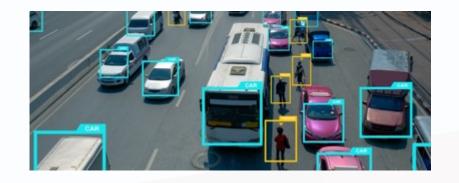
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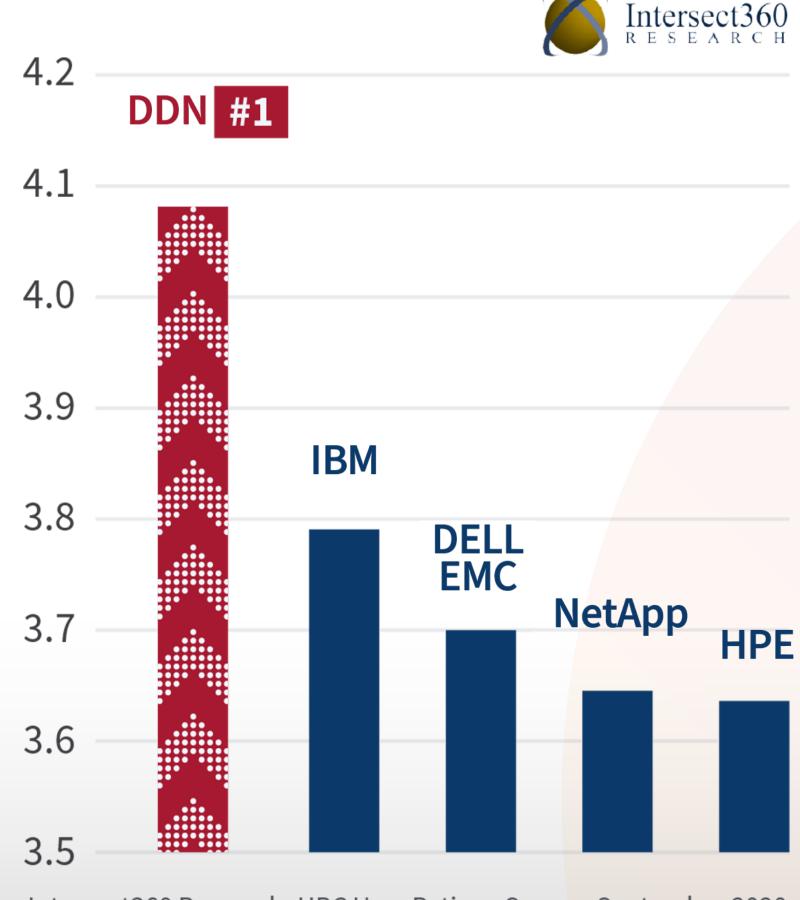
Leadership in AI, Data At Scale and Rated #1 by Users

THE LEADER IN AI

Reference architecture for NVIDIA POD and SuperPOD and the leading AI and analytics provider

THE LEADER IN AT-SCALE

Powering world's most demanding IT infrastructures and workloads



- Highest overall score
- Highest technical score
- Highest operational
- Highest future purchases



The Leading Reference Architecture For Al and NVIDIA

DDN A³I and NVIDIA Are Deploying Market Leading Systems in AI and Enterprise Data Centers Globally





DDN A³I Keeps Your Whole AI Environment Fully Optimized

And first to integrate NVIDIA GPU direct for direct memory transfers

- A³I Application Acceleration
 Parallel I/O into every application
- **DDN First to Integrate Nvidia GPUDirect**with fully granular and balanced traffic between all applications and all storage servers
- No Backend Complexity

