

SFMIX

BOARD MEETING

March 8th, 2020



Conducted in person, with remote video attendee.

ATTENDEES

- Matt Peterson - President
- Tim Pozar -- Treasurer
- Bron Lewis -- Board Member
- Justin Seabrook-Rocha -- Board Member
- Navin Francis -- Secretary (remote)

AGENDA

1. Matt proposes to adopt the meeting minutes from the [September 15th, 2019 board meeting](#).

- a. Details:** n/a
- b. Action items:** post past meeting minutes as PDF files to public SFMIX website
- c. Motion:** Board to adopt previous meeting minutes from September 15th, 2019 board meeting.
 - i.** Proposed by: Matt
 - ii.** Seconded by: Bron

- iii. Votes for: Matt, Bron, Navin, Justin, Tim
- iv. Votes against: None
- v. Abstains: None
- vi. Outcome: Passes

2. Deploy in Santa Clara - QTS

- a. **Details:** QTS (datacenter operator) desires an SFMIX deployment within their Santa Clara location. QTS will sponsor our normal BOM (Arista DCS-7280SR switch, 100G optics, EdgeRouter ER-X, etc) as a one-time donation. Additionally QTS will sponsor 100G transport, OOB transit, and a remote hands monthly allocation at no cost to SFMIX.
- b. **Action items:** Sign contract with QTS executing zero cost monthly contract, install equipment, bring peers online, confirm donated equipment is updated under SFMIX as owner.

c. Motion:

- i. Proposed by: Matt
- ii. Seconded by: Justin
- iii. Votes for: Matt, Bron, Navin, Justin, Tim
- iv. Votes against: None
- v. Abstains: None
- vi. Outcome: Passes

3. Purchase 4x 100G optics, re-stock 10G optics

- a. **Details:** Numerous participants (Limelight, Google, etc) have indicated a desire to upgrade from multiples of 10G to a single 100G interface. We propose stocking qty 4 of 100G LR optics (most compatibility), along with re-stocking 10G optics (the total amount not to exceed \$2,700)
- b. **Action items:** Purchase flexOptix optics (total estimated under \$2,700) for 4x 100G (P/N Q.161HG.10) and 10x 10G.

c. Motion:

- i. Proposed by: Matt
- ii. Seconded by: Bron
- iii. Votes for: Matt, Bron, Navin, Justin, Tim

iv. Votes against: None

v. Abstains: None

d. Outcome: Passes

4. Limit 10G ports to 4 ports max under the \$1995/year pricing scheme

a. Details: Since we can now support 100G, it would be good to set and clarify a limit on the number of 10G ports included under the \$1995/year pricing for 10G (prior language indicated any capacity 10G or higher was included under \$1995/year).

b. Action items: Update website to include the 4 port max per \$1995/year for 10G ports

i. Motion:

1. Proposed by: Bron

2. Seconded by: Justin

3. Votes for: Matt, Bron, Navin, Justin, Tim

4. Votes against: None

5. Abstains: None

6. Outcome: Passes

5. Purchase additional Proxmox VM hosts

a. Details: Currently we have a single VM host at SF001 (rs #2, looking glass) and SF002 (rs #1, website, monitoring, etc). Neither of these are in a cluster, also both are deployed within the city limits of San Francisco. To increase physical and logical redundancy, we'd like a newer set of servers deployed at Fremont.

b. Action items: Purchase two Supermicro servers (SYS-E300-9A 1RU case with [A2SDi-TP8F](#) 12 core, 64G, 2x1T flash drives) from Computerlink, total estimated under \$4,000.

i. Motion:

1. Proposed by: Matt

2. Seconded by: Bron

3. Votes for: Matt, Bron, Navin, Justin, Tim

4. Votes against: None
5. Abstains: None
6. Outcome: Passes

6. Disconnect delinquent participants

- a. **Details:** Disconnect participants that have not paid their 2018 / 2019 bills. The will not apply to 2020 bills which were sent in mid-February 2020.
- b. **Action items:** Tim generated owed invoices report from Xero, found a number of disconnected participants that should no longer be billed. Tim to request that Teri updates accounting to include the disconnected participants. Matt has been voiding departed participant bills in Xero.

Tim to send a 30 day notice this week (03/08/2020) to each delinquent participant about pending disconnection, disconnect to occur April 15th.

c. Motion:

- i. Proposed by: Matt
- ii. Seconded by: Justin
- iii. Votes for: Matt, Tim, Justin, Bron
- iv. Votes against: None
- v. Abstains: None

7. Outsource mailing list to Mythic Beasts

- a. **Details:** Several years ago SFMIX had a self hosted Mailman instance, this required frequent maintenance to deal with spam and OS security upgrades (*which would frequently break the Mailman software package*). More recently we've used G Suite for our email hosting, including a Google Group for members mailing list. A major deficiency is the Groups functionality will not allow other Groups to be a member, several participants use Google Groups for their own role (ie: NOC) accounts. Thus we can't send maintenance notices.

b. Action items: Engage Mythic Beasts to host mailing lists, where a contract is put in place to maintain this service. This would include DNS anti-spam records, virtual hosts (lists.sfmix.org and lists.na-ix.org), web interface, and MTA of their choice. Mythic does this already for organizations within our community, UKNOF comes to mind. Contract value expected to be <\$20/month or no cost.

c. Motion:

i. Proposed by: Matt

ii. Seconded by: Justin

iii. Votes for: Matt, Bron, Navin, Justin, Tim

iv. Votes against: None

v. Abstains: None

d. Outcome: Passes

8. Purchase additional Arista switch for a cold spare & renew support on existing switches

a. Details: Currently we have support contracts on all our Arista switches, some of which are expiring soon. We also have no spare switches in the case of a hardware failure. Ideally we should maintain support on 2 switches so we can still get software support, and have a cold spare switch that can be swapped in for a failed switch.

b. Action items: Renew support for 2 of the existing switches (~\$4k) and purchase a 6th switch to utilize as a cold spare (~\$14k).

i. This was approved by the board via an email chain on Feb 10, 2020. The motion details are captured below.

ii. Motion:

1. Proposed by: Matt

2. Seconded by: Navin

3. Votes for: Matt, Bron, Navin, Justin, Tim

4. Votes against: None

5. Abstains: None

6. Outcome: Passes