



Quobyte[®]

The Data Center File System

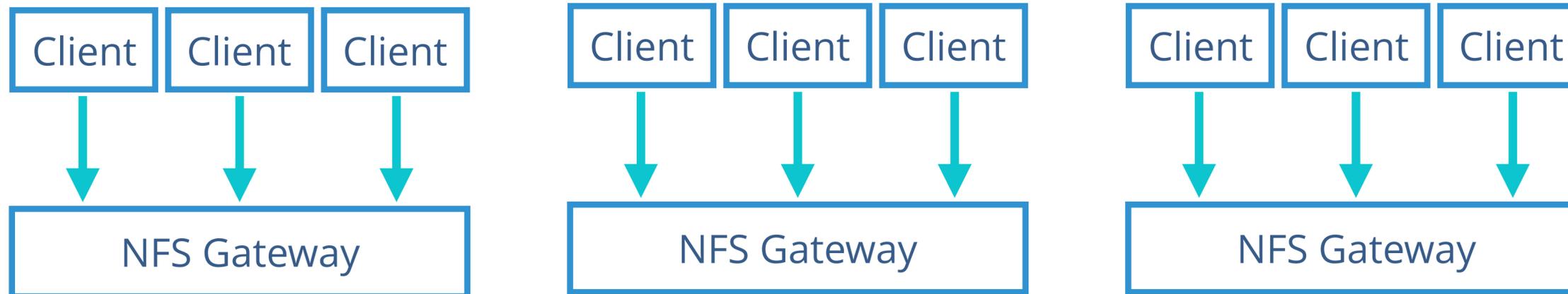
Only One Way Out for Storage: Scale-Out

Björn Kolbeck

Co-Founder

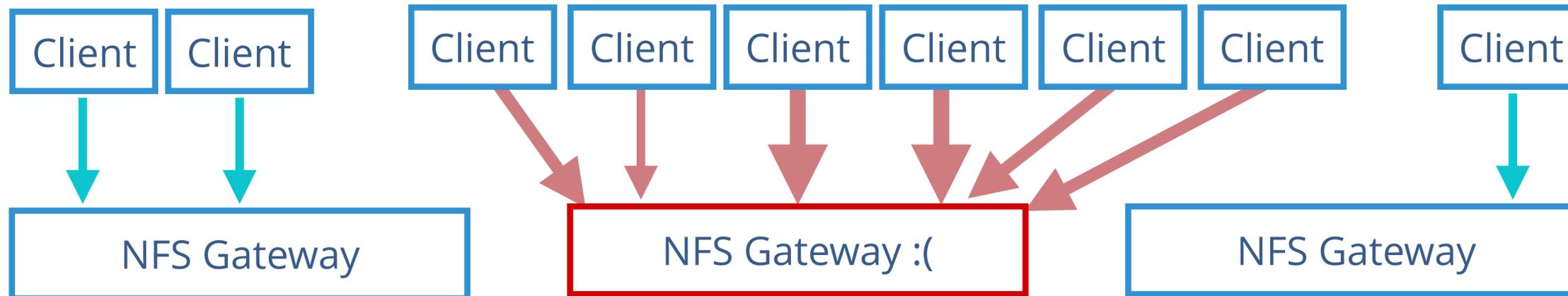
Applications are already scale out

- Machine Learning, time series databases (kdb...), NoSQL, simulations are scale-out... because CPU cores don't get faster
- Why are you still looking at “the fastest storage box”?
- Why limit yourself with a single-server protocol like NFS?
What the vendors measure...



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- Machine Learning, time series databases (kdb...), NoSQL, simulations are scale-out... because CPU cores don't get faster
- Why are you still looking at "the fastest storage box"?
- Why limit yourself with a single-server protocol like NFS? How your reality looks like...



