Industry Trends Perspective Update Newsletter
Information Technology and Data infrastructure
Cloud Virtual Physical Software Defined

September and October 2014

Hello and welcome to this joint September and October Server and StorageIO update newsletter. Since the [August newsletter](#), things have been busy with a mix of behind the scenes projects, as well as other activities including several webinars, on-line along with in-person events in the US as well as Europe.

Enjoy this edition of the Server and StorageIO update newsletter and watch for new tips, articles, StorageIO lab report reviews, blog posts, videos and podcasts along with in the news commentary appearing soon.

Cheers gs

Industry Trends and Perspectives

In September I was invited to do a key-note opening presentation at the [MSP area CMG event](#). Theme for the September CMG event was "Flash – A Real Life Experience" with a focus of what people are doing, how testing and evaluating including use of hybrid solutions as opposed to vendor marketing sessions. My session was titled "Flash back to reality – Myths and Realities, Flash and SSD Industry trends perspectives plus benchmarking tips and can be [found here](#). Thanks to Tom Becchetti an the MSP CMG ([@mspcmg](#)) folks for a great event.

There are many facets to hybrid storage including different types of media (SSD and HDD's) along with unified or multi-protocol access. Then there are hybrid storage that spans local and public clouds. [Here is a link](#) to an on-line [Internet Radio show via Information Week](#) along with on-line chat about Hybrid Storage for Government.

Some things I'm working with or keeping an eye on include Cloud, Converged solutions, Data Protection, Business Resiliency, DCIM, Docker, InfiniBand, Microsoft (Hyper-V, SOFS, SMB 3.0), Object Storage,

In This Issue

- Industry Trends Perspectives
- Commentary in the news
- Tips and Articles
- StorageIOblog posts

Events & Activities

September 25, 2014
MSP CMG - [Flash and SSD performance](#)

October 8-10, 2014
Nijkerk Netherlands [Brouwer Seminar Series](#)

November 11-13, 2014
[AWS re:Invent](#) Las Vegas

View other recent and upcoming [events here](#)

Webinars

November 13 9AM PT
BrightTalk - [Software Defined Storage](#)

November 11 10AM PT
Google+ Hangout [Dell BackupU](#)

November 11 9AM PT
BrightTak - [Software Defined Data Centers](#)

October 16 9AM PT
BrightTalk - [Cloud Storage Decision Making](#)

October 15 1PM PT
BrightTalk - [Hybrid Cloud Trends](#)

October 7 11AM PT
BackupU - [Data Protection Management](#)

September 18 8AM CT
Nexsan - [Hybrid Storage](#)

September 18 9AM PT
BrightTalk - [Converged Storage](#)

September 17 1PM PT
BrightTalk - [DCIM](#)

September 16 1PM PT

SSD, SDS, VMware and VVOL among others items.

Commentary In The News

A lot has been going on in the IT industry since the last StorageIO Update newsletter. The following are some StorageIO industry trends perspectives comments that have appeared in various venues. Cloud conversations continue to be popular including concerns about privacy, security and availability. Here are some comments at SearchCloudComputing: about moving on from cloud deployment heartbreak.

Nand flash Solid State Devices (SSD) continue to increase in customer deployments, over at Processor, here are some here are some comments on Incorporating SSD's Into Your Storage Plan. Also on SSD, here are some perspectives making the Argument For Flash-Based Storage. Some other comments over at Processer.com include looking At Disaster Recovery As A Service, tips to Avoid In Data Center Planning, making the most of Enterprise Virtualization, as well as New Tech, Advancements To Justify Servers. Part of controlling and managing storage costs is having timely insight, metrics that matter, here are some more perspectives and also here.

Over at SearchVirtualStorage I have some comments on how to configure and manage storage for a virtual desktop environment (VDI) while over at TechPageOne there are perspectives on top reasons to switch to Windows 8.

Some other comments and perspectives are over at EnterpriseStorageForum including Top 10 Ways to Improve Data Center Energy Efficiency. At InfoStor there are comments and tips about Object Storage, while at SearchDataBackup I have some perspectives about Symantec being broken up.

View other industry trends comments at the here

Tips and Articles

Recent Server and StorageIO tips and articles appearing in various venues include over at SearchCloudStorage a series of discussion often asked question pieces:

Are you concerned with the security of the cloud?

BrightTalk - Data Center Convergence

September 16 Noon PT
BrightTalk - BC, BR and DR

September 16 1PM CT
StarWind - SMB 3.0 & Microsoft SOFS

September 16 9AM PT
Google+ Hangout - BackupU - Replication

September 2 11AM PT
Dell BackupU - Replication

Videos and Podcasts

Video: Docker for Smarties

StorageIO podcasts are also available via iTunes and at StorageIO.tv

From StorageIO Labs
Research, Reviews and Reports

Enterprise 12Gbps SAS and SSD's
Better Together - Part of an Enterprise Tiered Storage Strategy
In this StorageIO Industry Trends Perspective thought leadership white paper we look at how enterprise class SSD's and 12Gbps SAS address current and next generation tiered storage for virtual, cloud, traditional Little and Big Data environments. This report includes proof points running various workloads including Database TPC-B, TPC-E, Microsoft Exchange in the StorageIO Labs along with cache software comparing SSD, SSHD and HDD's. Read the white paper compliments of Seagate 1200 12Gbs SAS SSD's.

Is the cost of cloud storage really cheaper?
What's important to know about cloud privacy policy?
Are more than five nines of availability really possible?
What to look for enterprise file sync-and-share app?
How primary storage clouds and cloud backup differ?
What should I consider when using SSD cloud?
What is difference between a snapshot and a clone?

View other recent as well as past tips and articles here

StorageIOblog posts

Recent StorageIOblog posts include:

- EMC buying part of Cisco investment in VCE
- Seagate shipped 10 Million storage HHDD's
- SNIA announces CDMI V1.1
- Docker for Smarties (e.g. non-dummies)
- CompTIA needs input for Storage+ certification
- August 2014 StorageIO Update newsletter

View other recent as well as past blog posts here

Resources and Links

Check out these useful links and pages:
storageio.com/links
objectstoragecenter.com
dataprotectiondiaries.com
storageio.com/ssd
storageio.com/ssd

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