

# 2020 TSC Election

If you would like to self-nominate for the TSC, please list your name, represented group, a short biography and statement of intent for running.

For details on eligibility and mechanics, please see [this page](#).

The nomination period will end 27 Feb 2020. It has been extended to accommodate change in the governance of the Project.

The TSC is responsible for:

1. Setting high level architecture goals and coordinating overall project architecture and technical direction
2. Selecting technology stack, software features and supported hardware including
3. Approving project or system proposals (including, but not limited to, incubation, deprecation, and changes to a sub-project's scope);
4. organizing sub-projects and removing sub-projects;
5. Developing Project use cases;
6. Defining and monitoring Project technical processes and interfaces with third party code and external projects including creating sub-committees or working groups to focus on cross-project technical issues and requirements;
7. Overseeing the Infrastructure Working Group other TSC working groups;
8. Appointing representatives to work with other open source or open standards communities;
9. Establishing community norms, workflows, issuing releases, and security issue reporting policies;
10. Approving and implementing policies and processes for contributing (to be published in the CONTRIBUTING file) and coordinating with other project committees to resolve matters or concerns that may arise as set forth in Section 7 of this Charter;
11. Engaging in discussions, seeking consensus, and where necessary, voting on technical matters relating to the code base that affect multiple projects;
12. Setting target dates for software development and testing;
13. Coordinating any marketing, events, or communications regarding the Project with the Manager of LF Projects and the Marketing Advisory Council of the LF Networking Fund of The Linux Foundation ("LFN");
14. Establishing a vetting process for maintaining security and integrity of new and/or changed code base and documentation, including vetting for malicious code and spyware; and
15. Establishing a security issue reporting policy and resolution procedure.

## Template:

### Name:

<photo>

Representative Group: <Community> or <Technical>

Short Biography:

Statement of Intent:

## Technical Representative Nominations

Name: Sukhdev Kapur



Representative Group: Technical

**Short Biography:** I am Distinguished Engineer at Juniper Networks working in the CTO organization. I have been very active contributor to TF from the onset of the community formation. I am on the TSC of Akraino Edge Stack, TAC (Technical Advisory Council) for LF Edge, and co-Lead for Reference Architectures for CNTT (Common NFVI Telco Task Force). I am a networking veteran in the Silicon Valley for 25+ years and have worked as an architect at several large and startup companies such as Arista Networks, F5 Networks, Cisco, Alteon. I hold several patents in the area of hierarchical distributed data center technologies, Disaster recovery, High Availability, Cloud and virtualization, Fabric Management, etc.

**Statement of Intent:** I have been helping expand the charter of TF in many ways, such as Kicking off TF group in China, Integrating TF with Akraino, Integrating TF with Network Service Mesh, Integrating TF into OPNFV (work is underway). I also represent TF community at many events and conferences. I intend to continue to do so.

=====

**Name: Prabhjot Singh Sethi**



**Representative Group:** Technical

**Short Biography:** I am Chief Architect at ATS and current TSC member. I have been the release manager for r5.1 community release and have been pushing for having a consistent build process for community. Along with Intel, I have pushed Tungsten Fabric project to start moving towards the upstream DPDK project instead of maintaining forks. I have been leading the technical work stream calls for couple of months. I have been on the LF networking whitepaper work group and helped compiling the tungsten fabric section for the whitepaper. I have also represented Tungsten Fabric at ONS - NA 2019 and ONS - Europe 2019.

**Statement of Intent:** I intend to lead Tungsten Fabric towards stronger community, more cross-platform projects and establish stronger footprint for Tungsten fabric project by addressing more use-cases.

=====

**Name: Sanju Abraham**



**Representative Group:** Technical

**Short Biography:** I have the opportunity to work as a Principal Architect, Network Software at Stackpath - hyper converged edge provider, whose founders brought to the Edge what they had accomplished in the data center and cloud at Softlayer (IBM Cloud).

