



Unleash the Power of Your File-Based Data



**File-based data
is the engine of innovation
in business...**



**...but the data explosion
has resulted in
storage management nightmares**



**I left the office Friday
with 20TB of capacity available. I
came in to work on Monday and
was out of capacity and have NO
IDEA why?**



**I spend more time trying to
figure out what is wrong
with my file system
than doing any value add work.**



**We have a
Pandora's box of storage.**



**Data manageability is probably
our greatest weakness.**



**I'd rather throw kerosene
on my face
than manage my file
system.**

A modern solution is needed

1995-2005

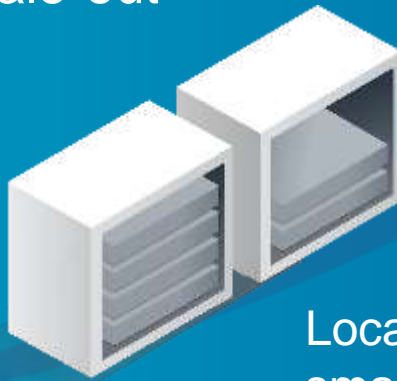
Scale-up



Local, centralized but limited scalability

2005-2015

Scale-out



Local, scalable but small file and cloud limitations

2017+

Scale-across



Unify all unstructured data types, multiple data centers, and cloud

Qumulo: a different type of storage company.

Real-time visibility, scale, and control of your data across cloud and on-premise



Example use cases

Imaging



**Aerial imagery
GIS, Mapping,
LIDAR**

Surveillance



**Video security,
Body camera,
Video analytics**

Scientific Computing



**Simulation,
Analytics, HPC**

Media & Entertainment



**VFX, Rendering,
Editing, MAM,
Animation**

AI / Machine Learning



**Modelling,
Simulations, active
archives**

Healthcare



**PACS, VNA's,
Diagnostic
imagery**

SLED



**Digital libraries,
VSS, HPC Labs ,
GIS**

Life Sciences



**Genetic
Sequencing,
Microscopy**

Enterprise File



**eDiscovery, User
Directory,
Archives, Backup**

Commercial IoT



**ADAS, Sensor
Data, Splunk**

The Qumulo advantage... storage without limits

Modern

Store & process anywhere

Freedom to choose

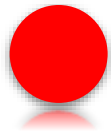
Visibility

Automate

Customer success



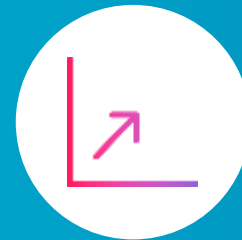
Modern. Enterprise file storage



“My business risk was too high with my old scaleout storage.

The architecture required tree walks to do data tiering and to recover drives. My data was exposed for hours or days.”

Qumulo, advanced distributed file system



Symmetrically scale capacity and performance

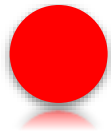


Real time, no tree walks



Full suite of data services (replication, snapshots, quotas)

Modern. Enterprise file storage



“With my previous NAS, I needed 10TB of actual storage for every 1TB of data I needed to store.”

Qumulo, the most efficient file system in the industry



Best raw-to-useable capacity



Leverage 100% of useable storage



Small and large files without wasted space

Modern. Enterprise file storage

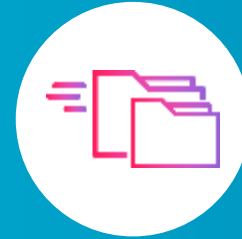


“I turned to Qumulo when my budget could no longer support paying for multiple NAS solutions for different workloads.”

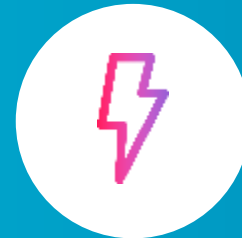
Qumulo, high performance
for all types of data



Highest performance file system in the cloud



Fast small file, large file and mixed IO



Flash-first architecture

Store & process anywhere

Built for the hybrid cloud

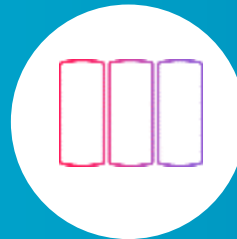


“I can’t do my job without the cloud. To meet my deadlines, I have to burst to 1,000 compute nodes. There’s no possible way I could install 1,000 machines in our network here. I don’t have the power or cooling to support them.”

Qumulo, single file system in the cloud and on-premise



Shift primary workload to the cloud, no application changes

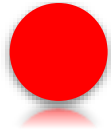


Burst compute in AWS or GCP



Archive content offsite, cost-effectively

Freedom to choose. Software-defined



“I need investment protection knowing the software I purchase today can be used in my architecture, whatever that looks like, 3-5 years from now.”

Qumulo, designed for
platform flexibility



No vendor lock-in,
lets you drive down costs

Visibility.