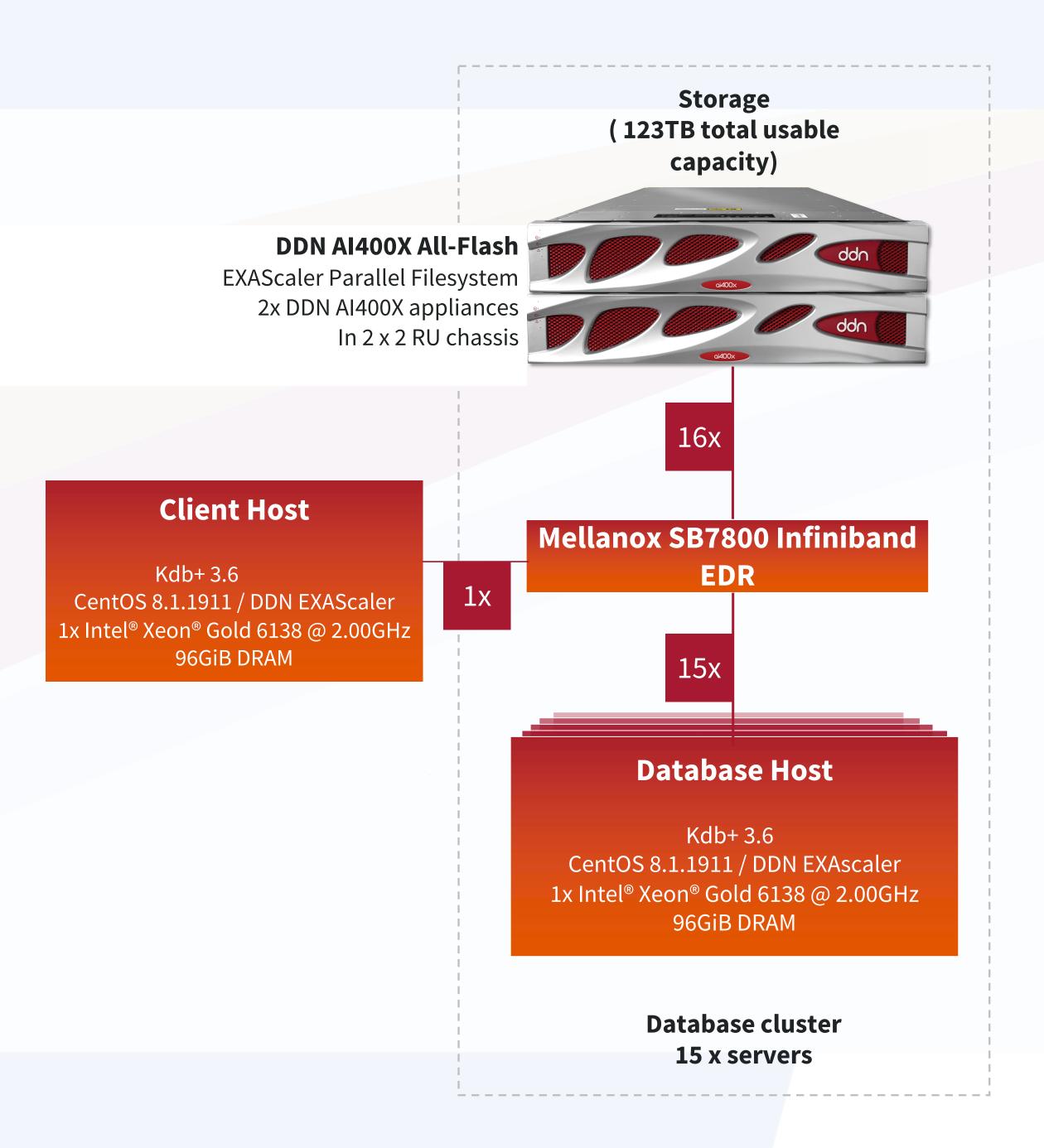
 DDN A³I frees up resources and doesn't consume cycles with backend data movements





DDN AI400X Test Platform

- Simple All NVMe DDN Storage
 Appliance with a complete parallel filesystem embedded
- KDB+3.6 Time Series Analytical Database Software
- Total 16 client systems (database Hosts and one client hosts)





