Case Study 1: Enterprise Software Migration to the Multi-Cloud

Application Architecture (on-premise deployment)
## The Migration Plan

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<td>Minimal code changes to application and familiarity with platform</td>
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<td>2</td>
<td>Granular control of resource usage and opportunity for auto-scaling</td>
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<td>3</td>
<td>Lower cost although some limitations on feature availability</td>
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Migration Step 1

Concern: Minimal code changes to application and familiarity with platform

Selected pattern: MP1
Migration Step 2

Concern: Granular control of resource usage and opportunity for auto-scaling

Selected pattern: MP6
Concern: Lower cost although some limitations on feature availability

Selected pattern: MP13
Migration Step 4

Concern: Replacing on-premise storage with cloud offerings

Selected pattern: MP12
Migration Step 5

Concern: Integration with cloud utility services

Selected pattern: MP14
Concern: Highly available service replacement

Selected pattern: MP11
Migration Step 7

Concern: Better user experience, improved efficiency, and load leveling

Selected pattern: MP3
Application Architecture after Migration
Benefits

Incremental migration
New functionalities by cloud offerings
Hybrid deployment
Multi-tenant architectures
Elastic software
SaaS