State of Data Integration for Hybrid Cloud

Organizations today demand timely, secure, and pervasive access to data regardless of location, device, or platform to gain competitive advantage. The challenges in integrating data from hybrid cloud environments are largely the same as those faced by on-premises organizations seeking to move to the cloud.

DATA INTEGRATION IN PRACTICE

A study examining the current state of data integration among members of the Hyperledger CDP Users Group-300 found that enterprises that moved to the cloud environments recognize data integration as one of the top three challenges in moving to the cloud.

- 73% of public cloud users currently integrate cloud data into on-premise data
- 42% of public cloud users see data integration as a challenge
- 77% of enterprises say data integration is important for cloud initiatives
- 94% of public cloud adopters say data integration is critical for cloud initiatives
- Most rate their integration efforts as satisfactory
- 94% of public cloud users need data for real-time or near-real-time data synchronizations between cloud and on-premises systems
- 56% of public cloud users want data to be more easily accessible across cloud environments and on-premises systems
- 89% of public cloud users want to improve the data governance and security of their data

MOVING TO CLOUD: THE CONCERNS

- Downtime
  - 47% of public cloud users say downtime is a concern and often disrupts cloud projects
  - 42% of private cloud users say downtime is a concern and often disrupts cloud projects
- Standardization in integration
  - 42% of public cloud users need to streamline integration processes across clouds and on-premises systems
  - 42% of private cloud users need to streamline integration processes across clouds and on-premises systems

DATA INTEGRATION BENEFITS

- Entrepreneurs leverage data integration for cloud environments report increased agility, reduced costs, and faster movement of data to target applications.
- Entrepreneurs utilizing or planning to move to cloud environments say they will leverage data integration to:
  - 47% High performance
  - 45% Reliability
  - 34% Low latency
  - 34% Self-service
  - 34% Shared tools for on-premises and cloud environments
- Entrepreneurs also leverage data integration to:
  - 33% Increase business agility
  - 31% Reduce costs
  - 31% Improve interoperability (on-premises and cloud)
  - 30% Foster movement of data to target applications and systems
  - 28% Increase opportunities to automate

ORACLE DELIVERS

- Oracle offers a complete data integration platform to support their cloud initiatives. Oracle’s Data Integration platform integrates the same software across clouds and on-premises environments, making the transfer of data easy and effective. Moving to cloud is all about zero downtime and minimal risk.

Learn more: oracle.com/goto/dataintegration