

Server Committee 6/15

- Attendees
 - Mark Shaw, Martin Goldstein, Siamak Tavallaei – Microsoft
 - John Stuewe – Dell
 - Bob Ogrey – AMD
 - Bill Carter – OCP
 - Boris, Yosi – Silicom
 - Kenneth Ma
 - Matt Bergeron
 - Paul Hartke – Xilinx
 - Rob Bunker – OCP Datacenter project
 - Scott Zimmerman – Bank of America
 - 3 phone numbers not identified
- Bill Carter – OCP CTO starting 7/1.
 - V2.1 today, Hyve had a submission that only require minor changes. Bill has done the updates Decathlete 2.2, sent to Intel for approval. Hyve submission needed
- Silicom submission
 - A few adjustments to make before publishing on the wiki.
 - New checklist to try out.
- Future mezz spec for pcie4 under investigation.
 - Boris would like more real estate for an FPGA based NIC. Would like to do red rock canyon.
 - Backwards compatibility important discussion.
 - 2.5A AUX power is difficult for traditional 1U/2U servers.
 - If all power is consumed, the card is >85W. Can't power it, can't cool it all.
 - Standard PCIe cards are less power, they're adding connector for more power.
 - Need to define optional areas on what is/isn't required.
 - Base card spec should have some thermal requirements (airflow, temperature)
- Boris: considering a BMC board, based on ARM card, BSD distribution.
 - Used for remote management. Could be a board that plugs into an existing board. Originally designed as a security design. Existing systems have BMC down.
 - Crosses across h/w mgmt team and server team.
 - OpenPower team is delivering OpenBMC.

