

2019-07-11 TSC Meeting notes

Date

11 Jul 2019

Attendees

- [Darien Hirotsu](#)
- [VM \(Vicky\) Brasseur \(she/her\)](#)
- [Casey Cain](#)
- [Ian Rae](#)
- [Edward Ting](#)
- [Alex Levine](#)
- [Chuck Piercey](#)
- [Daniel Pono Takamori](#)
- [Lisa Caywood](#)
- [Prabhjot Singh Sethi](#)
- [Rudra Dubey](#)
- [Syed Ahmed](#)
- [Frederick Kautz](#) (from Network Service Mesh, aka NSM)
- [Martin Mailand](#)
- [Will Stevens](#)

Proxies

- [Gleb Kholodov](#) for [Valentin Sinitsyn](#)

Agenda

- Start the Recording
- [Antitrust Policy](#)
- Agenda Bashing (Roll Call, Action Items (5 minutes))
- General Topics
 - TF Deprecation Policy Review
 - [Tungsten Fabric Deprecation Policy \(DRAFT\)](#)
 - Network Service Mesh and TF collaboration - Guest Speaker (15-20 minutes) - added by [Sukhdev Kapur](#) , introduced by [Will Stevens](#)
 - LFN Code of Conduct <https://lfprojects.org/policies/code-of-conduct/>
 - Alex Levine: TF anonymous usage reporting client

Questions for discussion:

1. Domain name for statistics collecting server.
2. Resources to deploy the server.

Source code:

<https://review.opencontrail.org/#/c/52066>
<https://review.opencontrail.org/#/c/52077>
https://github.com/progmaticlab/tf_stats_server

- Alex Levine: Point folks to the proposed CI changes for TF: [TF CI Design and Improvements](#)
- Who's running the Technical Workstream Call now that Joseph's on sabbatical?
- Randy: Dockerhub access (who should have it?) [Docker Hub Account Management](#)
- LF: ONS EU demo proposals, please! (see [mailing list message](#))
- [Abhijeet Singh](#): ATT Docs contributions
- ~~Daniel Pono Takamori: Update on CI/CD~~ - noticed Alex's note above

Minutes

- Action items
 - Convert 5.1 blog announcement to release notes: [Darien Hirotsu](#) will take this over from [VM \(Vicky\) Brasseur \(she/her\)](#)
 - Tabling the question of TPC IP address; will be handled otherwise
 - Deferring all Sukhdev items (he's traveling)
- Frederick Kautz: Network Service Mesh + TF
 - https://docs.google.com/presentation/d/1-h60Rusi_Mc3TENjwmnOlfOxE-JNVobPpU89S_hWL-Y/edit?usp=sharing
 - <https://networkservicemesh.io/docs/concepts/narrative/>

- <https://networkservicemesh.io/docs/concepts/deepdive/>
 - Has been speaking with Will & Sukhdev (started in KubeCon EU 2019)
 - Presenting slides (will send to Casey to get attached to the minutes)
 - Problems solved by NSW
 - network service discovery & connection discovery
 - controller of controllers (even across organizations)
 - 3 primitives: client, network service, connection
 - Consumers: Want to request a service (for instance, a pod in k8s)
 - Operator gets to define what that service is
 - Basic service function chaining but enforced by policy & defined in a declarative way
 - CNF/VNF vendor gets to declare both the connection mechanism and payload; clear contract
 - Apply concepts from L4-L7 to L2 & L3
 - No need to define IPs, routes, subnets and the like since they're all negotiated as needed
 - Can swap out the data plane easily as long as there's something that knows how to do the conversion
 - Have a reference architecture based on VPP but looking to add different data planes
 - Instantiation of the interface is when the interface is requested
 - Could be during pod creation, or in middle of pod's lifecycle
 - Can create on the fly
 - Security?
 - NSM is looking into a security path now by way of Spiffe and Spire
 - Each connection has a cryptographically secured identity
 - RLB: Security policy...? TF has good and flexible security policy handling (matches well in k8s world). Can TF add value to NSM here?
 - Dynamically take an intent-based policy and apply to the dynamically-instantiated interface?
 - NSM current is focusing on identity
 - These policies don't live in the data plane
 - NSM having no control over what goes over the wire
 - TF could be valuable for this
 - Would rely on TF (or whatever) to pull identity policies
 - Come see #nsm channel on slack.cncf.io
- Deprecation policy review
 - [Tungsten Fabric Deprecation Policy \(DRAFT\)](#)
 - When to deprecate APIs, features, or both
 - Will move to the Docs repo once approved (Jira ticket for this: <https://jira.tungsten.io/browse/TFB-1452>)
- CoC
 - FYI: LFN TAC is developing a Code of Conduct (CoC), instead reaffirmed existing LF CoC that applies to all projects
 - <https://lfprojects.org/policies/code-of-conduct/>
 - So please have a look. It applies to us.
- Usage reporting client
 - Server that gets the stats from the container?
 - Opt-in, anonymous usage reporting
 - Can we get a server from LF?
 - stats.tungsten.io
- TF CI design & improvements doc
 - https://docs.google.com/document/d/1CMwfU_fwgf8Mlae-1z13XvhWBi3p79PKOMSALf2MGf0/edit
 - All the things that were done and are planning to do for the CI migration
 - The alignment between Juniper and the TF community
 - Increase test coverage & speed of tests, plus integrating pieces into the CI that never have been (tf-devenv, for example)
 - We'll be moving this to the wiki (probably)
 - Folks, please review this. Will review in ~2 weeks
- Who's running the TC calls?
 - VMB suggested [Prabhjot Singh Sethi](#)
 - No blueprints to review yet, but he'll take on running the meeting
- Dockerhub access, who should have it?
 - [Docker Hub Account Management](#)
 - Idea: 2 types of access
 - Owners
 - Builders
 - Currently 5 people as Owners
 - No builders yet (will be for automation & release management)
 - Zuul, release manager
 - Owners can manage everything, builders will have limited access to pull/push to existing container repos
 - Is this OK so far?
 - RLB: Down side to having more owners?
 - None, as long as owners take responsibilities
 - RLB: Just map it to the TSC
- ONS EU Demos
 - Proposals due by the end of the month
 - Get on this
- ATT docs contributions
 - Abhijit isn't here, Rudra will pick this up

Action items

