



Alibaba Cloud POLARDB: An Innovative Cloud- Hosted Database

Alibaba Cloud is the largest e-commerce business in China and it is a rapidly growing cloud service provider. Alibaba Cloud has developed an innovative, commercial-grade, cloud-hosted relational database, POLARDB, that addresses these issues and offers enterprises a new DBaaS model. At the foundation of POLARDB is a distributed shared-storage architecture, which was engineered to use Intel® Optane Solid State Drives (SSDs) and Intel® 3D NAND SSDs. Intel® SSDs also help keep costs and performance tuned. POLARDB empowers enterprises with an on-demand solution that can help maintain a good price/performance ratio. As a commercial-grade database, it helps enterprises manage large volumes of data while enabling low latency, high throughput, high quality of service (QoS) and rapid scaling.

Products and Solutions
[Intel® Optane™ SSD Series](#)
[Intel® 3D NAND SSDs](#)

Industry
Cloud

Organization Size
10,001+

Country
People's Republic
of China

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1, 2 For more complete information about performance and benchmark results, visit <https://www.intel.com/content/www/us/en/customer-spotlight/stories/alibaba-cloud-dbaas-customer-story.html>