BOARD MEETING
June 7th, 2020

Conducted over remote video.

ATTENDEES

- Matt Peterson - President
- Tim Pozar -- Treasurer
- Bron Lewis -- Board Member
- Justin Seabrook-Rocha -- Board Member

AGENDA

1. **Bron proposes to adopt the meeting minutes from the [March 8th, 2020 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 March 8th, 2020 board meeting.
      i. Proposed by: Bron
      ii. Seconded by: Justin
      iii. Votes for: Matt, Bron, Justin, Tim

iv. Votes against: None
   v. Abstains: None
   vi. Outcome: Passes

2. **Matt proposes to pay our annual ARIN bill ($900).**
   a. **Details:** n/a
   b. **Action items:** Pay bill with debit card on ARIN billing website
   c. **Motion:** Approval paying annual ARIN bill for $900.00.
      i. Proposed by: Matt
      ii. Seconded by: Bron
      iii. Votes for: Matt, Bron, Justin, Tim
      iv. Votes against: None
      v. Abstains: None
      vi. Outcome: Passes

3. **Purchase additional Proxmox VM hosts for SF**
   a. **Details:** We now have two clustered modern VM hosts in Fremont (each has 32G RAM, RAID-1 1TB SSD's, Atom C3858 12 core). We'd like to duplicate this setup in San Francisco too. Our legacy servers are older with limited RAM, one of which is dead. We propose a new Proxmox cluster of two servers located in San Francisco.
   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:** Purchase servers
         1. Proposed by: Matt
         2. Seconded by: Justin
         3. Votes for: Matt, Bron, Justin, Tim
         4. Votes against: None
         5. Abstains: None
         6. Outcome: Passes

4. **Finalize 100Gbps port pricing**

a. **Details:** A few members have inquired about upgrading to 100G ports, incorporated feedback from the recent members meetings - the board discussed a revised price that factors in the increased costs (limited ports on switches - meaning additional switches would need to be purchased for growth, also increased transport costs between sites, etc).

b. **Action items:** Update web site, and communicate to interested members.

    i.   **Motion:** Revise price to $9,995.00/annual for 100Gbps ports.

        1. Proposed by: Justin

        2. Seconded by: Tim

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

        4. Votes against: None

        5. Abstains: None

        6. Outcome: Passes

5. **Pay balance of loan to Matt as lump sum payment**

a. **Details:** On 03/19/2017 the board agreed to pay back initial SFMIX operating costs to both Tim and Matt. Tim was paid in full, Matt payments were put on a monthly schedule $250/month. Our bank (SF Fire Credit Union) switched online banking systems in late 2017, the last monthly payment was sent on November 1st, 2017. The updated online banking did not re-enable the recurring payments. A $3500 lump sum per the 03/19/2017 meeting minutes was paid to Matt, and 8 months of $250 monthly automatic payments occurred before the payments stopped by the bank system change. The current balance is $11,507.96.

b. **Action items:** Update web site, and communicate to interested members.

    i.   **Motion:** Pay the total remaining loan balance in one lump sum payment to Matt.

        1. Proposed by: Tim

2. Seconded by: Justin

3. Votes for: Bron, Justin, Tim

4. Votes against: None

5. Abstains: Matt

6. Outcome: Passes

6. **Define service level for qualified non-profits**

   a. **Details:** We have a number of non-profit's at various levels of bandwidth needs. We have not had consistent messaging *(generally with the assumption that critical infrastructure with low bandwidth needs, such as gTLD/ccTLD DNS operators)* and have had some ill-defined waiver of invoicing for non-profits such as WIDE, PCH, and RouteViews. We need a clear service level for non-profits that would be free. Less than 1Gb of traffic would have minimal impact on transport.

   b. **Action items:** Update web site, and communicate to interested members.

      i. **Motion:** Qualified non-profits such as 501(c)(3) or public education institutions (or the international equivalent) would get a free single port (with expected traffic levels <1Gbps as measured 95th percentile) on the SFMIX fabric. Organizations which take advantage of this, will be considered non-voting participants of SFMIX. If such an organization needs additional bandwidth or ports, it would be charged at the current SFMIX rates and promoted to voting member status.

         1. Proposed by: Tim

         2. Seconded by: Matt

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

         4. Votes against: None

         5. Abstains: None

         6. Outcome: Passes

7. **Research for a contractor to author/improve automation systems**

a. **Detail:** While we have a solid investment in Ansible (with a custom inventory flat file) that drives some of the provisioning steps for a new port, much can be improved to streamline this process. In addition, several items are not integrated into the automation pipeline – such as mailing list management, LOA PDF generation, etc.

b. **Action items:** Matt to write up steps for provisioning a new participant. This would be inclusive of both technical (switch config, DNS, web site), and administrative steps (billing, mailing list subscription, LOA generation). This data will be used for the evaluation of IXP Manager, NetBox plug-in, and/or standalone application. Board to discuss on the next steps.