

ABSTRACT

In the rapidly evolving digital era, data recovery management is a crucial aspect of IT infrastructure. This study analyzes the performance comparison between two data recovery methods, namely Live Mount and Export, within the Rubrik Cloud Data Management (CDM) platform. The Live Mount method enables instant access to recovered data directly from backup without physical data transfer, whereas Export requires a full data transfer to the destination storage for permanent recovery. The research findings indicate that Live Mount excels in recovery speed, particularly for small to medium-sized data (91.31GB – 2000GB), with significantly faster recovery time compared to Export. However, Export is more suitable for permanent recovery, despite requiring more time and system resources. In terms of accuracy, both methods demonstrate 100% recovery success, ensuring that restored data remains intact without any loss or corruption. This study concludes that Live Mount is more efficient for rapid recovery, whereas Export is preferable for long-term data restoration. Therefore, the choice of recovery method should be aligned with operational needs and data size to ensure system efficiency and optimal data availability.

Keywords: *data accuracy, export, live mount, recovery speed, data recovery, rubrik cdm*