



BeeGFS®

Interview

"MEGWARE was the first company in the world who downloaded the first available public beta version of the former FhGFS in 2007 (now BeeGFS)" Tobias Pfennig



In 2016, MEGWARE became the first Platinum Partner of ThinkParQ and since, have deployed BeeGFS at many of their customer sites across Europe and beyond. We excitingly sit down with Tobias Pfennig, Sales Director HPC at MEGWARE and learn more about his role, MEGWARE and their success.

TPQ: Tobias, lets kick this off by letting our readers learn more about you and the MEGWARE team.

Tobias: Taking responsibility for the division HPC Sales at MEGWARE, I am in close contact with our customers and partners to get more insight about their current needs and technical requirements in terms of High Performance Computing. Together with our HPC engineers we are preparing highly customized solutions to fulfill all customer expectations, relating to system performance, energy efficiency, and more reliable system operations.

Besides that, we are present at many worldwide conferences and exhibitions showcasing the latest MEGWARE solutions and in-house developments, e.g. our HPC platform SlideSX®-LC as a high-energy efficient direct hot-water cooling solution for massive workloads.

Tell us more about MEGWARE, what you do, go to market strategy etc?

MEGWARE has established itself as one of Europe's leading supercomputing specialists. With almost 30 years of experience and a team of 50 experts, we are a competent partner for the design, assembly,

test and installation of complete HPC systems. Our R&D team develops pioneering in-house solutions to build the most advanced HPC infrastructures in terms of performance, efficiency and scalability. At the top of our list of priorities is to deliver first-class quality and service. We have delivered more than 1,300 supercomputers across Europe and beyond.

Which regions do you represent ThinkParQ and BeeGFS?

We've numerous BeeGFS installations in the field, most of them of course in our core market Germany. We have also implemented many BeeGFS installations throughout Europe, e.g. in the Nordics (Norway). Besides many universities and research institutes, a lot of industrial customers are part of our growing customer base.

How many installs / deployments do you have with BeeGFS?

MEGWARE was the first company in the world who downloaded the first available public beta version of the former FhGFS in 2007 (now BeeGFS). We have been building high quality BeeGFS turn-key solutions since the first days of its release back in 2009.

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After successful testing in our benchmark center, we decided to setup and configure one of the first FhGFS/BeeGFS file systems. Furthermore, we were the first company that installed BeeGFS on a cluster with more than 1,000 compute nodes. Since that time, more and more projects were successfully completed with ThinkParQ, and MEGWARE became the world's first BeeGFS Platinum Partner in 2016. Therefore it is quite hard to count all the installations we have in the field until now (19Q2) Please have a closer look on our reference list at www.megware.com.

In June, MEGWARE will be exhibiting at ISC2019. Please let us know what you are going to be doing there so we can highlight this to our readers?

MEGWARE will be introducing the new hot-water capable ColdCon® technology available with the 2nd Gen Intel® Xeon® Scalable processor. Up to 97% heat recovery can be achieved via direct liquid cooling of our SlideSX®-LC compute nodes, power supplies and high performance network switches. At our booth #B-1330 we will showcase all latest developments and our team looking forward to welcome you in Frankfurt/M. to discuss challenges in the area of HPC, especially specific requirements regarding future storage and file-system solutions.

" Supporting our customers with their very heterogeneous HPC requirements is an exciting challenge every day. Even when there is no standard solution available in the market to meet specific needs, developing new and innovative hardware and software solutions for our customers is one of the main strengths of MEGWARE for many years."

What excites you the most about High-Performance Computing?

Supporting our customers with their very heterogeneous HPC requirements is an exciting challenge every day. Even when there is no standard solution available in the market to meet specific needs, developing new and innovative hardware and software solutions for our customers is one of the main strengths of MEGWARE for many years. That's why we often pioneer to succeed in most of our R&D activities, to assist our customers in the best possible manner at any time – that is our definition of a dependable, trusting and successful partnership.

Lastly, any predication's for the future?

We see increasing demands in terms of reliable storage configurations with robust file-system and high throughput as well as professional support for our customers. Especially in the area of Deep/Machine Learning and NVMe storage setups these requirements will be essential to be able to reliably manage the growing amounts of data.