TAC Meeting

February 27, 2020

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Agenda

1. Roll call
2. Approval of minutes
3. Action item review
4. Other non-CCC projects related to Confidential Computing
5. Relationship to other orgs
6. TAC Budget
7. Any other business

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Roll Call of TAC Voting Representatives

Quorum requires 5 or more voting reps:

Member	Representative	Email
Alibaba	Xiaoning Li	xiaoning.li@alibaba-inc.com
ARM	Grant Likely	grant.likely@arm.com
Facebook	Jinsong Yu	jinsongyu@fb.com
Google	Brandon Baker	bsb@google.com
Huawei	Zhipeng (Howard) Huang	huangzhipeng@huawei.com
Intel	Simon Johnson	simon.p.johnson@intel.com
Microsoft	Dave Thaler(*)	dthaler@microsoft.com
Oracle	John Haxby	john.haxby@oracle.com
Red Hat	Mike Bursell	mbursell@redhat.com

**TAC chair*

Approval of Minutes (deferred from last time)

https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2020/CCC%20TAC%20Minutes%202020-02-06.pdf

RESOLVED: That the minutes of the February 6, 2020 meeting of the Technical Advisory Committee meeting of the Confidential Computing Consortium as distributed to the members of the TAC in advance of this meeting are hereby adopted and approved.

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Approval of Minutes

https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2020/CCC%20TAC%20Minutes%202020-02-20.pdf

RESOLVED: That the minutes of the February 20, 2020 meeting of the Technical Advisory Committee meeting of the Confidential Computing Consortium as distributed to the members of the TAC in advance of this meeting are hereby adopted and approved.

Action Item Review

1. [Stephano] Eventually provide a better way (wiki list, perhaps GitHub issues) to track website content requests and their progress.
2. [Stephano] Determine if the last meeting was recorded and if so, place a link to that recording in Groups.io
3. [Pushkar Chitnis] Provide details for OE SDK ask on CI/CD pipeline costs [ON AGENDA]
4. [Stephano] Move outreach files into the main group and send a link to the list so that the TAC can access their materials (specifically the Positioning)
5. [Stephano] Add boilerplate templates to the “files” area of main group
6. [Stephano] Find the mission statement and submit a pull request for adding it to our GitHub repo
7. ~~[Stephano] Hold a vote (Groups.io Poll) on the new proposed definition of Confidential Computing [DONE]~~
8. [Stephano] Create a document around GitHub process and propose at the next conference call

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Other non-CCC projects

- Categories of related projects that exist today:
  1. **Not specific to CC** (but used by existing CCC projects), e.g., openssl, mbedtls
  2. **Not open source** (but used by existing CCC projects), e.g., SGX microcode, SGX driver for Windows
  3. **Not currently contributed** (but used by existing CCC projects), e.g., OP-TEE, ARM trusted firmware
  4. **Alternative architectures** (NOT used by existing CCC projects), e.g., Graphene, RISC-V TEE
  5. …others?

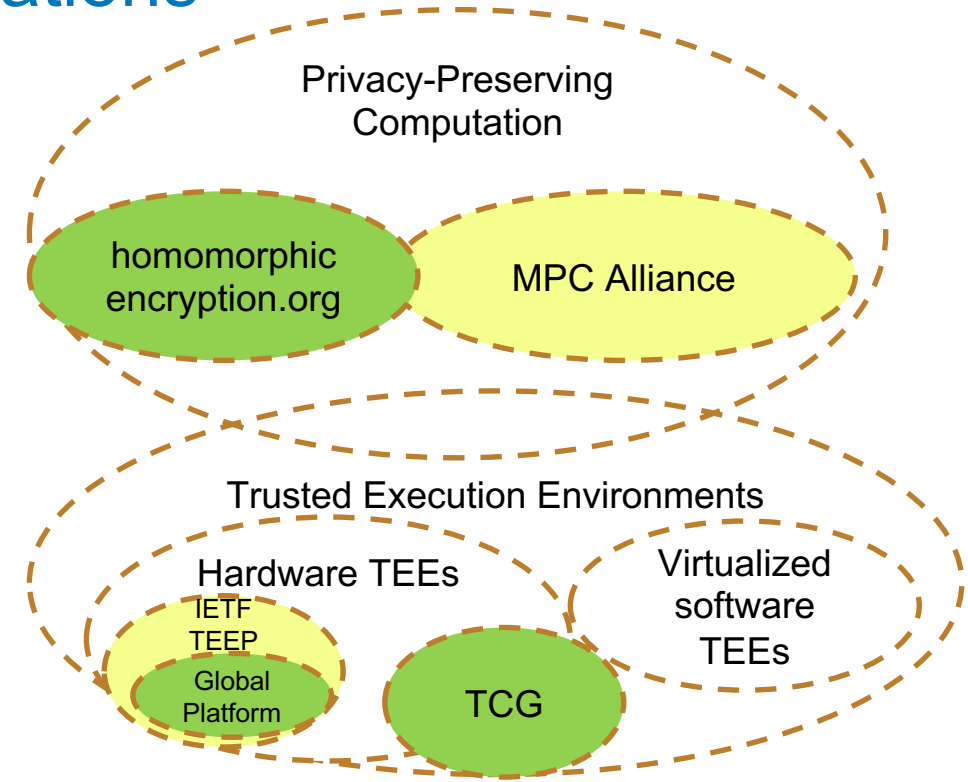
- What puzzle pieces *should* be CCC projects?