Unlimited Scale-out = No limits on Performance

Learn from the Hyperscalers

**2 U 4 nodes
(1 server)**

**40GB/s
1M IOPS**



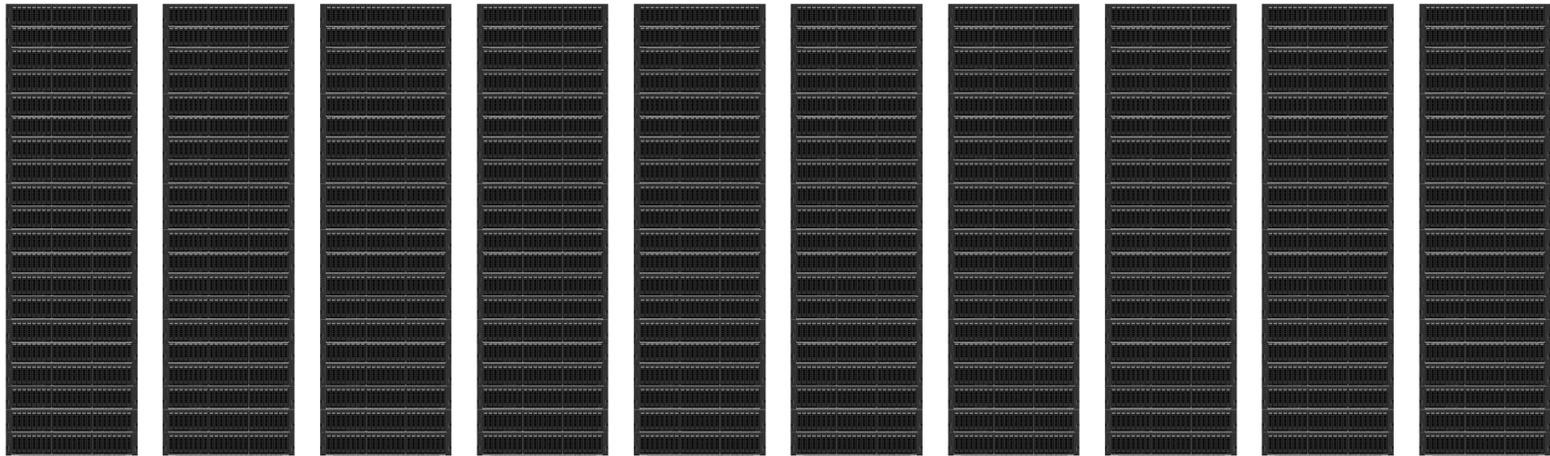
**1 Rack
(20 servers)**

**800GB/s
20M IOPS**



**10 Racks
(200 servers)**

**8 TB/s
200M IOPS**



Unlimited Scale-out = No limits on Capacity

Learn from the Hyperscalers

4 Servers

6.4PB
20GB/s



1 Rack

16PB
50GB/s



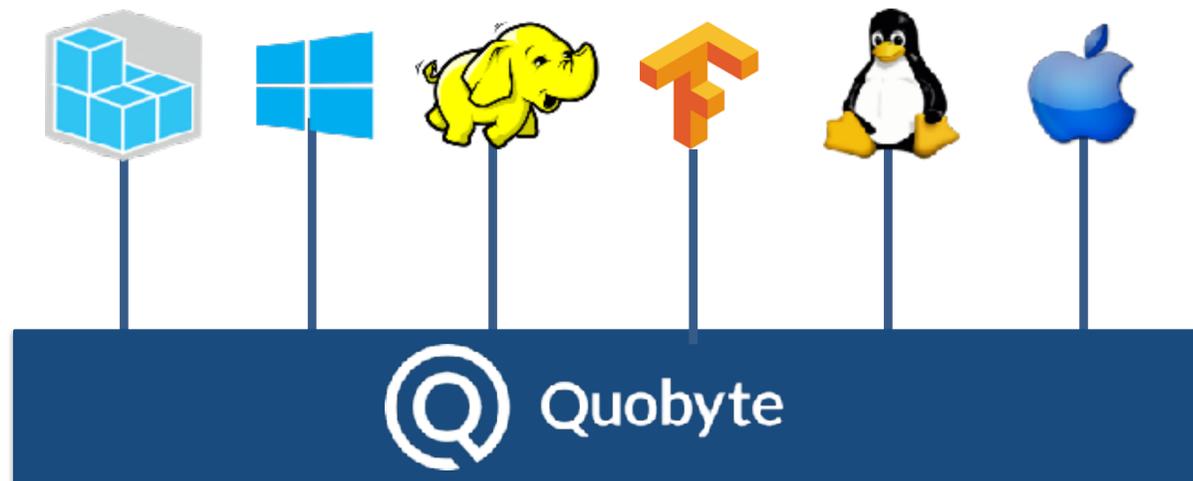
10 Racks

160PB
500GB/s



Quobyte Data Center File System

Unlimited Linear Scaling for Unlimited Performance



- Unlimited Linear scaling of performance and capacity
- Unified access from all protocols
- TensorFlow plugin
- Flash & HDD
- It's software: Installs in minutes
- Manage 200 servers with 1/2 FTE