

Dell EMC Isilon Goes All-Flash

Written by Marco Attard
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Dell EMC announces an all-flash version of the Isilon scale-out NAS platform at Dell EMC World 2016-- the predictably named Isilon All-Flash, designed to handle massive amounts of unstructured data.



According to the company Isilon All-Flash combines the performance of flash technology with the scalability, multi-protocol access and security of the Isilon OneFS OS. It features a dense blade-node architecture consisting of 4 Isilon nodes within a single 4U chassis, with capacity options ranging from 92 to 924TB per chassis.

Several Isilon All-Flash configurations are available, and customers can combine units into a single cluster to provide up to 92.4PB of capacity and over 1.5TB/s of aggregate performance. The system is ideal for a wide variety applications and unstructured workloads, including 4K data streaming, genomic sequencing, electronic design automation, and near real-time big data analytics.

Also announced at Dell EMC World is an update on the Elastic Cloud Storage (ECS) object storage cloud technology-- ECS 3.0, a means for customers to create private storage clouds with the functionality of Amazon Web Services. It features governance and compliance capabilities, including advanced data management functions, together with a dedicated cloud service providing a client-owned single-tenant cloud hosted in a Virtustream datacentre managed by Dell EMC.

A final announcement involves the D-Series, a high-density storage appliance aimed as a tape replacement. It stores up to 6.2PB of data in a single rack, a 63% improvement in capacity over other EMC hardware offerings.

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The Isilin All-Flash array hits the market from 2017 together with new versions of OneFS, while ECS 3.0 and D-Series hardware is available now.

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