

# Bareos Backup for Qumulo



## Back up petabytes. Radically simple.

With Qumulo you can easily manage billions of files, whether they are large or small. Through adding more nodes, you can simply upscale your infrastructure on premise or using cloud capacities.

Qumulo nodes will make your infrastructure more robust but you should consider backing up your files. Scalability and performance are no longer an issue. But backing up a large number of files still is.

## Intelligent integration into the backup software Bareos

MSP is here to help: We will show you how to build a robust Bareos backup environment and how to use Bareos Backup for Qumulo to perform extremely high-performance file backups that can be integrated into your existing backup strategy.

**MSP offers an intelligent integration into the open source backup software Bareos and supports it.**

## Qumulo-Bareos-Plug-in Features



Full backup



Incremental backup



Fast scan for changed data



Snapshot based backups  
for consistent file sets



Basic Qumulo Node load sharing



Backups per share

## Requirements for a file-based backup

- min. Qumulo Core 3.0.0
- RHEL / CentOS / Debian / Ubuntu
- Bareos 19/18/17

## Helpful Links

- [Big Data under control](#)
- [Bareos blog post about the plug-in for Qumulo](#)

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## About Qumulo

- modern scale-out storage system designed from the ground up for the new era of multi-petabyte data scale on premises and in the cloud
- Qumulo has been a Leader in the Gartner Magic Quadrant for Distributed File Systems & Object Storage since 2018.

## About Bareos

- open source software to realise a full-featured backup environment.
- community version, software subscription and support available
- Modular architecture, all modern OSes supported

## Why Qumulo?



Almost infinite scalability up for billions of files



Outstanding performance in the data center as well as in the cloud



Lower costs  
(no proprietary hardware required)



Central data management and minimal administration overhead



Software Defined Storage: designed for the cloud and for use on certified hardware

## Why Bareos?



Efficient and easy to use



Supports many endpoints out of the box and can be easily expanded in functionality via plugins



Super-fast incremental backups through MSP's Qumulo integration



Easy to find and recover lost or damaged files



Security: all data encrypted, over the wire and at rest

MSP AG is a solution provider for Content Management Technologies (censhare), Data Centre Solutions (Qumulo) and Managed IT Services. Enterprise customers from the retail, financial and media sectors rely on the services of MSP AG. MSP is the Qumulo focus partner for the retail and trade sector in the DACH region.