

Global financial services company saves more than \$2M for Oracle deployments with PowerFlex

PowerFlex software-defined storage saves millions while improving workload performance



The Dell Technologies Solution:

- PowerFlex rack with 50 nodes
- Four NSX Gateway servers with NSX licensing
- 900TB of capacity for Oracle databases
- Data Domain 6300 and Avamar for backups



Business needs

For four years, a leading global financial services company had been running Oracle databases on Oracle Exadata. During this time, database administrators managed the Exadata infrastructure themselves. But as the environment grew to six Exadata systems, they struggled to keep up with the day-to-day care and maintenance. Having experienced multiple performance inconsistencies, the lean IT team of eight people required the infrastructure to become involved. It was then that the company realized the value and efficiency of using software-defined storage to improve current operations.

Solution

The need for simplified management and consistent performance levels led to an engagement with the Dell Technologies team.

The client gave Dell 90 days to prove out a software-defined storage (SDS) strategy running Oracle on Dell EMC PowerFlex rack. Working closely with the customer's engineering architects and database teams, a test environment and plan around the top five workloads was set up to compare Dell findings against Exadata results.

The Dell plan not only had performance and consistency metrics as its main priority, but also included operational improvements to free up database administrators to spend more time on business value projects.

Business results

- \$1.8M reduction in hardware support expenses
- 13% decrease in core Oracle licensing
- \$455K savings in Oracle licensing support costs annually
- 12% performance improvement on workloads
- Consistent, predictable workload performance
- Ability to scale in flexible increments, preventing underutilized resources

After rigorous testing and planning, the successful proof of concept and demonstrated value and savings led the customer to choose PowerFlex rack as their SDS solution to support their business-critical production as well as disaster recovery environments globally.

Benefits

By providing high performance, extreme scalability and a single source of support with the PowerFlex, the customer has been able to see dramatic improvements in their environment including:

- \$1.8M reduction in hardware support expenses over three years
- 13% decrease in core Oracle licensing
- \$455K savings in Oracle licensing support costs annually
- 12% performance improvement on workloads
- Ability to scale in flexible increments, preventing underutilized resources
- Better utilization of IT staff's time and resources

Moving to PowerFlex software-defined storage has given this financial services leader a solid, flexible and rapidly expandable base to fuel its transformation efforts.



“We have never seen our Oracle environment run more consistently and predictably across all workloads.”

-Enterprise Architect



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