



OPEN

Compute Project





OCP Networking Project Engineering Workshop

August 29, 2017

OPEN HARDWARE.

OPEN SOFTWARE.

OPEN FUTURE.





Welcome and Introductions

OPEN HARDWARE.

OPEN SOFTWARE.

OPEN FUTURE.





Housekeeping

- Wifi
 - SSID: Cumulus-Guest
 - Guest pass key: OCP-ROCKS
- Conference rooms
- Open office space
- Bathrooms
- Kitchen area



High Level Agenda

- 10:15 OCP's Impact on Open Networking, JR Rivers, Cumulus Networks
- 10:30 OCP Introductions, Updates and Upcoming Events, Bill Carter, OCP
- 10:45 Flexswitch Update and Level Set, Amber Graner, SnapRoute
- 11:30 CBW Operator Call to Action, Rajat Ghai, OCP CBW Lead
- 12:00 Lunch
- 12:45 Introduction to workshop breakouts
- 1:00 Workshop breakouts
- 4:00 Wrap-up
- 4:30 Happy Hour



Open Compute Project's Impact on Open Networking

JR Rivers



OCP Update and Upcoming Events

Bill Carter

Participation

There are many ways to participate in the OCP Community.



Join

- Project Mailing Lists
- Project Calls

Drive

- Project Focus
- Thought Leadership

Run

- Project Leaders
- IC Committee

Contribute

- Specifications
- Products

Attend

- OCP Summit
- OCP Meetings
- OCP Panels
- OCP Engineering Workshops
- OCP Days
- OCP Events

The Project Communities

Certification and Interoperability

Data Center

Hardware Management

HPC

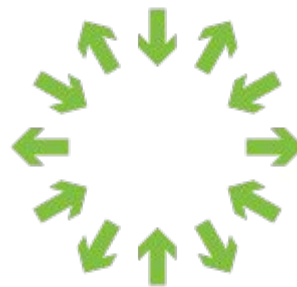
Networking

Rack & Power

Server

Storage

Telco



Each of these groups have the following:

- Online Meetings (<http://opencompute.org/participate/events/>)
- Wiki Pages (http://www.opencompute.org/wiki/Main_Page)
- Mailing list (<http://lists.opencompute.org/mailman/listinfo>)
- Section on the website (<http://opencompute.org/projects/>)

Each of these groups have a project lead and a representative on the IC.

Adopt OCP!



Our members are driving the innovation and adoption of open source hardware. Check out the OCP Marketplace today!

54 Products listed on
OCP Marketplace as of
August 2017 – and
counting!



OCP Marketplace

Welcome to the OCP Marketplace, where you can research products, review specifications and collateral, as well as find out how to purchase OCP products, so you can realize the many benefits of our open community. Use this tool to determine the right mix of OCP technologies to design and purchase a system that meets your specific needs.



Type of search


- ☒ Orderable Products
- ☐ Specifications & Design Collateral

Status

- ☐ OCP Accepted (45)
- ☐ OCP Inspired (6)

Architecture Category



- ☐ Network (34)
- ☐ Integrated Solution (1)

 > [OCP Marketplace Home](#)



Leopard Broadwell Performance Sku

Model #: SV7221G2
Part #: SV7221G2-P
Spec #: S0055
Provider: Wiwynn
Tags: N/A
Where to Buy: [Wiwynn](#), [ITOCHU Techno-Solutions Corporation](#), [Penguin Computing](#)

Description: Based on Intel E5-2600 V4 processors, OCP server features high computing power and optimized power efficiency with 6 SSDs.



Find out how to become an OCP Solution Provider and feature your products here



Upcoming Events

August 29	OCP Engineering Workshop (Networking)	Mountain View, CA (Cumulus Headquarters)
September 25	OCP Engineering Workshops at DCD Colo and Cloud (Datacenter, Telco, Server, MezzCard, Rack & Power, Hardware Management, Networking Project Groups)	Dallas, TX
October 24 – 26	OCP Showcase at the Broadband World Forum	Berlin
November 8	Engineering Workshops at DCD Zetastructure (Datacenter, Telco and Hardware Management and Server Project Groups)	London
December 13 – 14	Engineering Workshops at DCD Banking & Finance	Toronto





Flexswitch Update and Level Set

Amber Graner



Workshop Breakouts

All



Introduction to Workshop Breakouts

ONIE for ARM-based AP Platforms - Mojo Networks

ONIE Secure Boot for x86_64 Devices - Curt Brune, Cumulus Networks

OOM: A New Pluggable Module Driver - Don Bollinger, Finisar

SAI and SONIC - Xin Liu, Microsoft

OCP HW and SW Adoption Challenges - Bill Carter, OCP

OCP Networking Project Scope - Omar Baldonado and Scott Emery



Workshop Breakouts

Appoint a scribe - Shared Google Docs work great

Remote Access:

ACK-2 <https://bluejeans.com/243894095/6785?src=calendarLink>

ACK-6 <https://bluejeans.com/563343449/6785?src=calendarLink>



Wrap-up

Workshop breakout leaders



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