

dCache and DDN

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TRIUMF recently reduced its infrastructure and administrative footprint by replacing a 5 year old attached storage subsystem with a DDN embedded dCache system. Our traditional 1.5 PB storage subsystem consisted of 21 4U servers requiring multiple racks. Using a DDN® SFA® 12KXE system we commissioned 1.6 PBs running on eight dCache virtual nodes in half a rack.

This embedded dCache system provides significant savings in data center space, power and cooling costs over traditional architectures without losing performance we had. We summarize our experience so far with this embedded dCache system.

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