Relationship to other orgs

Many other types of relevant orgs exist:

- Standards orgs (IETF, GlobalPlatform, ITU, ISO, TCG, FIDO, etc.)
  - Should we be doing standardization?
  - Remote attestation standardization
- Threat researchers
- Academia
- Government funding bodies
- Government regulatory bodies

Organizations



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TAC Budget

TAC Budget

- Project Progression Policy says, about CCC resources:
  - **Regardless of stage**, all Consortium projects benefit from a deepened alignment with existing projects, and **access to** mentorship, support, and **Consortium resources**.
  - The **Sandbox stage** is for projects that the TAC believes are, or have the potential to be, important to the ecosystem of Technical Projects or the ecosystem of the Consortium as a whole. They may be early-stage projects just getting started, or they may be long-established projects with **minimal resource needs**.
  - In order to support their active development, projects in the **Incubation stage** have a **higher level of access to Consortium resources** as provided by the Governing Board of the Consortium.
  - …

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Old Placeholder Budget

- https://lists.confidentialcomputing.io/g/tac/attachment/30/0/Consortium%20Budget%20Nov%202019.xlsx

V. IT Infrastructure and Staff			
License Scanning	$40,000.00	Will grow as projects are added	Compliance
Test infrastructure	$50,000.00	A placeholder figure for now, discussion	IT Infrastructure
General Infrastructure	$10,000.00	IT Infrastructure	IT Infrastructure

