

VMware Greenplum on Dell PowerFlex Powered by Kioxia CM6 NVMe SSDs

A BETTER PLATFORM FOR BUSINESS INTELLIGENCE AND ANALYTICS



Massively Parallel Processing

Distributes Calculations Across Nodes



Fast Data Extraction from Dispersed Bits of Data

A Single, Unified Environment



Complete Greenplum database workloads (OLTP, OLAP, and ETL) on a single unified Dell PowerFlex software-defined infrastructure delivered exceptional performance and no storage bottlenecks

Over 17 Million OLTP Transactions per Hour

262 Billion Records Inserted per Hour

40K+ OLAP Queries per Day

~20GB/sec Throughput

Sub-ms Latency



PowerFlex
Flexible,
Scalable Software-Defined Storage Infrastructure

KEY APPLICATIONS

- Software-defined storage and virtualization
- Data warehousing
- Online transaction processing (OLTP) (transactional and relational databases)
- Business intelligence
- Artificial intelligence and machine learning

Why PowerFlex & VMware for Greenplum

Extreme Performance & Scale

Provide enterprise level results with stringent SLAs as PowerFlex supports Greenplum's massively parallel processing capabilities

Linear scaling of performance without latency impact

Flexibility & Availability

Scale storage and compute together or independently

Enhanced database protection with replications, consistency groups and snapshots

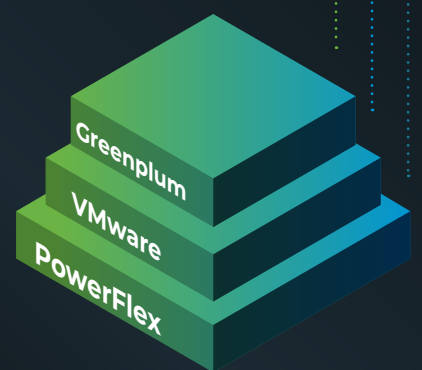
Simple Management

Workload isolation with protection groups and life cycle management with PowerFlex Manager

vSphere management enable centralized management of Greenplum application and vMotion ensures resiliency

VMware
Powerful Virtualization Management

Greenplum
Massive Data Warehouse and Analytics Engine



Achieve Superior Performance and Scalability, Virtualize and Consolidate Workloads, Run Analytics, and Streamline Data Science Operations on a Single Platform with VMware Greenplum on Dell PowerFlex Powered by Kioxia CM6 NVMe SSDs