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OCP News Flash
Volume 1 | Issue 1
November 2017

Mission: The Open Compute Project Foundation is a 501(c)(6) organization which was founded in 2011 by Facebook, Intel and Rackspace. Our mission is to apply the benefits of open source to hardware and rapidly increase the pace of innovation in, near and around the data center and beyond.

The Open Compute Project (OCP) is a collaborative community focused on redesigning hardware technology to efficiently support the growing demands on compute infrastructure.

**Have questions
about the 2018**

Letter from the CEO: Reflections on Progress



We are excited to launch this newsletter to enhance our community communications. In doing so, it has caused me to reflect back on the foundation's

history. I was honored to join this community about six months after it started as CFO and secretary/treasurer. From the start, I have seen the thrills and challenges of growing the community.

I watched the community develop, initially driven by the passion of the founding board members and have seen the foundation team and projects form and evolve as OCP dramatically changed the way the data center industry buys hardware. I have seen our growing pains as we struggled initially to convert the initial passion and vision into value to the members, and have seen us struggle to ensure alignment from the board through all of the community. I've also seen champions come into the community that drove processes and improvements and I'm pleased to say I have seen new foundation staff, project leadership and members join

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Contact: Kari Burdette
Meeting & Event Manager
kali@opencompute.org

Want to Sponsor?

[Click here](#) to view the sponsorship prospectus that outlines the options available. Please note, all opportunities are offered on a first-come, first-served basis and most sponsorship levels sell out before the deadline!

Meet our Tiered Members.

Platinum



Gold

balances fresh ideas with existing experiences.

It is encouraging to watch a large community made up of representatives from more than 200 companies working together to develop and share ideas in a very complex industry. It is even greater to see those ideas influence and impact a global environment through adoption of these ideas. The occasional conflicts and issues still arise, but OCP continues to be a community that is well aligned from the board through to the community. The OCP community is willing to collaborate and work through issues and adapt to an ever-changing technology and business environment.



OCP U.S. SUMMIT 2018

March 20 & 21 | San Jose, CA

OCP is Gearing Up for the Summit!

The 2018 Open Compute Project (OCP) U.S. Summit is set to be held **March 20 - 21 at the San Jose Convention Center**. This annual Summit brings together more than 3,000 key decision makers, executives, engineers, developers and suppliers. Together, they help grow, drive and support the open hardware ecosystem in, near and around the data center and beyond. OCP is excited to announce the theme for the 2018 U.S. Summit:

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Silver



Meet our Solution Providers

The theme speaks to the adoption of the innovations and contributions occurring in the OCP community. OCP is clearly influencing new technologies, component innovation and new technology value chains.

The OCP Summit features a unique combination of educational content, product announcements, demonstrations, exhibits and networking opportunities. It offers an opportunity to interact with the OCP community and help shape the development and success of important projects.

Some key features that make the OCP Summit a continued success include:

- Keynote presentations made by industry titans
- Product announcements and innovation displays in the Executive and Expo Hall Tracks from Summit sponsors
- Engineering Workshops that feature in-depth discoveries from the OCP Project groups including Data center, Networking, Server, Hardware Management, Rack & Power, Storage, High Performance Computing (HPC), Compliance & Interoperability and Telco
- An Expo Hall packed with the latest OCP hardware and software offerings

Registration is now open! [Click here](#) to be taken to the event website where you can view more event details, important dates and registration fees.

Want to know how to get more involved?

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**Hewlett Packard
Enterprise**



to get your organization in front of the OCP Community.

Between demonstrating in a packed exhibit hall, presenting to an engaged audience and networking with attendees, the OCP Summit offers endless ways to form connections and build relationships.

Project Update

C&I Project

Currently looking at guidelines for submission of Reference Architectures and interoperability of equipment from various suppliers in an OpenRack or CG OpenRack-19 environment. Plug-fests are being orchestrated early next year for compatibility of cables and optics.

