Project Stratos (STR)

Proposed Plan (5 Oct 2020 - 4 Apr 2021)

Preliminary snapshot from September 17, 2020

Alex Bennee
The next cycle is focused on bootstrapping a new project and discussion staffing with members.

The committed resources are focused on the implementation of VirtIO interfaces, with a desire to generate an initial PoC demo to coincide with some AGL presentations in October.

We expect to get some additional engineering effort from the KWG team after the start of the cycle. This support comes from the author of the current virtio-iommu interface and should have a short ramp up.
Project Stratos (STR)

Next Cycle: Proposed

5 Oct 2020 - 4 Apr 2021

Implement Optimized VirtIO interfaces (STR-9)

- **STR-5** - VirtIO RPMB
- **STR-6** - VirtIO-MMU support for inter-guest memory protection
- **STR-13** - A demonstration of the portability of Virtio FE's between KVM and Xen systems
- **STR-15** - A linux host API for proving a limited sharing of a range of address space between two KVM guests

Remaining effort for 4 planned epics: 6.2 engineer months
Supplementary Information
Implement Optimized VirtIO interfaces (STR-9) - has planned epics

- **STR-1** - VirtIO Audio
- **STR-2** - VirtIO Watchdog
- **STR-3** - VirtIO SPI
- **STR-4** - VirtIO SCMI and other resource management approaches
- **STR-7** - Create a common virtio library for use by programs implementing a backend
- **STR-8** - Prototype a minimal memory profile virtio backed with front end changes
Previous Cycle Summary
Nothing.
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Last Cycle: Delayed

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Nothing.