While at Juniper Networks, in the most recent gig, I architected, designed and developed Contrail Multi-Cloud for securely interconnecting workloads across heterogeneous environments viz., private DC, public cloud and edge. I also designed and developed encryption for forwarding IP VPN overlays in the datacenter and private/public clouds. Some of the other projects I worked on in Contrail / then OpenContrail now TF are, high availability for Contrail and OpenStack, SSL based secure API for contrail config plane and was the first in orchestrating Contrail with Kubernetes on Google Cloud in 2015, with Kubernetes 1.0. Beside working on the code for enabling features, I also worked directly with some of the key Contrail customers in designing SaaS-based private cloud and contributed in solving some of the unique challenges that are faced in the SP, SaaS and enterprise networks. Have also presented OpenContrail / TF and Contrail capabilities and unique value proposition at various LF, ONF and meetups.

Prior to Juniper Networks, I worked at Cisco Systems and was part of the team that developed secure connectivity software using xmpp jingle signaling for IPsec, used by Smart Care Next Gen product lines. I and team patented the idea and implementation on virtual networks using websocket based transport mechanism to realize secure node-to-site and site-to-site virtual private network solutions.

My background prior to cloud technologies was in network management systems and software for telecom / datacom and wireless products at Cisco Systems (MGX series of switches and routers) and Veraz Networks (VOIP distributed soft switch).

**Statement of Intent:** We are living in the digital opportunity. The drive to digital transformation fuels the technological advancements in agile software based connectivity, security and analytics. I am a firm believer that TungstenFabric has the right foundational model for control and forwarding. I will champion the efforts and contribute to shape TF to address and stand out in the line of solutions for Multi-Cloud, Edge, IoT and 5G.

=====

**Name: Abhijit Sinha**



**Representative Group:** Technical

**Short Biography:**

I am working as a Technical Lead in Intel Shannon, Ireland with a focus on SDN (Software-defined network) and NFV (Network function virtualization) in the Network Platform Group. My current areas of interest are performance improvements in Tungsten Fabric vRouter by bringing in the latest DPDK vhost changes and help the community to move towards upstream DPDK. I have previously worked in the area of benchmarking VNFs and currently a committer in the OPNFV Yardstick project and represented it in various conferences like Openstack Summit, Vancouver 2018, ONS Summit, Amsterdam 2018 and OPNFV Plugfest, Paris 2019. I have also been involved in VNF Orchestration and been an active user of Openstack and Kubernetes. Apart from networking, I also have a passion for Artificial Intelligence and Autonomous driving.

**Statement of Intent:**

I intend to bring an increased cross-community collaboration and would like to help Tungsten Fabric to move towards the upstream DPDK project. I believe my experience and passion can help Tungsten Fabric to get to the next success level.

=====

**Name: Herakliusz Lipiec**



**Representative Group:** Technical

**Short Biography:** I am currently working as Software Network Engineer at Intel Shannon in the Network Platform Group with main focus on DPDK (Data Plane Development Kit). My current work involves performance improvements in Tungsten Fabric vRouter by leveraging the rte vHost library from DPDK in Tungsten Fabric vrouter. Previously I have worked on enabling of DPDK on embedded systems in Ubuntu Core environment.

**Statement of Intent:** I intend to help with DPDK utilization within the vrouter, to avoid additional maintenance. I would also like to engage in community development and growth as well as establishment of a proper development life-cycle within Tungsten Fabric project.

=====

# Community Representative Nominations

Name: Randy Bias



**Representative Group:** Community

**Short Biography:** Randy Bias is an entrepreneur, writer, speaker and futurist in cloud computing. He accurately predicted the geometric growth rate of AWS, is an advocate for open source technology and was among the first to identify the 30-year shifts from mainframe to client/server to cloud. Randy popularized the pets vs. cattle meme as a construct for describing the fundamental difference between how enterprise stacks and cloud stacks are managed.

Randy is a pioneer and early, vocal advocate for the OpenStack project, and has led teams that achieved numerous cloud firsts, including the first public cloud in Korea, the first global carrier NFV cloud, and the first "cattle cloud" for a Fortune 5 company. As a strategic R&D lead at Dell EMC, Randy led the open sourcing of several products, and today serves as Vice President Technology and Strategy, Open Source Software at Juniper Networks.

Most importantly, Randy was the instigator of the OpenContrail community reboot and led the charge to remove dependency on a single vendor and the transition to the Tungsten Fabric community. In 2019, Randy led the Tungsten Fabric TSC as the TSC Chair and was instrumental in driving the final transition from Juniper to the Linux Foundation. He currently sits on the Tungsten Fabric TSC, LFN Board, and the AECC Governing Board.