Data Center Project

Currently the team has released the Colo Facility Guidelines and Cable Color-Coding Schema within the data center. These will be available on our Marketplace. The team has also heard from one of its members on liquid cooling and its benefits in the data center.

Hardware Management Project

This project is extremely active right now with OCP Profiles being discussed for Redfish and OpenBMC. This will allow for a more consistent and robust way for managing open hardware.

High Performance Compute Project

This project is being revitalized to address the growing

Want to be an SP?

<http://opencompute.org/participate/how-to-become-a-solution-provider/>

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Project Leads

Compliance & Interoperability

David Wolfe (UNH) & Asim Rasheed (IXIACOM)

Data Center

Rob Bunger (Schneider Electric)

High Performance Computing

TBD

HW Management

Norman James (IBM) & Bernie Meir (Ericsson)

Networking

Omar Baldonado (FB) & Scott Emery (Cumulus)

Rack & Power

Steve Mills (FB) & Bryan Obernesser (Fidelity)

Server

John Stuewe (Dell) & Siamak Tavallaei (MS)

Storage

Jorge Campello (WD)

Telco

Kang-won Lee (SKT) & Bryan Larish (Verizon)

Getting in Touch...

CEO: Rocky Bullock

Compute nodes. Financial markets have shown a keen interest here so this effort is being targeted for this application, but could be utilized for others.

Networking Project

This is our most active group – with many work efforts going on concurrently: CBW (Campus Branch Wireless), ONIE (Open Networking Install Environment), ONL (Open Networking Linux), SONiC (SW for Open Networking in the Cloud) and SAI (Switch Abstraction Interface). Each subgroup has its own community and each is working to address requirements for networking.

Rack & Power Project

The R&P has been very busy with contributions for OpenRack V2 and a new carrier grade version of the 19" rack geared for Telcos. Along with improvements, there are discussions underway for accessories.

Server Project

This group has put forth the largest number of contributions to the OCP community. With mezz cards, open source design tools and the open source hardware development for Project Olympus, this is our busiest group.

Storage Project

The Storage community has been very busy developing a new HDD API optimized for cloud storage.

Telco Project

[Subscribe](#)[Past Issues](#)**CTO:**[Bill Carter](#)**VP Sales Channels:**[Steve Helvie](#)**Director, Marketing & Communications:**[Dirk Van Slyke](#)**Director, Community:**[Archna Haylock](#)**European****Representative:**[John Laban](#)**Membership/****Community Specialist:**[Michael Schill](#)**Meeting & Event****Manager:**[Kali Burdette](#)

spreading about their specs for a universal customer premise equipment and carrier grade OpenRack-19. Specs are leading to products and products are leading to improvements. There are collaborations underway with ONF, TIP and CORD for a more open software environment specifically for Telcos and edge computing.

To Join a Project today, [Click Here](#). Each Project lists the upcoming call schedule and its charter. Get Involved Today!



What is a Solution Provider?

The Solution Provider (SP) program is OCP's reseller program. The SP ecosystem includes manufactures, component suppliers, system integrators as well as VARs.

They provide a range of OCP Accepted™ and OCP Inspired™ solutions comprising of compute, storage and/or networking products as well as fully-integrated rack solutions (including software that runs on OCP hardware). Additionally, SPs have industry-specific offerings to address target OCP markets such as Telco, Finserv and HPC.

Being part of the SP program allows companies to list their solutions on the [OCP Marketplace](#) and have access to various sales enablement resources. If your

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contact Steve Hevie (steve@opencompute.org).

Foundation News

Presenting the OCP Incubation Committee for 2017-2019

IC Chair: Amir Michael (OCP Co-Founder)

Shortly after Facebook's custom servers went into production in January 2010 the Open Compute Project was launched to the public by Amir, Frank Frankovsky and Jonathan Heiliger. In January 2013 Amir became the vice chair of the Incubation Committee working with project groups, adopters and solution providers to on-board new technical submissions to the project. Amir continues to be active in OCP by speaking at sessions at the annual summit, engaging with his peers on the IC and advocating for OCP in the infrastructure community.

