TechDev Committee & SSSI TWG News.

Get involved, advance your career, & develop relationships!

TechDev meets on the first Monday of the month at 2pm PDT. TechDev continues to explore the Client Composite Workload (CCW) - a synthetic composite test stimulus based on captures of client PC usage. Use of a CCW can allow users to rank client SSDs in order of performance by using a single CCW workload. The CCW is updated as SSSI receives data from the WIOCP Incentive Program. You can join this effort by visiting the WIOCP incentive program at http://snia.org/forums/sssi/wiocp.

TechDev is also evaluating and qualifying hardware for listing with the SNIA PTS Reference Test Platform, or RTP. Standard RTP components allow an “apples-to-apples” comparison of SSDs using the PTS because the hardware is normalized by use of identical hardware components. Items currently being qualified include M.2 adapter cards, SFF 8639 backplanes and motherboard system, 12GB/s HBA cards and client motherboards with DevSleep capability. Interested parties may submit hardware to the TechDev for consideration.

The SSSI Marketing Committee calendars.

Committee Calls.

Regular PCIe SSD conference calls are held the 2nd Monday of every month at 4pm PDT and feature a guest speaker on topics of interest.

April had a presentation on the NVDIMM-SIG by chair Adrian Proctor of Viking. May had a presentation by Jon Tanguy of Micron on M.2 SSD storage.

SSSI Marketing Committee conference calls are held the 2nd & 4th Monday of every month at 2pm PDT.

Join the WIOCP program, get an Amazon gift card & qualify to win an Intel SSD!

The SSSI promotes SSD’s in the marketplace, and in turn also develops performance measurement metrics for solid state storage devices. Our various programs contribute to improvements in PC and server performance, network efficiency and other benefits. We are asking you to participate in a volunteer incentive effort to understand exactly what happens to disk drives when you use your computer for your everyday actions. It doesn’t cost you anything. In fact, we will reward you for collecting data that will allow us to identify patterns of storage access by various applications. So, get on board and be a part of something exciting!

What does the SSSI do this?

Validating OCP cards helps simplify your daily workload. By capturing statistics from a large number of computer users, SSSI can develop an “apples to apples” comparison of SSDs using the PTS because the hardware is normalized by use of identical hardware components. Items currently being qualified include M.2 adapter cards, SFF 8639 backplanes and motherboard system, 12GB/s HBA cards and client motherboards with DevSleep capability. Interested parties may submit hardware to the TechDev for consideration.

What exactly does the WIOCP capture?

The WIOCP (http://snia.org/forums/sssi/wiocp) captures IO statistics and allows an “apples-to-apples” comparison by your PC’s application. If you see a data or container is captured — key statistics on the types of data that is stored. This data is then analyzed to see what the SSSI team will use to determine what the data is used for. You are being asked to install a program that will capture data about what is happening on your disk when you use your PC. To get more information about the SSSI WIOCP program visit http://snia.org/forums/sssi/wiocp and follow the steps.

Let’s Get Social!

Please follow us on Twitter @SNIASolidState for the latest and greatest information about committees, events, collateral, and much more! & check out our awesome SSSI Blog while you’re at it!

Events.

DSI Highlights Solid State.

Solid State Storage and the SNIA SSSI were well represented at the recent SNIA Data Storage Innovation conference in Santa Clara, CA. Andy Warfield of Coho Data offered a keynote focused on architecting with Flash for webscale enterprise storage. Adrian Proctor, NVDIMM SIG Chair (Viking) and David Dale SNIA Chairman (NetApp) presented SNIA Tutorials Storage in the DIMM Socket and Benefits of Flash in Enterprise Storage. Tom Coughlin, SSSI Education Chair (Coughlin Associates) gave an overview of emerging storage and memory technologies. Eden Kim, SSS TWG Chair (Calypso), discussed SSSI synthetic enterprise application workloads.

Doug Voigt, NVM Programming TWG Co-Chair (HP) outlined the way to the Non-Volatile Memory frontier. And other Solid State Storage presentations highlighted speed, flash architecture, utilizing ultra-low latency, and changing the economics of flash storage. See more at the website www.snia.org/events/dsicon2014/presentations and enter username DSI2014 and password innovation to access the conference materials.

Coming up next month, SSSI will also be hosting a webcast about M.2 SSDs on June 10. Topics will include an M.2 Market Overview, M.2 Cards, M.2 Connection Schemes, NVM Express, and M.2 Performance... so stay tuned!