

## IBM Adds to Storwize Portfolio

Written by Frederick Douglas  
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IBM announces a quartet of additions to the Storwize V5000 storage portfolio aimed at SME customers-- updates on the previous-gen V5010 and V5030, the V5010E and V5030E, and the all-flash V5100 and V5100F.



The V5010E and V5030E promise increased performance and enterprise-class functionality, availability and reliability in "easy to buy, use, manage" entry storage systems. The V5010E supports up to x4 more cache (16, 32, 64GB) and x2 better IOPS compared to the V5010, and scales up to 12PB of capacity using up to 392 HDDs or SSDs. The V5030E adds compression and deduplication support, together with more cache (32, 64GB) and a 20% IOPS improvement. It scales up to 23PB of storage on a single system or 32PB with 2-way clustering (up to 760 or 1520 HDDs/SSDs).

Meanwhile the all-flash V5100 and V5100F leverage end-to-end NVMe technology to deliver significantly higher performance via support for IBM FlashCore storage modules. They also offer FibreChannel options (16Gbit/s FC/FC NVMe and 32Gbit/s FC/FC NVMe) and higher cache capacity (64-576GB per system or 128GB-1.15TB per cluster). Storage clocks at 2PB of flash in a 2U chassis, and scale-out capabilities allow for 23PB of all-flash storage in a single system or 32PB with 2-way clustering.

The Storwize family uses IBM Spectrum Virtualize for Public Cloud to simplify multi-cloud management-- and customers can now deploy it on both AWS and IBM Cloud, increasing the flexibility in disaster recovery strategies. It also supports cloud-based DevOps, as well as cyber resiliency with cloud-based "air gap" snapshots on Amazon S3.

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IBM says it will also add support for the industry standard Container Storage Interface (CSI) in Q2 2019.

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