



Reduction in overall  
write latency from 120 to 50  
microseconds.<sup>1</sup>

Reduction in overall  
Read latency from 130 to 40  
microseconds.<sup>2</sup>

## Tencent Cloud Optimizes its Cloud Block Storage to Create an Ultra-fast Experience

As one of the world's leading cloud service providers, Tencent Cloud has been providing persistent block storage services for users with its cutting-edge Cloud Block Storage (CBS). CBS provides highly efficient and reliable persistent block storage services and is widely deployed and used in scenarios such as core database, Content Distribution Network (CDN), and e-commerce systems. To provide customers with high-performance enterprise-level cloud storage services, Tencent Cloud collaborated with Intel to reconstruct and optimize its ultrafast solid-state drive CBS with a brand-new storage engine design with 3rd Gen Intel® Xeon® Scalable processors and Intel® Optane™ persistent memory 200 Series. It has been verified that with better bandwidth, lower latency, and higher Input/output per second (IOPS), the new solution can create an extremely fast cloud storage experience for performance-intensive business scenarios.<sup>3</sup>

### Products and Solutions

[3rd Generation Intel® Xeon® Scalable Processors](#)  
[Intel® Optane™ Persistent Memory 200 Series](#)

**Industry**  
Internet

**Organization Size**  
10,001+

**Country**  
China

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