



# Identification of Migration Requirements

## SUMMARY

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Building a solid plan for the workloads to be migrated was top priority because:

- Highlighting dependencies can prevent service degradation for end users
- Identifying maintenance windows for migration is crucial to minimize disruption
- Generating wins early and often in the migration process helps build and retain confidence
- Understanding which business processes are affected by waves helps teams plan migration timelines and potential rollbacks
- Consensus decision making is key to a successful wave migration plan, so teams unite to provide a smooth migration

## CHALLENGE

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- Organizations can have many applications that grow alongside one another and can form unknown dependencies on one another
- Business continuity targets, like RTO (return to operation, how long a service can be down without affecting business) and RPO (recovery point objective, how much data loss can be withstood) are not always well defined
- Prior to gathering migration requirements and understanding the applications, it is difficult to accurately project the costs of the cloud infrastructure and perform cost optimization
- Security of the applications in scope of migration must be accounted for, as the network was traditionally the security boundary on premises, and must be evaluated when entering the cloud

## SOLUTION

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- RTO and RPO for the organization were clearly defined and understood across the business through the use of standardized forms, filled out by business stakeholders
- Application groups were formed into migration waves that were functionally self-contained, allowing for smooth migrations
- Teams were brought together to determine the scope of their dependencies and to implement mitigation strategies or plan for these applications to be migrated in the same wave

**40%**  
Reduction in  
monthly cloud  
operating costs

**42%**  
Reduction in  
unused workloads