Managing Applications in a Multicloud World

Adopting a multicloud environment is both challenging and rewarding. Here's how to do it right.

Clouds are multiplying in state and local government agencies.

56%
Using multiple clouds
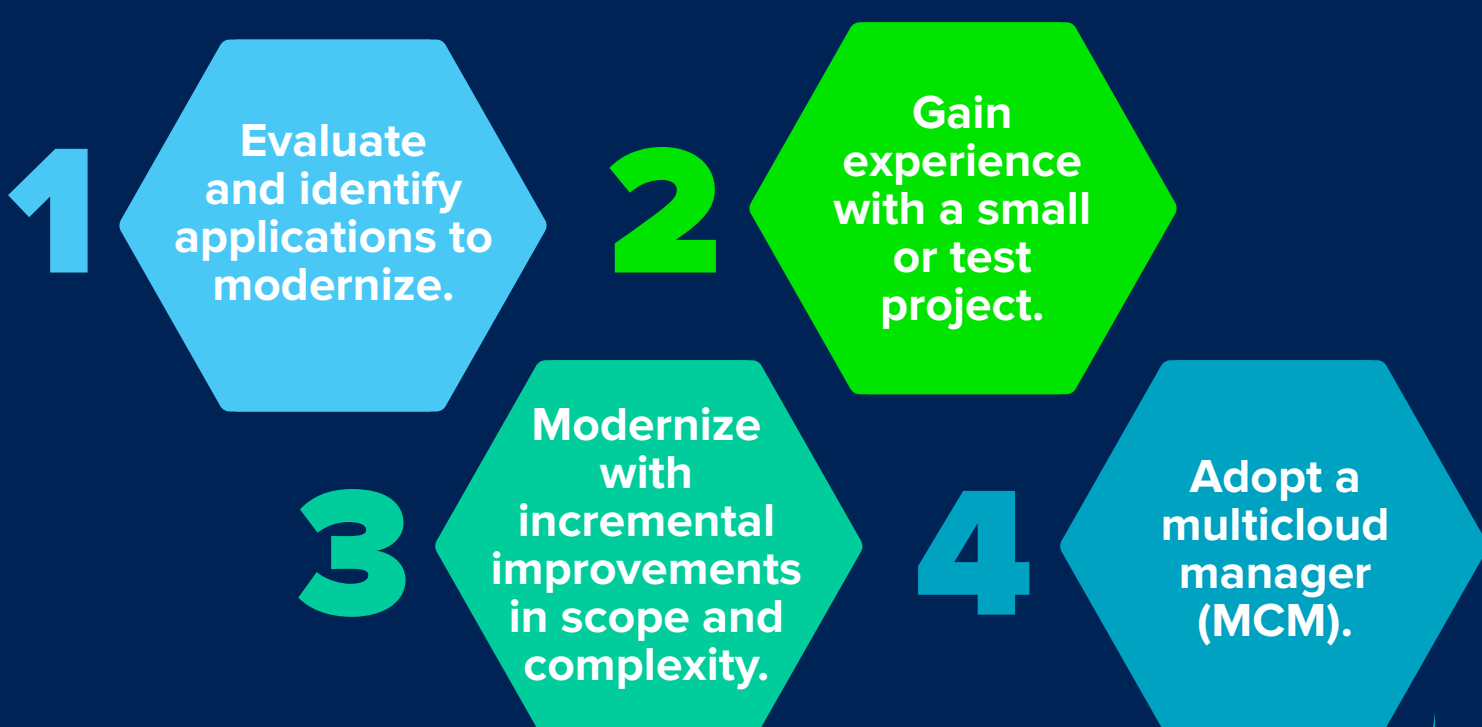
29%
Using three to five cloud environments

13%
Using more than 10 cloud environments[1]

But multicloud environments create challenges.

38% Interoperability

38% Data security

34% Working with multiple vendors

30% Lack of staff expertise

Steps to Manage Your Journey to a Multicloud Environment

1 Evaluate and identify applications to modernize.

2 Gain experience with a small or test project.

3 Modernize with incremental improvements in scope and complexity.

4 Adopt a multicloud manager (MCM).

What is a Multicloud Manager?

A multicloud manager gives you the ability to manage multiple data centers or clouds — public or private — as if in a single environment. An MCM simplifies and organizes large IT environments and helps reduce management costs, provides a choice in target environments, and improves security and governance.

What to Look for in an MCM

Not all MCMs are built alike. Look for an MCM that:

- Easily manages numerous container clusters in multiple clouds for complete cluster life cycle management in a single dashboard

- Incorporates consistent management, security and governance for your critical workloads

- Enables a predictive alert system, including automatic backup and disaster recovery options and workload transfers

- Allows you to set and extend compliance policies across applications and infrastructures, including enforcing governance within clusters so you can continually check compliance and monitor environments

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