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# Evaluation of SDS (Software Defined Storage) Controller (CorpHD) for Various Storage Demands

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**Abstract :** Growth in cloud applications is generating the tremendous amount of data, building load on traditional storage management systems. Software Defined Storage (SDS) is a new storage management concept becoming popular to handle this large amount of data. CoprHD is one of the open source SDS controller, available for experimentation and development in the storage industry. In this paper, the storage management techniques provided by CoprHD to manage heterogeneous storage platforms are experimented and analyzed. Various storage management parameters such as time to provision, storage capacity measurement, and heterogeneity are experimentally evaluated along with the theoretical expression to prove the completeness of CoprHD controller for storage management.

**Keywords :** software defined storage, SDS, CoprHD, open source, SMI-S simulator, clarion, Symmetrix
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