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 Hirotsuwill 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

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