

## HPC Storage – the two distinct challenges

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Traditionally when architecting the storage for an HPC environment the focus is on performance of the file system. There is another challenge though, as one has to manage all the files that are used for input or created as output, typically over a long period of time. There is even value in this data that can be mined via modern analytics methods (aka Hadoop) or used for AI/ML. This session will outline why it is essential to use different solutions to address “the performance challenge” and “the persistent data challenge”.

Biography: Wolfgang holds a PhD on computer aided engineering. In his more than 25 years in the IT industry he held various technical and strategic positions. He focuses on understanding the verticals’ specific processes, needs and applications, which he then links to the IT product’s features and capabilities in order to achieve the best results for the customers. In his current role as CTO for EMEA in Dell EMC’s Unstructured Storage Team he specializes mainly HPC and related verticals. Wolfgang also follows the immense transformations IT is currently undergoing; this especially includes the new capabilities data lakes, big data analytics and AI/ML offer.

### HPC content

[see abstract]

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