The Challenges of Moving to the Cloud

Cloud Adoption Is on the Rise
- 80% of IT organizations are running some workload on the cloud today
- 83% Enterprise workloads expected to be in the cloud by 2020
- 75% IT organizations expected to have multiple cloud providers by 2020

Top 5 Challenges Keeping Enterprises from Moving to the Cloud
- Security Concerns: 47%
- Vendor Lock-In: 34%
- Lack of Proven Skills: 34%
- Integration Concerns: 29%
- Storage Location: 24%

Why are Enterprises Moving to the Cloud?
Research by the Cloud Security Alliance shows three main reasons enterprises are embracing cloud computing.

<table>
<thead>
<tr>
<th>Reason</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Scalability with new technologies</td>
<td>65%</td>
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<tr>
<td>Lower cost of ownership</td>
<td>61%</td>
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<tr>
<td>Security patching and updating by the provider</td>
<td>49%</td>
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Cloud Migration Tips & Tricks
Follow these tips to ensure a smooth migration.

1. Develop a Strategy
   - Develop a strategy to assess your existing technology stack and applications.
   - Develop a roadmap of necessary components and accompanying timelines.

2. Pace Yourself
   - A phased approach to cloud migration allows time to test applications and lower risk.
   - Ensure a phased approach to minimize disruption.

3. Improve Your Apps
   - Moving to the cloud is a great time to modernize and redesign your apps.
   - Complete updates before migration.

4. Look Out For Hidden Expenses
   - Include bandwidth and network costs when determining which applications will provide the greatest cost savings.
   - Ensure you consider all costs associated with cloud migration.

5. Choose the Right Platform
   - The cloud provider you choose will have a huge impact on your applications’ performance and your cloud migration success.
   - Choose wisely.

Silk’s Cloud Data Platform
Silk’s Cloud Data Platform fits between your full application stack and cloud infrastructure, making everything run smarter. Without changing your environment, Silk allows your same cloud data to perform way better and be managed way more efficiently, while costing up to 30% less.

Enable and Accelerate Cloud Adoption
- No need to rearchitect or refactor data
- Ensure Business Agility and Reduce Risk
- The flexibility to increase performance immediately in no matter what platform you’re on
- Reduce Cost and Optimize Spend of Managing Business-Critical Data
- Reduce costs of both private and public cloud
- Deliver Performance at Scale
- Enable high performance of data anywhere

Security is a concern among enterprises, but even more so is the fear of getting locked in a specific vendor. Enterprise workloads are expected to be in the cloud by 2020, and IT organizations are expected to use multiple cloud providers by 2020.

Still Worried About Vendor Lock-In?
How can enterprises get all the benefits of the cloud without the risk of vendor lock-in?