

Spying on the UVA Network

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A dashboard that helps monitor UVA bandwidth utilization and the rate at which packets are sent across the internet through our software, Bro, **LIVE**

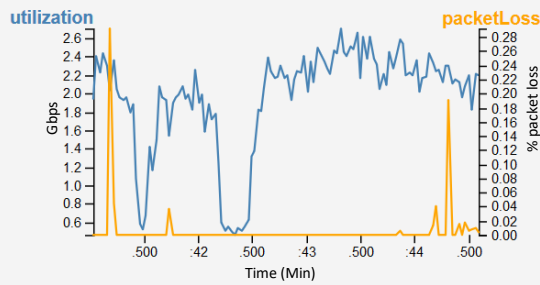
UVA Network Monitoring Dashboard

Last 30 Minutes

Show/Hide CPU Usage

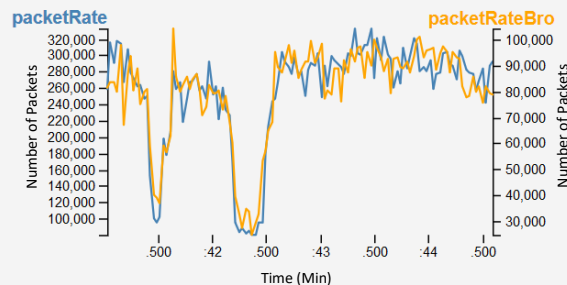
Provides a picture of the relationship between packets loss and network usage

utilization vs. packetLoss



Actual packets transferred vs the packets collected by our software Bro

packetRate vs. packetRateBro

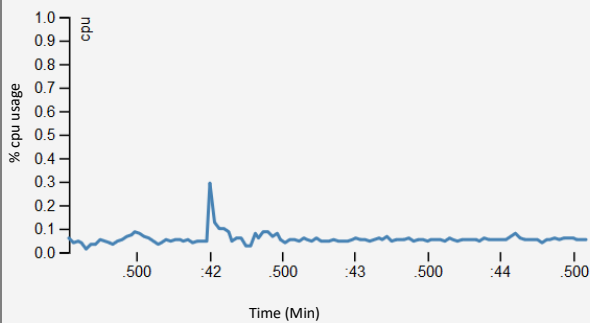


Show/Hide CPU Usage

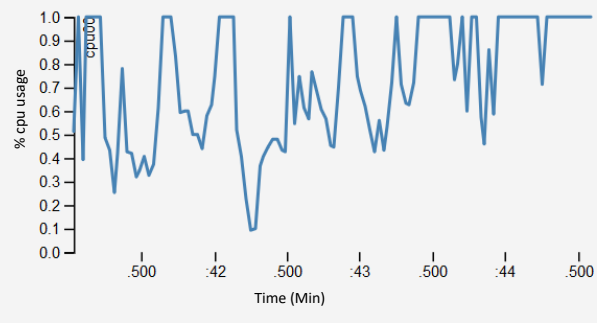
The Toggler

Bro runs on parallel CPUs, their utilization is directly proportional to the packet loss. This view helps us understand where the bottleneck is

cpu

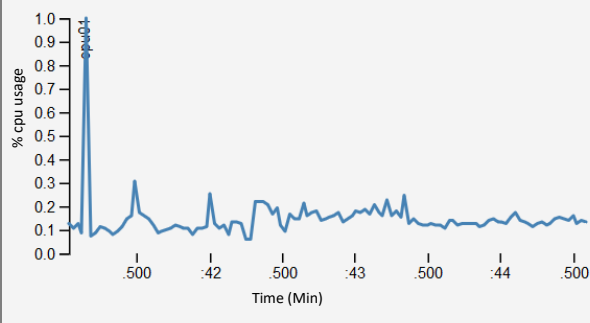


cpu00



high cpu usgae

cpu01



low cpu usage

cpu02

