



BeeGFS®

BeeGFS

EOFS Presentation



2020 recap

- 🐝 BeeGFS Virtual Community meeting (May 22nd)
- 🐝 Appointment Frank Rauch CFO
- 🐝 Appointment Peter Braam CTO
- 🐝 HPCwire Readers Choice Award
- 🐝 New BeeGFS website was launched
- 🐝 Latest release Version 7.2
- 🐝 Success Stories

Version 7.2



- Released mid August 2020
- The BeeGFS 7.2 release includes several small fixes, QoL improvements, and makes BeeGFS compatible with the newest distribution releases and kernels.
- New documentation HTML interface was launched alongside V7.2

Success Stories



🐝 Oracle

- 🐝 Oracle & BeeGFS IO500 Rank #9
- 🐝 140 GB Per Second with BeeGFS and Oracle Cloud. [Read the blog!](#)

🐝 Azure Reports 1 TB/s Cloud Parallel Filesystem with BeeGFS

- 🐝 Using the BeeOND (“BeeGFS On Demand”) filesystem running across 300 HBv2 VMs and more than 250 terabytes of NVMe storage capacity, Azure’s Paul Edwards achieved 1.46 TB/s of read performance and 456 GB/s of write performance. [Read the news release!](#)

2021 Outlook



- 🐝 BUG NA & APAC – 27th January
- 🐝 BUG APAC – 25th February
- 🐝 Community Engagement
- 🐝 BoF session @ ISC

Product Development

Performance and Scalability

- Fixes and improvements
- E.g. improve metadata performance & caching
- Possible new areas - e.g. GPU Direct, PMEM

Devops

- Supported best practices for configurations
- ThinkParQ driven benchmarks
- Usability of our tools

Cloud

- Improve BeeOND
- Egress / ingress tools
- Build on our success

Data Management

- Data redundancy
- Integration with Irods, ZFS, other tools
- Possibly snapshots



Thank You

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