2021-03-18 Project Stratos Sync Meeting notes

Attendees

- Mike
- BillM
- Bjorn
- Srivatsa (QC)
- Vincent
- Jean-Philippe
- Alex
- Arnd
- Don
- Mathieu
- Ruchika
- Ilias
- Pratik
- Joakim
- Arnaud
- Catalin (NXP)
- Srinivas
- Francis
- Pater
- Loic (ST)
- Diana (NXP)
- Satyaki
- Randy
- Bogdan (NXP)

- Review Action items
  - None

Discussion items

- Qualcomm presentation on their interests in RustVMM Srivatsa Vaddagiri

  rustvmm_qcom.pdf

Discussion Points

Alex: QEMU is reusable? The virtio-rpmb daemon is a standalone daemon which will interact with any master that speaks the vhost-user protocol. The re- implementation being written using the rust-vmm crates is tested with QEMU even though it has (obviously) no QEMU code in it.

SV: any barriers to that ask

Alex: relative maturity of the virtio support, this is why we have used traditional C,

SV: Arm64 is missing, Alex : It is generally supported - things like firecracker,  SV: rust-vmm is marked for 2021 roadmap
Tooling: AJB - basically use rustup to get the latest version of the LSP tools

Profiling: [https://github.com/flamegraph-rs/flamegraph](https://github.com/flamegraph-rs/flamegraph)

long discussion...

Pratik: QEMU guest loader, we the intention to load via Xen?

Alex: it is purely for being a development aid to test Xen under QEMU, it takes care of bypassing the other moving parts to get on with the job.

Pratik: is Xen aware of them, Alex: it just loads blob in the address space of what is being emulated.

Alex: not the same as dom0 less system, but perhaps could be extended, would be device tree based

Action items