

# Kaminario and Arcserve: All-flash Storage for Arcserve UDP

## arcserve®

### SOLUTION SUMMARY:

- Leverage the K2 all-flash array native snapshots as Hardware Snapshot source for Arcserve UDP
- Agent-less built-in VSS based integration between UDP and K2 all-flash array.
- Support for all Windows based infrastructures
  - Windows Server
  - Microsoft Hyper-V

**The K2 all-flash array** is the most cost-efficient general purpose storage platform that was designed from the ground up optimized for solid-state drive (SSD) flash storage and to accommodate multiple applications and workloads. Its unique scale-out/scale-up architecture allows the K2 to grow with customers' infrastructure needs, delivering agility and flexibility for today's demanding IT requirements.

### About Arcserve

The Kaminario K2 all-flash array's native snapshots support Hardware Snapshot for Arcserve Unified Data Protection (UDP) software. With a seamless integration, the K2 snapshots offer a built-in solution as a backup resource for UDP, on the highly-available, cost-efficient K2 All-flash array.

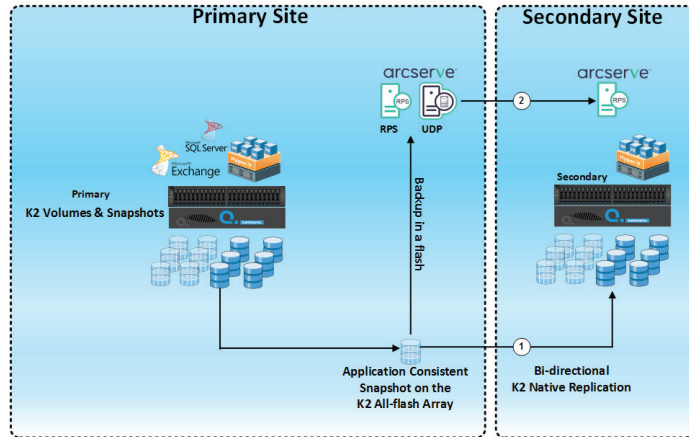
The K2 delivers consistent high performance and low latency for production, backup, recovery and replication workflows, with the ability to seamlessly scale performance and capacity.

UDP's VSS-based integration with the K2 snapshots enables agentless backup in minimum time and maximum data protection.

K2's snapshots are space-efficient copies of data that can be accessed with no impact on production workloads.



## Using native K2 data services and Arcserve for backup and DR



### Contact

Contact a business development representative to answer any questions you may have.



### Schedule a Demo

Schedule a demo with an engineer and learn if Kaminario's solution works for you.



### Request a Quote

Request a quote for your application from our business development team.

## Arcserve Key Benefits with Kaminario K2 All-Flash Array

- **Seamless simplified integration** - Arcserve will automatically utilize K2 snapshots as an agentless backup resource, once configured as part of a UDP plan creation.
- **Fast application-consistent backup & recovery** - Significantly shorten backup and recovery windows, without compromises on RTO and RPO.
- **Leverage your storage investment** - Native array-based snapshots that are an integrated feature of K2's software stack.
- **Improved performance and consistent low latency** - Consistent sub-millisecond response time, and sub-second snapshot creation on the K2.
- **K2 native data reduction features** - Minimize capacity consumption utilizing K2 inline adaptive block size deduplication and inline compression.
- **K2 architecture uniqueness** - The only all-flash storage array that can seamlessly scale both out and up.

K2 Gen6 All-Flash Array Specifications				
Scaled Configuration	1 K-Block	2 K-Blocks	3 K-Blocks	4 K-Blocks
Usable Capacity*	30TB - 1PB	60TB - 2PB	90TB - 3PB	120TB - 4PB
IOPS	Up to 370K	Up to 740K	Up to 1.1M	Up to 1.5M
Throughput	Up to 6.2GB/s	Up to 12.4GB/s	Up to 18.6GB/s	Up to 25GB/s
Latency	0.35ms			
Media (encrypted)	480GB / 960GB / 1.92TB / 3.84TB 3D TLC NAND SSDs			
Connectivity FC/iSCSI	FC: 4x 16Gbps iSCSI: 4x 25GbE	FC: 8x 16Gbps iSCSI: 8x 25GbE	FC: 12x 16Gbps iSCSI: 12x 25GbE	FC: 16x 16Gbps iSCSI: 16x 25GbE

\*Capacity is subject to drive size and the application data reduction ratio. For some datasets such as VDI the range will be higher.

## About Kaminario

Kaminario, the leading all-flash storage company, is redefining the future of modern data centers. To learn more, please visit [www.kaminario.com](http://www.kaminario.com).