Unmatched real-time data analytics



“Data is strategic to my business. I need built in tools to know what data I have, what I can delete, and who is accessing the data.”

Qumulo, designed for data intelligence



Predict usage trends to better manage capacity

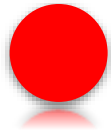


Identify bottlenecks and hot spots to the user level



Chargeback, showback reporting to manage costs

Take control. Industry's most advanced API



“I only invest in technology that are easy to automate and self-describing. It must be easy for new technologies to integrate into my administration, billing, and monitoring platforms.”

Qumulo, helps you automate system administration



Programmable infrastructure



Automate common tasks



Leverage peer contributions in GitHub open source community

Customer Success.



The #1 reason I bought Qumulo is they are a true partner. Qumulo is a strategic and trusted partner in my business.

Aerospace Manufacturer

“We hear you, we agree!”



Staffed by system administrators & engineers

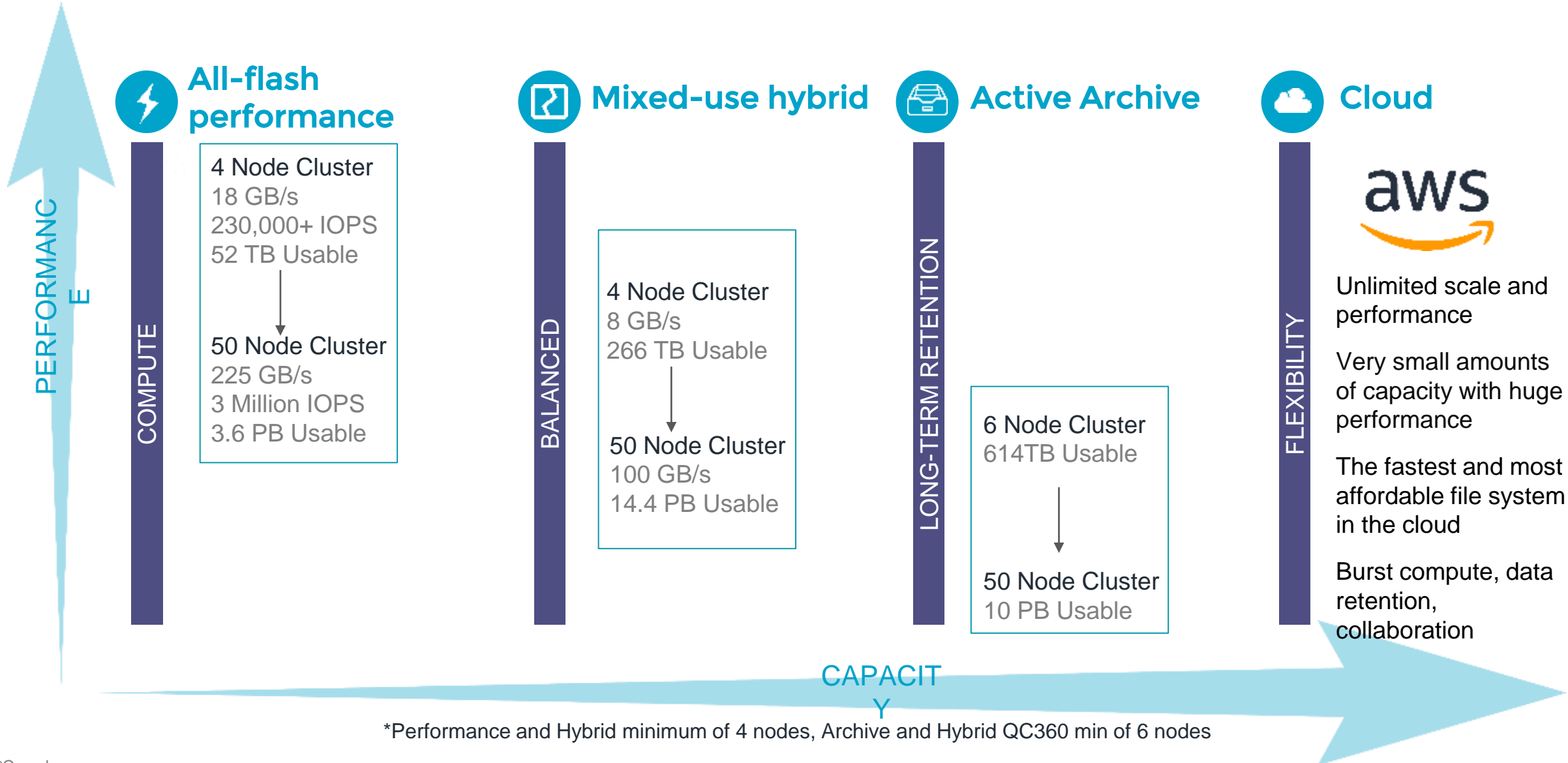


Dedicated Slack channels



Cloud-based monitoring alerting & phone home

Qumulo platform family



*Performance and Hybrid minimum of 4 nodes, Archive and Hybrid QC360 min of 6 nodes