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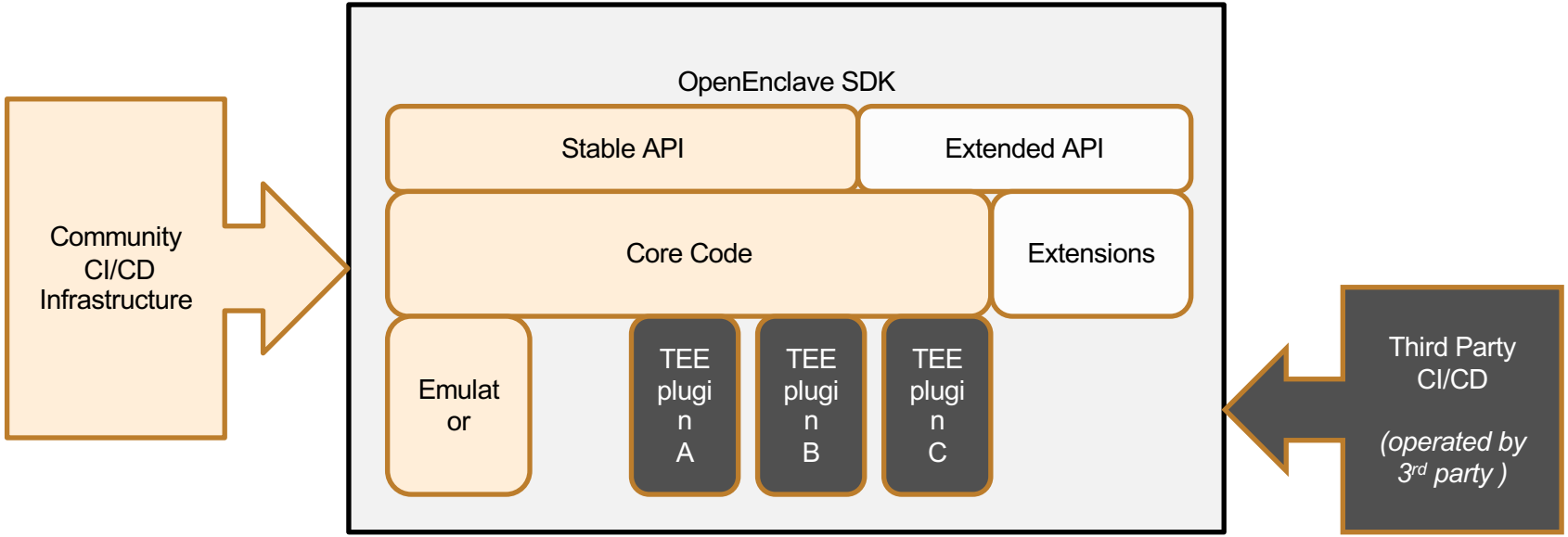
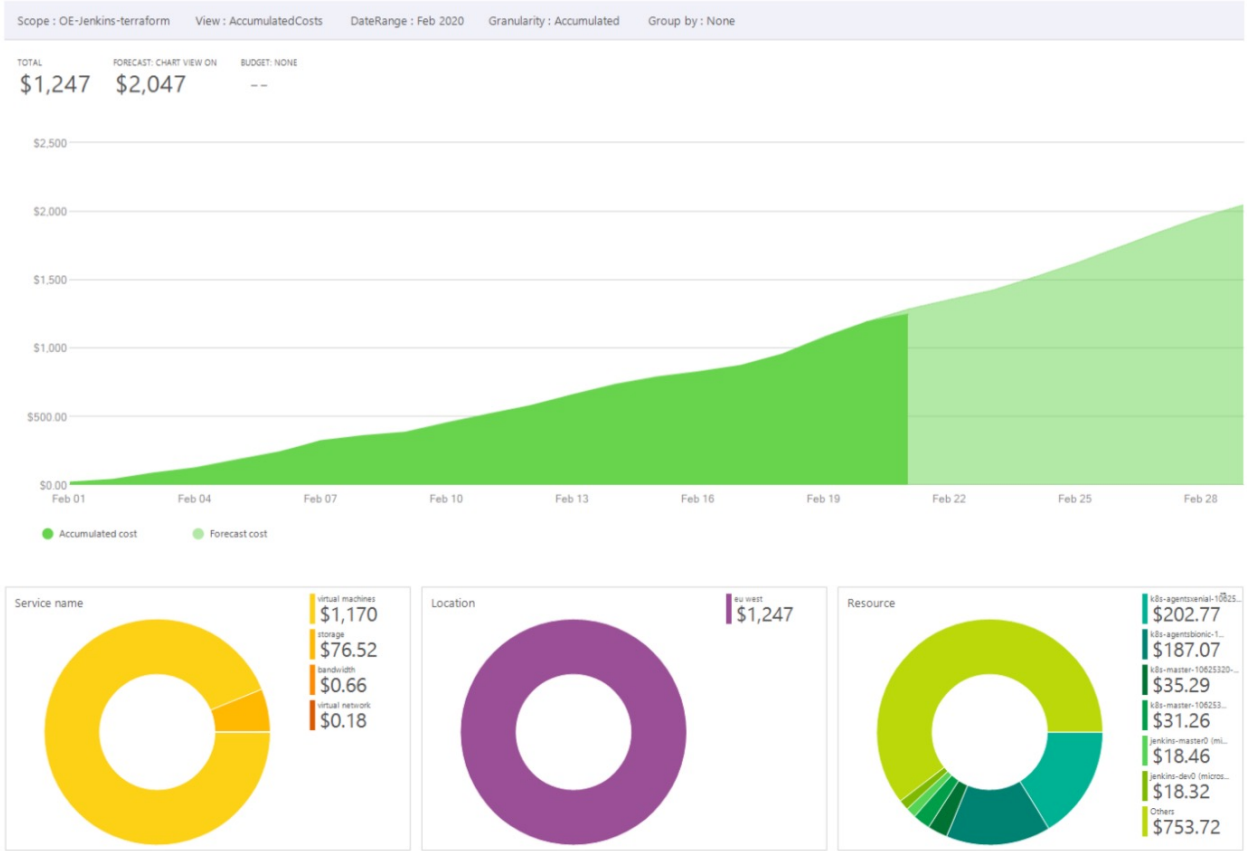


	Current Cost	Projected Cost
Jenkins	$50 /mo	$50 /mo
Storage	$120 /mo	$120 /mo
Standard tests	*($1.90 /run * 250 runs /mo)* $475/mo	*(50% growth)* $712/mo
New Tests (Windows, RH K8s)	$0	50% add'l
TOTAL		**$1,250 /mo**

USD is used as the currency, the region is West Europe.



Total cost/run: 8.234
Total NonSGX-Cost/Run: 1.8915

Any other business

Defer to future meeting(?):

- CC Use Cases
- Whitepaper on various types of TEEs
- …