

OCP Networking Project Monthly Meeting Minutes

Date: 2017-05-08

Attendees

- Full Name (Org)
- Omar Baldonado (Facebook)
- Scott Emery (Cumulus)
- Curt Brune (Cumulus)
- Stegve Noble (Bi Switch)
- Robert Chu (Alpha)
- Jack Kohn (Juniper Networks)
- Xin Liu (Microsoft)
- Ashok Raman (Broadcom)
- Mike Allen (DellEMC)
- Jeff Catlin (Edgecore)
- Amber Graner (SnapRoute)
- Omar Sultan (Cisco)
- Prem Jonnalagadda (Barefoot Networks)
- Rajat Ghai - OCP CBW

Agenda

- 00 - Welcome
- 03 - Status of submissions
- 25 - Project status
- If time permits : Quick discussion on a joint CBW/ONIE work on secure ***“remote”*** boot ONIE requirements for CBW devices (APs & branch switches)

Notes/Announcements

- Plugfest next week - more info coming...
- Still no decision on when next potential workshops would be - our own brainstorming event is pending that info
- Note that Amber has moved on out of the Foundation (still in networking, just on “the other side” at Snaproute)
- Networking Leadership Summit - would anyone be interested in participating in such an event? Something in the spirit of <http://www.communityleadershipsummit.com/> if so, please let Amber know - amber@snaproute.com (she is polling all the networking related communities (hardware and software))

- Status of submissions - proceeding and asking IC to vote chronologically - please review if this all looks correct!
 - From 2016
 - Nephos - checklists and package ready for final IC review/vote
 - Edgecore - checklists and packages ready for final IC review/vote (except 256+512 chassis)
 - Agema - checklist and package ready for final IC review/vote
 - SK Telecom - still need checklist filled out
 - From 2017
 - Facebook (3) - Backpack, Wedge 100S, 100G-CWDM - checklists and packages ready for final IC review/vote
 - Barefoot (2) - Wedge 100B 32x100, 65x100 - specs received/posted, need design packages and checklists
 - Cavium (1) - Wedge 100C 32x100 - checklists and package ready for final IC review/vote
 - Alpha Networks (4) - Mont Blanc; Lake Superior; Ironman Copper/Fiber - specs received/posted, need checklists (Robert to follow-up)
 - Edgecore (4) - new at summit AS7800-64X; AS7300-54X; 4x4 ECW 5410 Wifi AP; 2x2 ECW5211 Wifi AP - specs received/posted, need to review with community (will do via mailing list), need design packages and checklists (in parallel)
- Project status (not including companies with submissions above)
 - ONIE
 - 2017.05 release is on target for May 17th release
 - Discussing enabling front panel ports in ONIE:
 - <http://lists.opencompute.org/pipermail/opencompute-onie/2017-April/001387.html>
 - Need more input from community
 - Discussing Secure Boot proposal
 - This is UEFI-based while the CBW discussion is uboot-based. Other issue is remote connectivity (over the Internet) in the CBW discussion as opposed to within the DC (which may require TLS/OpenSSL).
 - <http://lists.opencompute.org/pipermail/opencompute-onie/2017-April/001388.html>
 - Need more input from community
 - ONL

- Added support for more Quanta switches, Delta switches, Accton Wedge 100 submission, in discussions with other vendors.
 - Quanta LY4R has EFI for boot and has a BMC
 - Accton Wedge 100 has BMC integration
- SAI
 - SAI 1.1 released in March, proposal added -- TAM from BRCM (Telemetry and Monitoring)
 - SAI 1.2 release targeted at the end of June. Proposals will be included: [Microburst monitoring](#), [MPLS](#), [Segment Routing](#), [L3 FRR](#), Critical Resource Monitoring (for ASIC), [Vxlan and QinQ](#).
 - Community meeting time: every Tuesday 8~9am PST, FUZE link: <http://fuze.me/34034610>. Welcome to join us.
- SONIC
 - Community meeting done: [testbed setup](#), [platform porting guide](#), [configuration through minigraph](#)
 - We are going to do quarterly formal release, the first one starts from mid-May (next one after is middle of August). Will announce in tomorrow's community meeting.
- FlexSwitch
 - amber@snaproute.com - Sub-project lead
- CBW Group
 - Tech showcase based on different chips
 - Secure boot
 - User space apps
- Plugfests/Interop
 - <https://www.iol.unh.edu/event/2017/05/open-networking-cwdm4-plugfest>
 - Meeting tomorrow at 10 AM for a plugfest meeting - in OCP calendar
- Common Module Interface (OOM) - TBD