Qumulo Across Markets & Use Cases



Media & Entertainment

Video Surveillance and Imaging

Life Sciences

Healthcare & PACS

Automotive

HPC

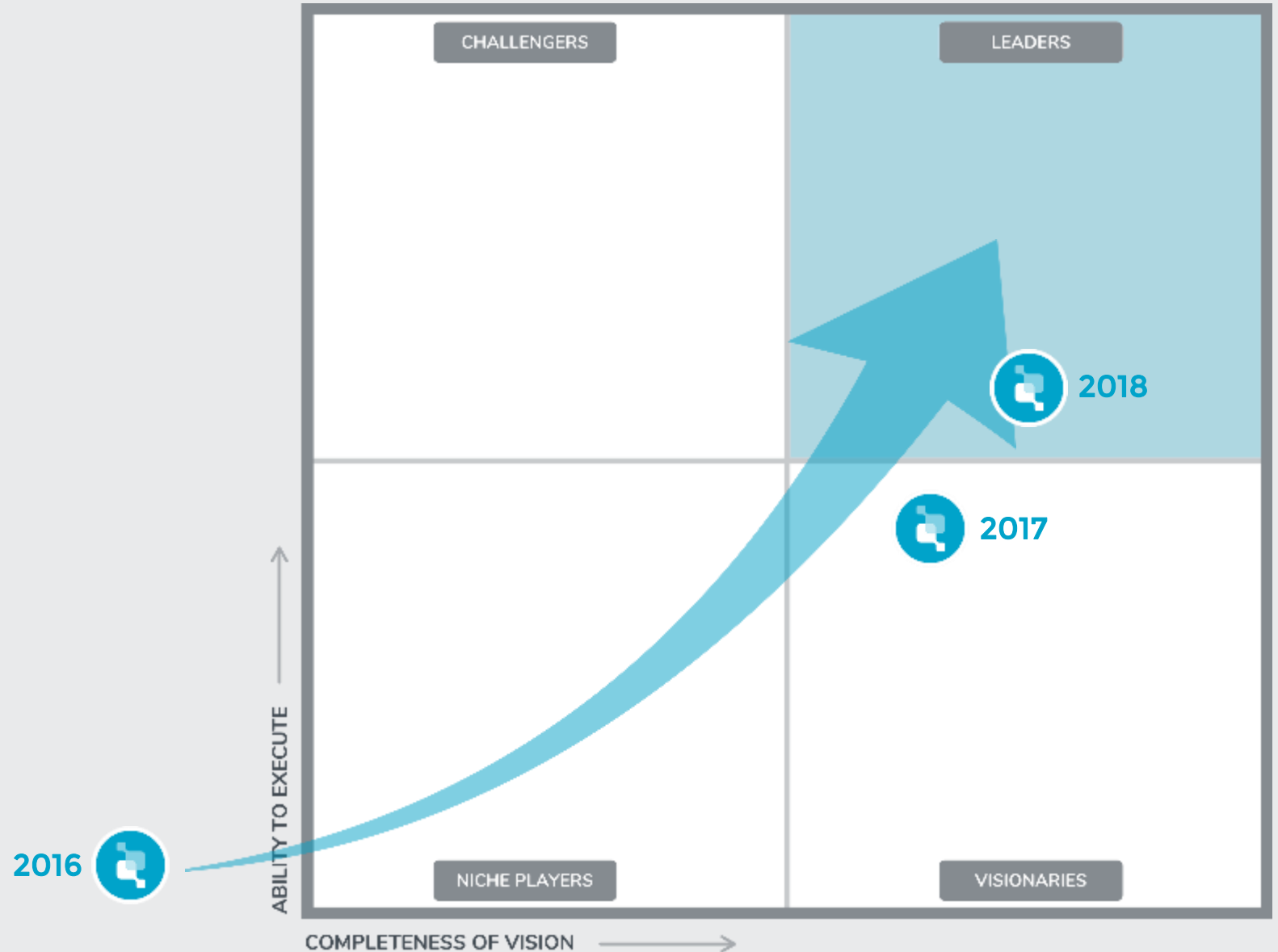
Machine Learning & AI

Enterprise & University File Sharing



Recognized leader

Gartner's Magic Quadrant for distributed files systems and object storage





The set up of the system is easy. It only took an hour to set up 1.2 PB of Storage.

Principal Engineer in the Media Industry



Reality was equal to the hype!

IT Manager in the Education Industry



Qumulo excels at becoming a true partner helping us solve business problems.

Sr. Director of IT in the Services Industry



**100% of Qumulo reviewers
would recommend us to their
colleagues.**

Storage without limits

Enterprise file storage
Built for the hybrid cloud
Software-defined
Real-time data analytics
Industry's most advanced API
Unmatched customer success





Molly Presley
mpresley@qumulo.com