

NTAC Peering and Routing working group minutes 2/19/2019

1. Agenda Bash
 - a. None
2. Any feedback to Dave Farmer's email on on pmacct?
 - a. No feedback initially.
 - b. Dave gave a broad overview later in the call:
 - i. Use Netflow data to determine what would be dropped or not dropped if rPKI were implemented. Without dropping anything, you could graph what would be dropped as a result of invalid rPKI flows.
 - ii. For instance, one could tell I2 what would happen if they turned on rPKI validation on the backbone.
 - c. Shannon Spurling: if a smaller subnet is not valid but larger prefix is, what would happen? Discussion. Smaller subnet would be dropped. Dave: the main point is that it would show you what would happen IF validation would be turned on.
 - d. Karl Newell: Not trivial to implement but likely worthwhile. Karl will see about getting resources to spin something up on I2.
 - e. Michael Lambert: could show what would happen by connector.
 - f. Karl Newell: Deepfield might be able to help.
 - g. James Deaton: ARE-ON ran it for some time but switched to Kentik
3. Update on peering and TR-CPS
 - a. No update.
 - b. Blue Jeans moved to TR-CPS last Friday.
 - c. NANOG is this week and is likely a conflict.
4. Network Weather update
 - a. Tabled until next month
5. I2 network update
 - a. Matt Z: "Slushy freeze" for upcoming Global Summit.
6. AOB
 - a. Karl Newell: There seems to be a resurgent interest in inter-domain VPN.
 - i. Shared labels to stitch a VPN across multiple ASes.
 - ii. Will be discussing at Global Summit in network connector BoF.
 - iii. Kind of like VRF-Lite between domains.
 - iv. No orchestrative signaling.
 - v. Shannon Spurling: maybe find an API for signaling. Would like to have a way to automate. And a way to stitch across multiple domains in an automated fashion.
 - vi. Request to re-state problem definition. Inter-domain VPN services. Example use-case: campus spin up VRF to cloud provider requires many manual processes. Part of general move towards network automation.
 - vii. Matt Valenzisi: VLAN numbers are finite per port. Schemas are likely to conflict and there will always be a limit on the ability to delegate provisioning authority.
 - viii. Karl: let's work towards agreeing on a common schema.
 - b. I2 Global Summit meeting upcoming. NTAC meeting at 7am on Thursday; hope to see wg members there.