KUAISHOU

intel

MORE THAN **20X** acceleration

of GraphDB performance with Intel® Optane™ PMem and KVDK.[1]

"By working with Intel and utilizing the KVDK repository, we are able to fully leverage the performance advantages of Intel® Optane™ persistent memory, resolving bottlenecks in extensibility and recovery time, building a cutting-edge GraphDB system that provides complex data relational computing capability for various applications, and building the foundation for deep applications."

Liu Xin, Kuaishou

Kuaishou Unleashes the Potential of Intel® Optane™ PMem with KVDK for GraphDB

The Kuaishou Technology content recommendation system is built on a deep understanding of the company's users and the content being shared every day. To support the company's rapidly growing business with high-performance database capabilities, Kuaishou has implemented the Kuaishou Graph Database (GraphDB) application based on open-source technology, and built high-performance, large-capacity storage pools with Intel® Optane™ persistent memory. Kuaishou Graph DB also utilizes the Key-Value Development Kit (KVDK) designed specifically for persistent memory in order to fully leverage the performance advantages of Intel Optane persistent memory, and to provide advanced functionality for database.

Products and Solutions
2nd Gen Intel® Xeon® Scalable processors
Intel® Optane™ Persistent Memory
Key-Value Development Kit (KVDK)

Industry
Technology, Information and Internet

Organization Size
10,001+

Country
China

Learn more
Case Study