Lead the Transformation

Intel Developer Forum (IDF)
September 10-12
San Francisco

(intel®)

We are on the verge of a dramatic technology shift, where nearly all network functions will transform into software functions, running on industry-standard servers — just like data centers.

Software-Defined Networking (SDN), Network Function Virtualization (NFV), and Software-Defined Storage (SDS) are creating new opportunities in Telecommunications, and for Cloud and Enterprise networks.

Network transformation is happening now. At IDF, take time to get ahead of the curve. Learn more about these industry-changing technologies and products through a variety of training sessions, poster chats, hands-on labs, and demonstrations.

Visit the Intel Data Center and Software-Defined Infrastructure Community in the Technology Showcase area for ongoing demonstrations by our ecosystem partners:

6Wind	Inktank	Scality
Accton	Kontron	Smartcell
Alcatel-Lucent	McAfee	Spirent
Dell	Nexenta	Tail-f
EMC	Nokia Solutions	Tieto
F5	Procera	Verizon
HP	Qosmos	VMware
Huawei	Radisys	Wind River
IBM	Red Hat	Xyratex

Networking Division Training Sessions, Poster Chats, and Hands-on Labs

Date	Session #	Title	Description	Times	Room #	Led by
10-Sep	COML001	**Hands-on Lab:** Intel® Data Plane Development Kit and Wind River* Intelligent Network Platform with Deep Packet Inspection	Learn how to enhance packet processing performance using a combination of hardware and software acceleration. Applicable to NFV and SDN.	1:00-2:00 & 2:15-3:15 pm	LAB	Stephen Gooch, Mehdi Hashemian, Vo Tony, Abhishek Khade, Muthurajan Jayakumar
10-Sep	CLDC001	**Poster Chat:** Switching for High Density Microservers	This chat provides details on the new Intel® Switch that is tailored for high-density microserver applications, including features for software-defined infrastructure (SDI). Get details about the new Intel® Ethernet Switch FM5224, tailored for high-density microserver applications.	11:30 am - 1:00 pm & 3-4:30 pm	Station 11	Gary Lee
10-Sep	EDCC002	**Poster Chat:** Apache* Hadoop* Compression Acceleration using Intel® QuickAssist Technology		11:30 am - 1:00 pm & 3-4:30 pm	Station 9	Eric Kaczmarek
10-Sep	COML001R	**Hands-on Lab:** Intel® Data Plane Development Kit and Wind River* Intelligent Network Platform with Deep Packet Inspection	Learn techniques to enhance packet processing performance using a combination of hardware and software acceleration. Applicable to NFV and SDN.	3:45- 4:45 & 5-6:00 pm	LAB	Stephen Gooch, Mehdi Hashemian, Vo Tony, Abhishek Khade, Muthurajan Jayakumar
11-Sep	CLDS007	**Training Session:** OpenStack* Swift Erasure Code: A Smart Cloud Storage Solution with Higher Performance and Lower TCO	Learn how to utilize CPU cycles to gain better reliability with fewer storage disks.	5 - 6:00 pm	2005	Paul Luse, Jiangang Duan
11-Sep	CLDC002	**Poster Chat:** Intel® Atom SoC Microserver Debug Tools	Learn about hardware and software debug tools for Intel® Atom™ SoC-based microserver and storage platforms	11:30 am - 1:00 pm & 3-4:30 pm	Station 3	John Huie
11-Sep	COMC001	**Poster Chat:** Programming Software-Defined Networking with the Intel® Open Network Platform Switch Reference Design	Services traditionally provided via hardware appliances, can no longer scale with the growing demands of users. Learn about new options for Firewall, load balancing and DPI services.	11:30 am - 1:00 pm & 3-4:30 pm	Station 8	Recep Ozdag
11-Sep	EDCS008	**Training Session:** Virtualizing the Network to Enable a Software-Defined Infrastructure (SDI)	Learn about network hardware capabilities to optimize traffic management and performance of network overlays.	2:15-3:15 pm	2003	Brian Johnson and Microsoft
11-Sep	CLDS005	**Training Session:** How Intel® Technology Can Unlock Capacity Storage Solutions in the Cloud	Cloud storage solutions using Intel® technology.	2:15-3:15 pm	2005	Pankaj Kumar, Paul Levy
11-Sep	CLDS006	**Training Session:** Extending Intel® Open Networking Platform (Intel® ONP) for Next Generation Server Architectures	See how Intel® ONP switch initiative is extending to encompass both microservers and rack scale architecture. Get details about the new Intel® Ethernet Switch FM5224, tailored for high-density microserver applications.	3:45-4:45 pm	2005	Gary Lee
12-Sep	CLDL001	**Hands-on Lab:** Intel® Atom™ SoC Based Microserver and Storage Debug Tools	Learn about hardware and software debug tools for Intel® Atom™ SoC based microserver and storage platforms.	1- 2:00 & 2:15 -3:15 pm	LAB	Joe Winkles, John Huie, Larry Traylor
12-Sep	COMS004	**Training Session:** Utilizing Intel® Quick Sync Video for High Density Video Transcoding in Communications Servers	Learn about high-capacity transcoder solutions using Intel® Quick Sync Video application.	1- 2:00 pm	2003	Richard Dunphy, Ping Liu, Ryan Lei
12-Sep	COMS003	**Training Session:** Enabling Network Function Virtualization and Software-Defined Networking with the Intel® Open Network Platform Server Reference Design	Learn about the future of SDN and NFV environments, for virtual networking applications and solutions.	1- 2:00 pm	2003	Frank Schapfel, Eric Kaczmarek, Brian Skerry
12-Sep	COMS002	**Training Session:** The Future of Software-Defined Networking with the Intel®ONP Switch Reference Design	Understand the various SDN approaches for the data center and learn about Intel and Wind River user-programmable data center networking solutions.	10:45 - 11:45 am	2003	Recep Ozdag, Gershon Schatzberg
12-Sep	CLDC003	**Poster Chat:** Differentiated Storage Services	Learn how different classes of data can be set up with different storage system policies.	11:00 am - 1:00 pm	Station 10	Michael Mesnier, Michael McGrath
12-Sep	CLDC004	**Poster Chat:** OpenStack* Swift Erasure Code: A Smart Scale Out Cloud Storage System with Higher Performance	Learn the intelligent way to use CPU cycles to gain better reliability with fewer disk size requirements and a higher performance.	11:00 am - 1:00 pm	Station 11	Paul Luse, Jiangang Duan
12-Sep	COMC002	**Poster Chat:** Developing High Performance Intel® Architecture Based Network Function Virtualization (NFV) Solutions	Architectural analysis for developing high-performance NVF solutions on Intel® architecture. A case study forBRAS (Broadband Remote Access Server) workloads, is being used for this discussion.	11:00 am - 1:00 pm	Station 2	Trevor Cooper Xavier Simonart
12-Sep	EDCC003	**Poster Chat:** Virtualizing the Network to Enable a Software-Defined Infrastructure (SDI)	Learn about the products and technologies driving transformation to SDI.	11:00 am - 1:00 pm	Station 8	Brian Johnson

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