

## **OPTN Network Operations Oversight Committee**

### **Meeting Summary**

**January 7, 2021**

**Conference Call**

**Kimberly A. Rallis, BS, MHA, Chair**

### **Introduction**

The Network Operations Oversight Committee met via GoToMeeting on 1/7/21 to discuss the following agenda items:

1. Offer Filters
2. Infrastructure and Security Advancements
3. Software Engineering Progress Report to NOOC Chair

The following is a summary of the Committee's discussions.

#### **1. Offer Filters**

Rob McTier, Business Architect, provided an update on the Offer Filters pilot.

Offer filters allow transplant hospitals to enter multifactorial criteria in order to screen offers more precisely. UNOS conducted phase 2 of the pilot between August 27 and December 2, 2020. During phase 2, kidney programs had the option to bypass organ offers using offer filters. Kidney programs also had the option to exclude candidates from filters based upon CPRA, OABDR mismatch, and candidate age.

Preliminary phase 2 results show that 40 kidney programs received 2,983 donors. Pilot participants are being surveyed for feedback. UNOS plans for a national rollout in the second half of 2021.

#### **2. Infrastructure and Security Advancements**

Tiwan Nicholson, Director of IT Operations, and Terri Helfrich, Director of Information Security, provided updates on UNOS' advancements to their infrastructure and security.

UNOS has datacenters located at the office headquarters in Richmond, VA, a secondary site in Sandston, VA, and a new datacenter located in Irving, TX. The Sandston, VA site, hosted by QTS, also serves as a backup site for the Organ Center's 24/7/365 operations. The datacenter at the Richmond headquarters office is on schedule to be decommissioned in March of this year. The server hosting is being moved to Nutanix. The multiple locations ensure services are always available. UNOS adopted AppDynamics last year, which gives visibility into UNet<sup>SM</sup> and ability to monitor its performance (e.g. when a user calls in reporting slowness, UNOS is able to see exactly where the slowness is and can resolve it from the viewpoint of the end user).

The UNOS team monitors all threat sources on a regular basis and can react proactively. UNOS was aware of the SolarWinds attacks and took the program offline and isolated it. The team is scouring indicators for any signs of compromise, and is looking at advice to bring it online again, at which point it will be rebuilt from scratch.

One of the new layers UNOS is implementing is a series of FortiGate Next Generation Firewalls. The move to these firewalls provides UNet<sup>SM</sup> with additional security capabilities.

UNOS is entering the last phases of the transition to CrowdStrike Falcon Insight, which is the new End-point detection and Response platform (EDR). The move to an EDR solution provides state of the art end point protection of workstations and servers.

The implementations also include a Next Generation Security Incident and Event Management (SIEM) system. Today's point solutions for monitoring and alerting are being augmented and/or replaced with this new capability. Next gen SIEMs pull together logs and alerting in one place and then analyze all of this data to identify issues or concerns in the environment. This can assist in identifying security issues but is also able to identify network and application issues. UNOS has pulled together the operational teams to identify the right solution to meet UNet<sup>SM</sup> requirements and are currently in the RFI process evaluating vendor solutions. Implementation will be in March of this year.

### **3. Software Engineering Progress Report to NOOC Chair**

Marty Wilson, Director of IT Software Engineering, provided a report on progress made by the Software Engineering department.

The team has expanded the use of Angular and Bootstrap. TransNet<sup>SM</sup> has been expanded to the iPhone, which was a request directly from the community. Almost all forms are now online interactive smart forms.

There has been tremendous progress in test automation over the last 4 years, creating significant time savings. The critical functionality of the UNet<sup>SM</sup> system can be tested in less than 2 days. These regression suites have also been critical to our ability to assess SWL 2019 impacts.

#### **Upcoming Meeting(s)**

- February 19, 2021
- April, 2021

## Attendance

- **Committee Members**
  - James Pittman
  - Joseph Hillenburg
  - Kelly Ranum
  - Kim Rallis
  - Michael Mittelman
  - Michael Moritz, MD
- **HRSA Representatives**
  - Christopher McLaughlin
  - Shannon Taitt
  - Vanessa Arriola
- **UNOS Staff**
  - Alex Tulchinsky
  - Amy Hamner
  - Bill Wooten
  - Dean Wilson
  - Marty Wilson
  - Rob McTier
  - Susie Sprinson
  - Terri Helfrich
  - Tiwan Nicholson