**Statement of Intent:**

- It is critical to me that we advance the TF community interests as follows:
  1. Finalize the full separation from Juniper and remove all Juniper Networks dependencies (we are 90% done!)
  2. Drive greater developer engagement through developer summits and broaden our base of contributors, including detailed analytics
  3. Penetrate the Kubernetes ecosystem by becoming one of the mostly advanced and broadly adopted security and networking solutions for k8s
  4. Create a greater sense of transparency and accountability within the community for our roadmap and ongoing development process

---

Name: Darien Hirotsu



**Representative Group:** Community

**Short Biography:** At TachTech, I help customers navigate enterprise and cloud security + networking in both a pre and post sales capacity. I have worked on production deployments of OpenContrail / Tungsten Fabric for various carriers and cloud providers, so I bring a history of technical experience to the Community Committee. In 2019, as a TSC member, my goals were to enable customers in their learning and adoption of Tungsten Fabric as a "go to" solution for controller based networking. I did so by supporting activities such as growing of the docs project team, acting as a mentor for Tungsten Fabric GSoC interns, and marketing activities such as blog(s) and release notes for the 5.1 release. In 2020, I want to be hyper focused on "penetrating the Kubernetes ecosystem" by highlighting how Tungsten Fabric enables enterprise / cloud native Kubernetes use cases for the purposes of broadening the base of developers.

**Statement of Intent:** My key priorities as a TSC member are as follows:

- Support activities that enable growing the base of Tungsten Fabric developers through tasks such as improving developer documentation and enabling external developer outreach events
- Provide better visibility into Tungsten Fabric use cases targeted at DevOps/SecDevOps, NetOps, and cloud engineers in enterprise / cloud native environments

---

## Name: Edward Ting



**Representative Group:** Community

### Short Bio:

Edward Ting is an active 2019 TSC and has been with Tungsten Fabric for 3+ years. (<https://wiki.tungsten.io/display/TUN/Special+Technical+Seat+Election+-+Jan+2019>)

Edward seeks every opportunity, work or personal, to promote TF both locally and internationally. Below are the highlights of his accomplishments in 2019.

1. June 2019: promoted and spoke at the Network & Compute Developer's Conference (NCDC), Beijing. Authored conference report as well as Linux Foundation blog.
  - <https://wiki.tungsten.io/pages/viewpage.action?pageId=10060480>
  - <https://www.lfnetworking.org/blog/2019/07/23/tungsten-fabric-heads-to-china/>
2. November 2019: joined Sukhdev representing TF to Qingdao, China, for China User Group founding ceremony.
3. June 2019: helped ITRI Taiwan bidding a solution for National Center for High-performance Computing using TF.
4. July 2019: led the effort to complete the first Chinese version of TF Architecture. <https://github.com/tungstenfabric/website/blob/master/L10N/Tungsten-Fabric-Architecture-CN.md>

### Statement of Intent:

Edward has been from technical side for TF and 2020, Edward would like to contribute from the community side on the following areas:

1. Help grow the community, especially China user group, which has a massive interest in TF.
2. Contribute in security/vulnerability reviews.
3. Continue promote TF in every possible way.

---

## Name: Ian Rae



**Represented Group** – Community

**Short Biography** – I put up my hand at an OpenContrail meetup and volunteered to help marshal the project into an open source foundation, culminating in the Tungsten Fabric project under the LFN. I am the founder of CloudOps, likely the oldest independent cloud integrator that helps service providers build and operate clouds, and helps large enterprises adopt public cloud platforms. CloudOps team members have been ambassadors for projects under the Apache Foundation, OpenStack, and CNCF. We run meetups and workshops helping educate and support communities around cloud computing and related open source software. My personal background is tech startup engineering and associated entrepreneurship. I sit on the board of directors of Genome Canada and Transat.

**Statement of Intent** – My goal with TF is to help the community achieve escape velocity. Our mission at CloudOps is helping our customers own their destiny in the cloud(s) and we believe open source based software is a key foundation. We also believe networking is the hardest problem, especially in a multi-cloud world. I will focus on pushing for the independence and self-sufficiency of this important open source project, pushing to increase increase the accessibility and maturity of TF as a project which will be important in building a diverse and healthy community, which I will continue to promote.