

Acquire and Deploy 100GB packet capture monitor

Measurement machine:

- Dual AMD EPYC ROME 7352, 24-core, 2.3GHz Processors; 256GB RAM;
- Two 480GB SATA SSDs for OS; Mellanox MCX516A-CCAT Dual Port 100GbE QSFP28 Network Adapter for streaming to Analysis machine

Analysis machine:

- (2) EPYC Rome 7452 2.35GHz Thirty-Two Core; 256GB RAM; (8) 1.6TB NVMe SSDs, 3DWPD Endurance for capturing data; (2) 240GB SATA (RAID1) for OS;
- Two 1/10GBase-T Ports (onboard); (1) Dual Port 100GbE NIC (MCX516A-CCAT) for accepting stream from analysis machine

Capture card:

- NAPAtch Link™ NT200A02 SmartNIC card,
- Mellanox MCX516A-CCAT card – testing

Backbone Link:

- DREN 100 GB link – San Diego

