachivantara.com/contact)

