

QUOBYTE - THE DATA CENTER FILE SYSTEM

High Performance Software Storage for Financial Modeling
Dr. Bjorn Kolbeck



Data Center File System

All Interfaces – All Workloads – High Performance

- Parallel distributed file system: Linux, Mac, Win...
- High performance for all workload types

Throughput	IOPS	Metadata Intensive
limited by drives/network	130 μ s read 250 μ s write	0.84ms "spec-like"

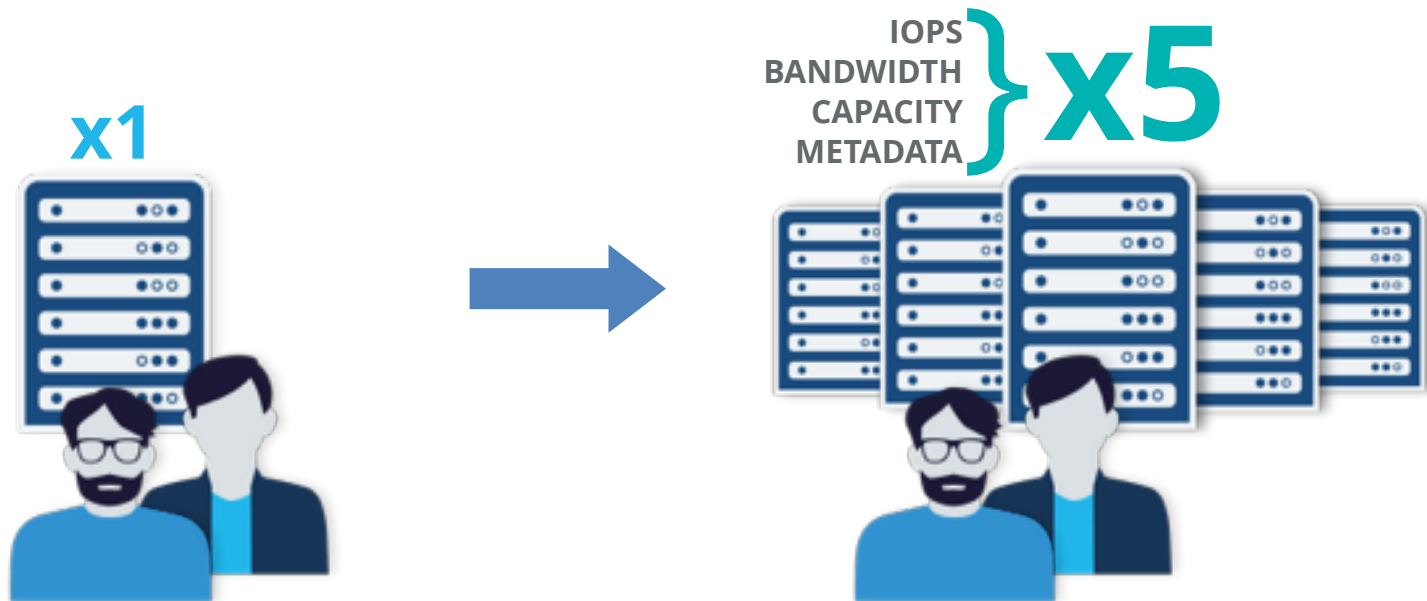
- Maximize GB/\$, pick your media based on workload: NVMe, SSD, HDD, SMR

Not STAC Benchmarks

Linear Scalability + Operational Efficiency

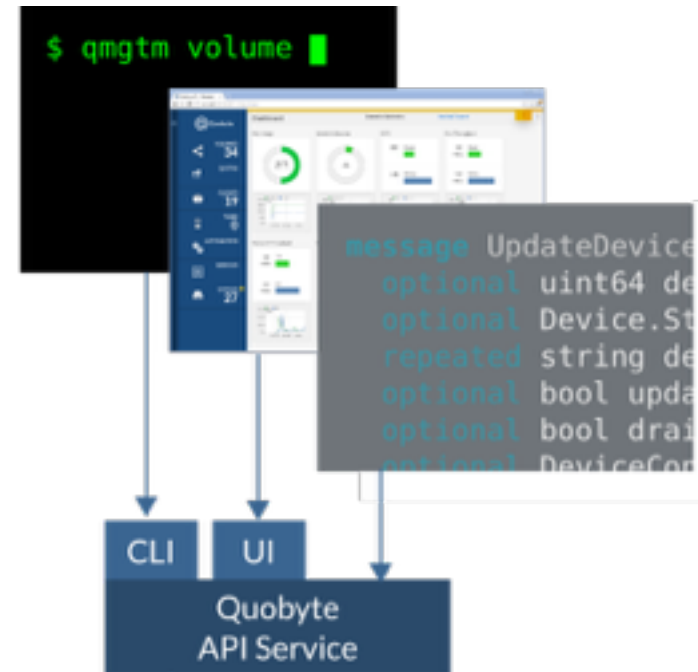
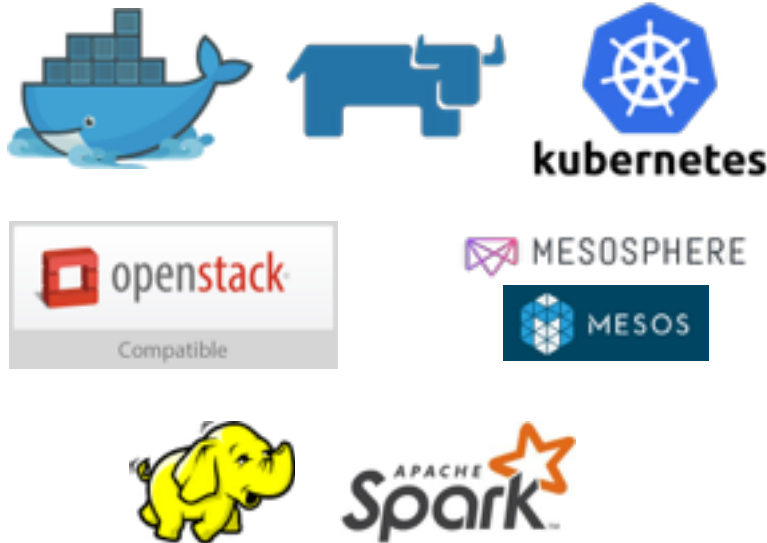
Scale Your Performance, Not Your Payroll

- Scale linearly: IOPS, throughput, capacity, metadata
- Google-style operations: Small team for 1000s of servers



Agile, Automated and Integrated Storage

- Auto-deploy at scale in minutes: on prem, cloud
- Automate everything via API
- Provision storage in seconds
- Integrates with:



Quobyte Data Center File System

Next-Generation Storage with Proven Technology

- 10+ years of research and development



- In production since 2015 for mission critical workloads.
- OpenStack clouds, HPC, Aerospace, Finance, M&E
- Up and running in 1hr:
Download @ www.quobyte.com/get-it