



BeeGFS - The Parallel Cluster File System



What is BeeGFS

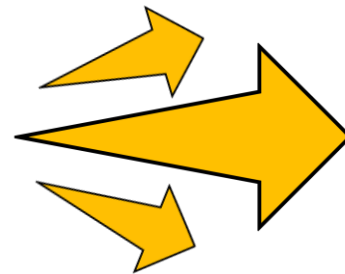
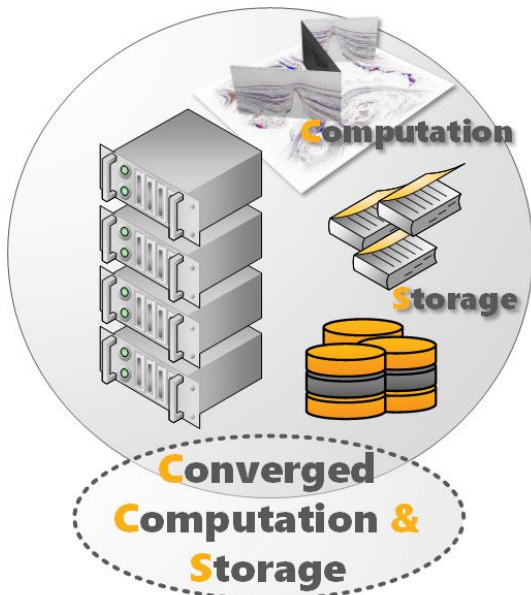
BeeGFS is a highly optimized parallel cluster file system, developed with a strong focus on **performance** and designed for very **easy installation** and management. If I/O intensive workloads are your problem, BeeGFS is the solution.

Why use BeeGFS

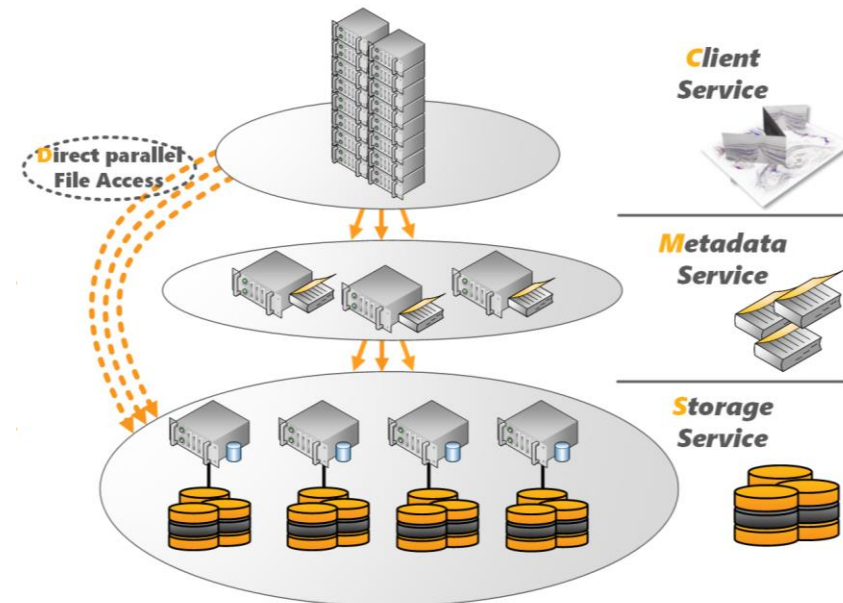
BeeGFS transparently spreads user data across multiple servers. By increasing the number of servers and disks in the system, you can simply **scale performance and capacity** of the file system to the level that you need, seamlessly from small clusters up to enterprise-class systems with thousands of nodes.

Get The Most Out Of Your Data

The flexibility, robustness and outstanding performance of BeeGFS help customers around the globe to **increase productivity** by delivering results faster and by enabling new data analysis methods that were not possible without the advantages of BeeGFS.



Scale seamlessly from few to thousands of nodes



Typical use cases for BeeGFS on OpenPOWER:

HPC, Deep Learning, Scientific Computing, Big Data, Life Sciences, Finance, ...

Key aspects

- Highly optimized client and storage throughput
- Scalable distributed metadata architecture
- Wide range of Linux distributions
- Multiple networks (Ethernet, InfiniBand, ...)
- Graphical administration and monitoring system with live statistics per user
- Fault tolerance through built-in replication
- Samba/NFSv4/Hadoop access possible
- Servers expandable with e.g. IBM System Storage DCS3700 disk arrays

BeeGFS is open source software with professional support by

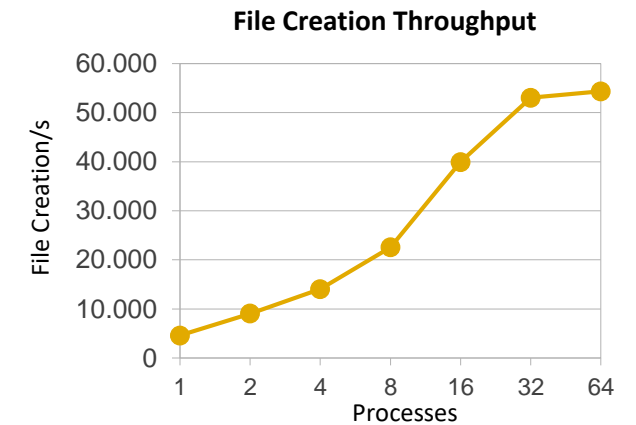
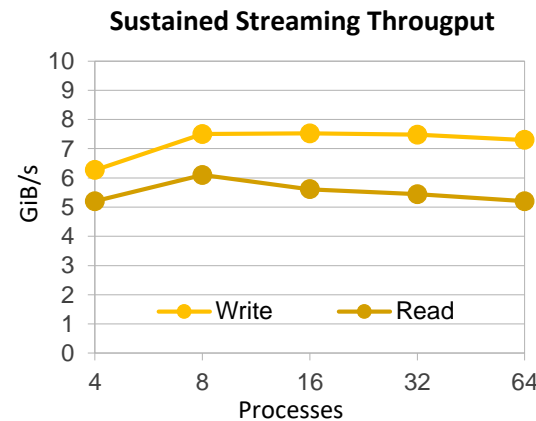


IBM Power Systems LC Line



Converged System Setup

4 x IBM Power System S812LC server



(10 x 6TB Discs RAID each, SSDs for metadata)

http://www.beegfs.com/docs/whitepapers/IBM_OpenPower_P8_BeeGFS_Performance_by_ThinkParQ.pdf

Contact:

IBM: Ulrich Walter, Cloud and HPC Sales Leader for IBM Systems DACH ulrich.walter@de.ibm.com
Phone: +49 170 2287999

ThinkParQ: Marco Merkel, Global Sales Manager sales@thinkparq.com
Phone: +49 159 04046964