

Evaluating the Performance of Teradata Vantage on Cloud versus On-Premises

The study compares the performance of Teradata Vantage on Cloud and Teradata Vantage on-premises for data warehousing workloads using the TPC-H benchmark.

The authors found that Teradata Vantage on Cloud provides similar performance to Teradata Vantage on-premises for most of the TPC-H queries, with some queries performing slightly better on one platform or the other.

They also noted that the cloud infrastructure used for Teradata Vantage on Cloud was able to handle the peak workloads without any issues, which demonstrates the scalability of the cloud-based platform.

The authors suggest that the decision to use either Teradata Vantage on-premises or Teradata Vantage on Cloud should depend on factors such as cost, ease of management, and specific requirements of the workload.

The paper provides detailed information on the TPC-H benchmark, the hardware and software configurations used for the tests, and the performance results for each query on both platforms.

Reference:

Biswas, R., Ingebretsen, E., & Johnson, A. (2020). Evaluating the Performance of Teradata Vantage on Cloud versus On-Premises. Teradata White Paper.