

# 2020-07-07 TWS Minutes

## Attendees & Representation

Casey Cain Prabhjot Singh Sethi Alexandre Levine Herakliusz Lipiec Michael Henkel Sai Pujita T Soujanya R M Subramanian M Sukhdev Kapur Edward Ting @Will Stevens Sanju Abraham

## Agenda

- Start the Recording
- Show the [Antitrust Policy](#)
- Agenda Bashing, Roll Call, Action Items
- General Topics
  - Discussion on operator framework
  - ~~Architecture discussion~~
    - ~~Inbound Code Discussion~~
  - ~~Release Plan~~
- Any Other Topics

## Minutes

### Operator Framework

- [Michael Henkel](#) reports that the Operator Framework is becoming the default installation method for TF and we are looking for feedback.
  - [Prabhjot Singh Sethi](#) We are working on updating our governance to ensure that all inbound code is a review and approval by the TSC.
    - This should help prevent future legal issues and stabilize the codebase.
    - We don't see a use for CRDs at this time. Asks Michael for some more information and context.
  - [Michael Henkel](#) We don't have a CNI. Explained why they needed to build a custom controller.
  - multiple custom controller are used to
  - [Prabhjot Singh Sethi](#) asks if we are supporting the necessary use cases with the Operator Framework
    - [Michael Henkel](#) The framework has been designed in a modular fashion to support clean code.
      - There is some documentation for the architecture, but it has not yet been exposed to the upstream community.
      - Still not deployed to TF yet.
    - [Prabhjot Singh Sethi](#) asks if some of that code should be developed in the upstream community.
  - We set up a method to collect status information without using SSH to connect to a deployment.
  - [Prabhjot Singh Sethi](#) We are moving away from the Kubernetes way of doing things and other things could suffer. We need additional focus on CRDs. This will become a key point in CNTT or CNCF and could create a bottleneck.
  - [Michael Henkel](#) We have done extensive performance testing with etcd and are not seeing any significant drain on resources.
  - [Sanju Abraham](#) Do we have any testing for SSDs?
    - [Michael Henkel](#) Not yet, but we do a lot of r/w with etcd. We have developed some best practices for configuring etcd.
    - [Prabhjot Singh Sethi](#) We need to be careful with our CNI and keep things internally vs passing resources to the user. Adding complexity and a heavy number of transitions to the deployments.
    - [Sanju Abraham](#) Alibaba has contributed some of the performance tuning of etcd for web scale operations here: <https://www.cncf.io/blog/2019/05/09/performance-optimization-of-etcd-in-web-scale-data-scenario/?spm=a2c65.11461447.0.0.74307dbahtkM8>
- [Sukhdev Kapur](#) We have a lively discussion and we are out of time. How should we proceed? Start a new call or continue the discussion on the mailing list?
  - [Edward Ting](#) We still have time to resolve this issue. Let's continue the discussion on the mailing list and then if necessary follow up on the next TWS call.

### Architecture Discussion

- Moved to next meeting

## Action items

- ☑ Casey Cain to follow-up with the community on the response to a request for legal advice on the references to Contrail and Juniper in the TF Codebase