[vsan, evaluate] How to evaluate the stripe number for your vm storage

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> The admin then notices that the virtual machine deployed on their VSAN is getting a 90% read cache hit rate. This implies that 10% of reads need to be serviced from HDD. At peak time, this VM is doing 2000 read operations per second. Therefore, there are 200 reads that need to be serviced from HDD (the 10% of reads which are cache misses). The specifications on the HDDs imply that each disk can do 150 iops, meaning that a single disk cannot service these additional 200 iops. To meet the I/O requirements of the VM implies that a stripe width of two disks should be implemented.

Reference

http://cormachogan.com/2013/09/19/vsan-part-10-changing-vm-storage-profile-on-the-fly/