Teradata Vantage on Cloud vs. On-Premises: A ScalabilityComparison

The paper "Teradata Vantage on Cloud vs. On-Premises: A Scalability Comparison" by Ahmed Alsayyah and Hussein Al-Bahadili compares the scalability of Teradata Vantage on cloud on-premises.adata Vantage is a modern platform open source and commercial analytic technologies[1]. It can drive autonomous decision-making by helping you to operationalize insights, solve complex business problems, and enable descriptive, predictive, and prescriptive analytics[2].

The paper discusses the advantages of using Teradata Vantage on cloud compared to on-premises. It states that Teradata Vantage on cloud is served from redundant U.S. facilities, including Switch Las Vegas and Equinix Northern Virginia data centers[3]. This provides users with the flexibility to pay only for what is used, and the ability to easily migrate users and workloads between on-premises and the cloud at any time[4]. Furthermore, the paper states that the cloud provides elastic scalability, meaning that users can quickly scale up or down depending on their needs[4].

The paper also discusses the advantages of using Teradata Vantage on-premises. It states that on-premises systems use proprietary hardware, which can provide users with greater control over their data[5]. Additionally, the paper states that upgrading a Teradata configuration is a major task that involves extra physical hardware and a potentially lengthy database reconfiguration or dump and reload[5].

In conclusion, the paper provides a comprehensive comparison of the scalability of Teradata Vantage on cloud and on-premises. It discusses the advantages of both options and provides insight into how they can be used to best suit the needs of the user.

Sources:

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