Virtsys Meetup Paper Reflection

Meetup link: Virtsys Meetup

<This is a READ-ONLY template. Please download the doc or copy the content to a new doc.>

TODO: please write a 300-word paper review report that summarizes what you learned from this paper, what impresses you the most, what the technical flaws are, and how it compares to other systems you knew before reading the paper.

TODO: Pre-Meetup Questions from CSE 291
1. Name one benefit and one drawback of compiling a single-image VM.
2. Unikernel runs in a single address space. Give one example of how this design helps improve performance.
3. Comparing gVisor and Unikernels, which one do you think is more secure and which is more lightweight?

[**Optional**] you can also list the questions you have in the paper. In the meetup, I will go through the questions in FIFO order.

300-word count is not strictly enforced. You can write whatever you want, and you should view this as an opportunity to think and reflect.

Please finish the writing before **Monday 4pm PST** and send it to splvm's email: **splvm2021@gmail.com**

Some questions to think about:

John Ousterhout's Hints for Reviewing Papers

- **One paragraph executive summary (100-150 words)**
  - what is the paper trying to do?
  - what is potential contribution of paper?
  - short summary of strengths and weaknesses (sentence or 2)
- **One paragraphs of details (200 words)**
  - technical flaws?
  - structure of paper?
  - are key ideas brought out?
  - don't want to just describe system, also need motivation and justification of approach
  - justification -- can they say why ideas are important?
  - comparison with other systems? For bigger conferences (SOSP, ISCA, ASPLOS) need quantitative evidence of ideas