**OCP Server Committee, 2/28/14**

**Attendees:**

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| --- | --- | --- | --- |
| Bill Carter (Intel) | Bob Ogrey (AMD) | Chris Huff (Rackspace) | Erwin Centeno (Emulex) |
| Frank Helms (Samsung) | Fred Worley (Samsung) | Harry Li (Facebook) | Jayaprakash |
| Jean-Marie Verdun | Latsavongsakda S. | Mark Shaw (Microsoft) | Martin Goldstein (Microsoft) |
| Somu Kovvuri (Rackspace) | SuiLun Lam (NEC) |  |  |

**Agenda:**

* Welcome
* Next meeting date (propose 3/14, 2PT (not 1PT))
* Check out the website
* Mezzanine Spec Update
* Charter update (Mark to send version by 3/7)
* Projects – what projects should the team be working on?

**ACTION ITEMS:**

1. AI (Mark Shaw): Send slide summarizing the project submittal process to the opencompute-mobo list
2. AI (Bob Ogrey(?)): Contact Cole Crawford regarding a standard for naming conventions
	1. [note: I believe it was Bob that volunteered to contact Cole but I’m not certain]
3. AI (Harry Li): Send an update of the Mezz card spec presentation to the Server Working Group

**Next Meeting:**

* Next meeting**: 3/12/14, 9am PT**

**Wiki:**

* <http://www.opencompute.org/wiki/Motherboard/SpecsAndDesigns>

**Meeting Notes:**

* Next meeting: 3/12/14, 9am PT
	+ Cadence, regular meeting time has not yet been determined
	+ 1/month seems like not enough, 2/month may be too many
	+ But expect to have a lot to talk about for the first few meetings
	+ Proposal for 2nd and 4th Wednesday of the month – for March, 2014:
		- March 12th
		- March 26th
	+ Mark will send Outlook invite to the regular attendees
	+ Also will send a notice to the mailing list
* Project submission process
	+ Historically hasn’t been very formal
	+ Would like to get consistency on project submittals
	+ Suggestion that Mark Shaw send out the slide presented in the meeting to the group
		- AI (Mark Shaw): Send slide summarizing the project submittal process to the opencompute-mobo list
	+ Key points:
		- You have to be a member to submit / sign membership agreement
			* Every spec should have a contact name/email
		- There will be a template for specs
		- Spec will need to be reviewed with the project lead
		- Spec needs to go to the committee for feedback
			* May need to revise spec based on feedback
		- Some specs have not followed this process (or predate the process)
		- But this will give a process to follow for moving forward and will provide consistency for future specs
		- Cudos to Mark Shaw for the great work that he did on the recently published Specs
* Tracking specs that are in flight
	+ Amir has a spreadsheet where all the contributions are being tracked
	+ Would be helpful to have that spreadsheet (or some other representation of the status of active work streams) published for the community to track progress
		- Not clear if there is an owner for providing a version of the active specs to the community in an easily sharable way – TBD?
* Naming conventions
	+ Proposal to have a number and a description to avoid this issue
		- E.g. Motherboard #<number>, with a description of what it is
		- Avoids confusion and potential legal complications with non-descriptive names
		- Mark notes that the Wiki interface allows nice long descriptions that can take the place of fancy complicated names
	+ AI (Bob Ogrey(?)): Contact Cole Crawford regarding a standard for naming conventions
* Maintaining active status of specifications in progress
	+ Many specs are outdated or have been submitted but not completed
	+ Amir has suggested that contributors either update or retire specs that appear to be inactive
* Specification Template
	+ Mark Shaw has posted a specification template sample to the Wiki:
	+ http://files.opencompute.org/oc/public.php?service=files&t=b1a003079fb0b1613949b0108f259e8a
* Mezzanine card connector discussion
	+ Harry Li (Facebok) proposed a “sandwich” connector for SFP+
		- 2 cages underneath the PCB and 2 cages above, with the PCB sandwiched in between
	+ Proposal provides flexibility for 4-connector mezzanine card
		- still allows compatibility with original mezz card design by depopulating the top two cages
	+ Request for detail on clock matching for mezz cards
		- How much of the margin is held by the system side vs given to the mezz card side?
	+ Proposal to develop an encompassing spec for x8, x16 mezz cards
		- Baseline spec that can be quickly and easily customized for differences like the number of connectors
	+ AI (Harry Li): Send an update of the Mezz card spec presentation to the Server Working Group
* Charter update
	+ Mark Shaw expects to publish a new charter document for the OCP Server Committee by ~3/7/14 for the group to review and refine
* Active project update: Mircoserver card
	+ Update to specification for the Microsever card in progress
	+ Targeting April 10th to show to the review committee
	+ Microserver card is the official name of the card that goes into the Common Slot
		- Note that the name “Common Slot” is a misnomer – it refers to a common interface that follows the PCIe slot in form factor
		- Allows a common test bed for chip providers to test card compatibility
	+ “Group Hug” is the common name for the motherboard reference architecture that accepts a Microserver Card
* Future Agenda Items:
	+ Request to have the group review the current list of projects to help the new members get up to speed