DDN with 15 server nodes vs Other Storage Solution with 14 DB server nodes

(SUT ID KDB200915) https://stacresearch.com/KDB200915

Versus a kdb+ solution based on <u>a parallel file system with 14 database server nodes and 18 storage server nodes</u> (SUT ID KDB200401):

was faster in all four **10-user market snapshot** mean response time benchmarks in the Kanaga suite, with speedups ranging from 1.8x for year 2 to 2.0x for year 4 (STAC-M3.β1.10T.YR[n]-MKTSNAP.TIME)

was faster in 4 of 17 mean response time Antuco benchmarks, including:

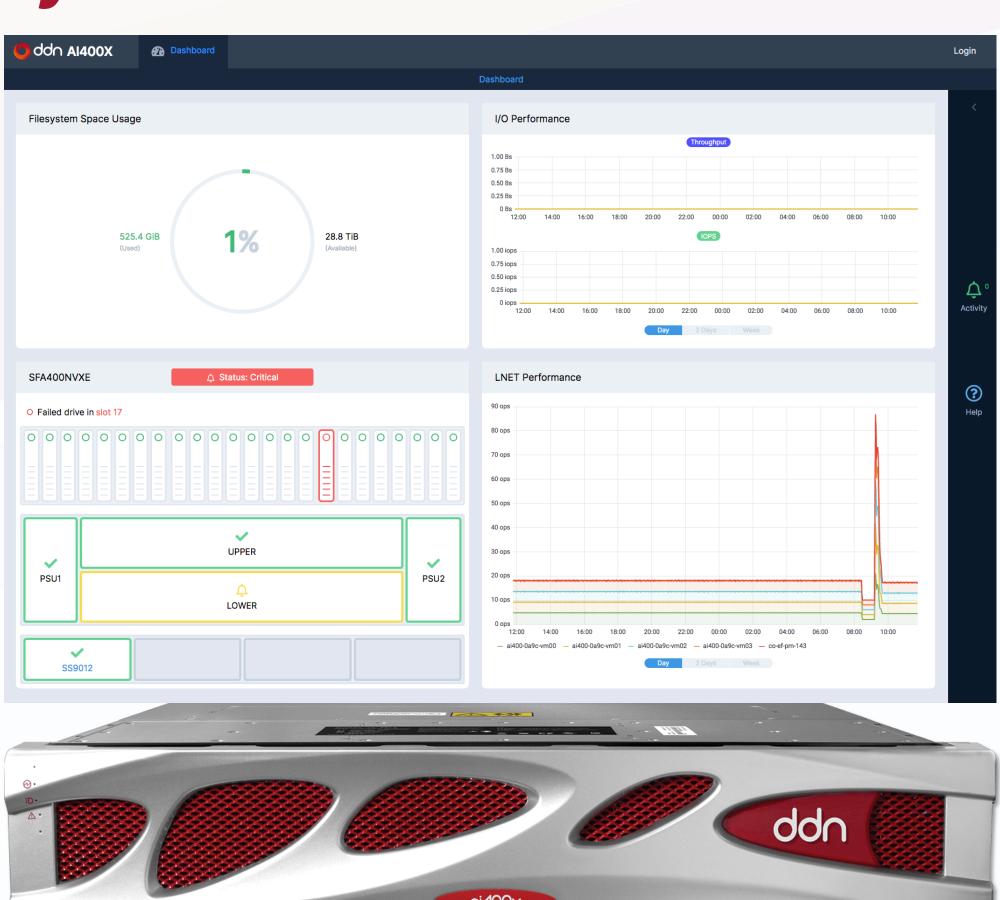
- 9.4x speedup in NBBO (STAC-M3.\beta1.1T.NBBO.TIME)
- 46% faster in 10-user market snapshot (STAC-M3.β1.10T.MKTSNAP.TIME)
- 15% faster in 10-user aggregate stats (STAC-M3.β1.10T.STATS-AGG.TIME)
- 3% faster in **100-user interval stats** (STAC-M3.β1.100T.STATS-UI.TIME)

was within 0.2% of the speed in the 10-user volume curve (STAC-M3.β1.10T.VOLCURV.TIME)



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