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Ch.Vamshi (4511-18-733-017)

DECLARATION

I hereby declare that this Major Project report titled" Voice Assistant System"is a genuine Project work carried out by me in **B.Tech(Computer Science & Engineering)** degree course of **Mahatma Gandhi University, Nalgonda** andhas not been submitted to any other course or university for the award of degree

Signature of the student

Ch.Vamshi (4511-18-733-017)

ABSTRACT

The increasing popularity of cloud storage is leading many organizations to move their data into the cloud. However, putting all data in one cloud causes problems such as vendor lock-in, increased service costs, and data availability. In this paper, we introduce DCStore, a Cloud-of-Clouds storage service designed for an organization to outsource their data into the clouds. To achieve the goal of cost-efficient and high-available, we combine three key techniques.

First, DCStore eliminates the redundant data at client-side to save storage cost via applicationaware chunking method. Second, DCStore uses an inner-chunk based erasure coding scheme to distribute unique chunks across multiple clouds for high availability. Finally, a container-based share management strategy is used for performance optimization.

CONTENT

LIST OF FIGURES