IC Vice-Chair: Eran Tal (Facebook)

Eran has led a variety of efforts to expand and establish OCP, including the drafting of the OCPHL, the formalization of the OCP tenets and the advancement of the first contributions with a full set of hardware design files, now a standard for OCP.

Compliance & Interoperability: Chad Somerlot (Rackspace)

As the C&I IC Rep, Chad's main responsibility will be to insure that the project community is creating hardware that is interoperate with legacy systems and that solutions are compatible, not only with other OCP gear

Data Center: Jason Schafer (Google)

Jason's role in the Data Center Project group consists of leading and collaborating with all communities surrounding the datacenter – both physical (facilities) and operational (efficiency & maintenance).

High Performance Computing (HPC): Phil Pokorny (Penguin)

Recently elected, Philip Pokorny will be helping to develop solutions geared towards high performance platforms. These include fully open heterogeneous computing, networking and fabric platforms optimized for a multi-node processor that is agnostic to any computing group.

Hardware Management: John Leung (Intel)

As the IC Rep for the HW Management Project, John will be responsible for directing the efforts for an OCP profile for RedFish. OpenBMC is currently being developed and once ratified, John will work to define the OCP Profile for OpenBMC as well.

Networking: Mark Shaw (Microsoft)

Mark is the IC Rep for the Networking Project Community and is helping to lead the efforts for team, including many of the subgroups like CBW (Campus Branch Wireless), ONIE (Open Networking Install Environment), ONL (Open Networking Linux), SONiC (SW for Open Networking in the Cloud) and SAI (Switch Abstraction Interface). Mark is also helping with the Project Olympus open source hardware development effort with the Server Project as well.

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James has been newly appointed as the IC Rep for the Rack & Power group. As the rep, James will help lead the OpenRack and CG Open Rack 19 efforts and associated rack and power contributions.

Server: Bob Ogrey (AMD)

The Server group is benefitting from the leadership of Bob who is helping with the multiple aspects of the community. There are 3 subgroups – Mezzanine Card, Project Olympus and ToolChain. All three are quite active.

Storage: Doug Bone (Hyve)

The Storage Community is working closely with Doug's leadership and guidance to put forth some very interesting projects such as rack derivative storage chassis and sleds for the OpenRack and EIA310-D and E19" racks. Components and peripherals include SAS, SATA, NVMe, SSD and PCIe to name a few.

Telco: Tom Anschutz (AT&T)

Under Tom's guidance and leadership as the IC Rep, the Telco Project has taken off – there are several contributions under way for uCPE (Universal Customer Premise Equipment) and edge networks devices.

Calendar

- November 29th – Live Webinar: Paving the way for an Open Approach to the Cloud Data Center (3pm GMT)
- Dec 1st – Wiwynn Tech Day 2017 (invite only)
Palo Alto, CA

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- [March 20-21st – OCP Summit, San Jose, CA](#)

For more details, see our [Events Page!](#)

You Spoke, We Listened...

OCP Converts to GoToWebinar for Project Calls

The OCP staff has recently completed a conversion from Fuze to GoToWebinar. All [project calendars](#) have been updated and can be [found here](#). If you subscribe to a project mailing list, you should have seen new invites via Google Calendar. All invites include the GoToWebinar access link, which will be the same for all recurring calls.

The foundation has recently hired a new Meeting & Event Manager, Kali Burdette. Part of her responsibilities include managing these OCP Project calls. Moving forward, Kali will start and moderate the GoToWebinar calls, handling the audio, questions, etc. Project Leads will continue to generate the call agendas and drive the discussion.

A brief instruction page to review before joining a GTW for the first time can be [found here](#). Also, if you are wanting to join via your mobile device only, you will need to download the GoToWebinar app. It's free and easy to use.

OCP is excited about this conversion as GoToWebinar is extremely user-friendly and easier-to-navigate than Fuze and other tools. OCP hopes this new

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discussions and provide a better experience to the
OCP community.



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