

Solid-state storage use cases

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| Database acceleration | Loading the database indexes or even the entire database into SSD or optimally host-based flash memory can significantly improve data access speeds. |
| Cache tier | Adding SSD as a cache tier can accelerate data access to the most frequently requested information, very much like any other cache. |
| Boot storms | Loading VDI images into solid-state storage can solve the problem of “boot storms” during periods of high user startup. |
| Data location and hybrid cloud | Locating frequently requested data in cache storage near the requestor can speed data access and reduce the load on central SANs. |
| All solid-state infrastructure | For applications with high-intensity I/O requirements, solid-state infrastructure can meet the needs of and reduce power/cooling consumption by up to 80% compared to similar 15K hard disk drive configurations. |