

20160921 CFISD Data Center meeting with Fortinet

Wednesday, September 21, 2016 2:36 PM

Action Items

- Ira - Send information from Layer 3 to SEs for comment/solution proposal - 9/21
- Ira - Set date/time for technical discussion of solutions for asymmetric traffic and deep packet inspection
 - If at all possible next week 26-30 Sep
 - Included in this meeting are Fortinet SEs, CFISD, Layer 3
- Ira - Action plan for implementation of agreed upon solution to include specific tasks, dates and point people assigned as accountable for completion of the task.

Notes

- Initial introduction from Ken on the current problem that we need a solution for with asymmetric traffic between data centers. Opened it up for discussion.
- Additional information received, so will need to bring back to guys for solution. (Ira)
- Environment unchanged since last we spoke. (Doug)
- Asymmetric traffic flow between the data centers
 - Is the problem an ingress or egress issue? (Ira)
 - Both (Doug)
- Spoke with Polly earlier this week to push it to 20Gb. (Ira) This is for the internet (Doug) purely data center connectivity.
- Applies across the board, worried about doing something different between the internet and data centers. (Ira)
- Hard pinning all traffic in and out of the data center currently. (Doug) The internet firewalling is not involved in the data center conversation. The only issue we have with the Fortinet and the data center is trying to get the data centers to handle asymmetric data between the data centers.
- IP addressing is on the documents from Layer 3
- Ira - will hand to internal group. Had a few options available. Phone call with options. Timeline - this evening sent over. Get something scheduled in two weeks. Ira will be out of town next week and need to have time to let SEs work on solution.
- Frankie - Issues with firewalls keep her up at night because of the underlying responsibility she has to ensure the students stay safe. There is also a responsibility and credibility issue with the board to ensure the funding is spent appropriately and that what was ordered is utilized and provides the district the solution required and expected. Went to the board originally for \$600K and then back for \$2.3M. This last time she had specifically asked the question "is this everything that we need? Is there anything else?" The answer was "no."
- Ira - Things are better than they were and progress is being made. Understands this is a with blanket statement but progress is being made. HA pairing was fixed as an example.
- Ira - There is the possibility of a Forticore option. Current customer is able to broker 300Gb/sec of traffic with full UTM.
 - Link for this sent to Doug (Layer 3) to look over.
- Frankie - What we need is a specific action plan with dates and point people assigned. Asked the question, "Who will be responsible for creating this?"
- Ira - Sending the information to the engineers and will work to setup a date/time for a detailed technical discussion on the solutions with SEs to come up with an action plan.