unravel™

"MIND THE GAPS" FROM GARTNER'S CLOUD MIGRATION REPORT WITH UNRAVEL DATA

"You need continuous monitoring of price/performance in the cloud."

- Gartner, Mind the Gaps in DBMS Cloud Migration

Gartner has issued a new report citing serious gaps in how organizations move to cloud. This report is a must-read for any organization with substantial database spending, whether on-premises, in the cloud, or moving soon to the cloud. And you can download the report, Mind the Gaps in DBMS Cloud Migration to Avoid Cost and Performance Issues for free.
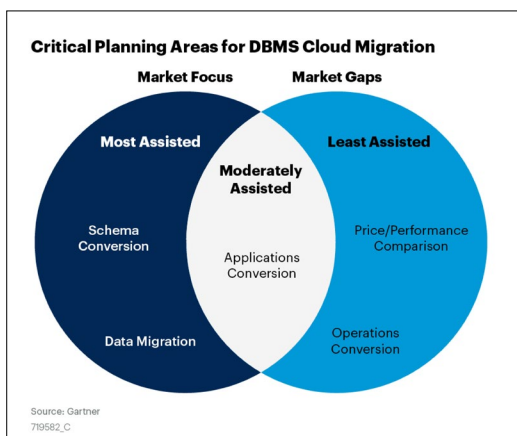
Here at Unravel, we applaud the release of this important report. We offer solutions to help address many of the key concerns that Gartner cites. You can contact us to talk over how these concerns apply to you – or read on.

Key Concerns from Gartner

Gartner says that organizations move to cloud to save money – and that they typically succeed in cutting costs by roughly 21%. Cloud migration also eases innovation, which comprises about a fifth of total IT spending.

However, Gartner says, "Migrations are often more expensive and disruptive than initially planned." That's largely because organizations miss three crucial steps:

- **Price/performance comparison.** Organizations fail to assess the price and performance of their apps, both on-premises and after moving to the cloud.

- **Apps conversion assessment.** Organizations don't assess the cost of converting apps to run effectively in the cloud, then get surprised by failed jobs and high costs.

- **Ops conversion assessment.** DataOps tasks change greatly across environments, and organizations don't maximize their gains from the move.

Critical Planning Areas for DBMS Cloud Migration

Source: Gartner
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Sample instance mapping report for a move to AWS

When organizations fail to take these steps, "they fail to complete the migration on-time, in-full, overspend against their cloud DBMS operational budget and miss optimization opportunities in the cloud."
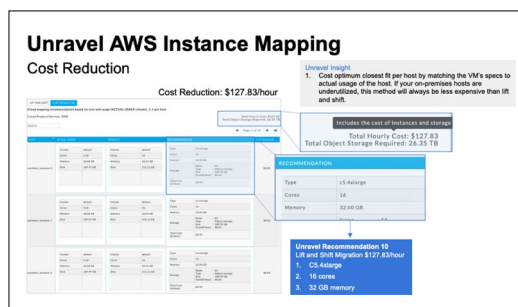
Yet the market is short on solutions to these problems. Gartner even suggests you do an expensive and difficult proof of concept in the cloud to get partial answers to these questions. But there's a much easier answer that may fill the bill for your organization: Unravel Data.

How Unravel Helps You Mind the Gaps

Unravel Data can help you fill the gaps cited in the Gartner report. Unravel provides stack optimization capabilities – observability, monitoring, management, and AI-powered recommendations – for key big data and streaming data technologies.
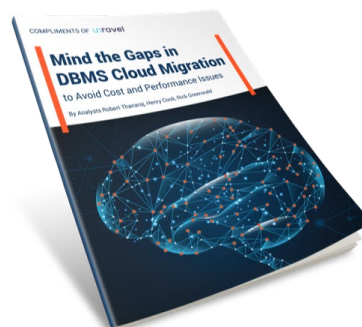
Unravel has three key capabilities:

- **On-premises DataOps** for Cloudera, Hadoop, Spark, Kafka, Airflow, and more. Unravel provides predictability, performance, and reliability.

- **Cloud DataOps** for Amazon EMR, Microsoft HDInsight, Databricks, Kafka, and Google Cloud. Unravel delivers cost optimization, predictability, and reliability.

- **Move to cloud support,** including accurate cost and performance projections for the cloud, and move to cloud management, as recommended by Gartner.

Unravel fills the price/performance comparison gap cited by Gartner and also eases the operations conversion challenge. As Gartner says, "accelerators" – such as Unravel Data – "can minimize the migration effort and reduce manual errors."

The Gartner report raises the bar for preparation and professionalism in DBMS cloud migration. If you use the technologies listed above, or plan to, you need to know more about how Unravel Data can help. If you're interested, try out Unravel for free or contact us.

Get the Gartner Mind the Gaps report for free