– Untangle and Niagara Networks deliver innovative Internet Content Control Solution –

An Integrated Network Monitoring Solution

Niagara Networks and Untangle have partnered together to deliver an innovative joint monitoring solution. Untangle's Internet Content Control (ICC) appliance provides visibility and control over internet traffic. As a result of the dynamic content and application control, network administrators have deeper network visibility, analysis, and reporting onto what is going on and how to determine the best utilization of the bandwidth. The Untangle ICC hardware appliance supports up to 1GB of bandwidth. (The 1GB interface can have bypass technology built into it as well to ensure a reliable environment for constant monitoring. The bypass is in place to take away a single point of failure within the network.)

Problem

As a result of only being able to inspect up to 1 GB traffic on a single appliance, the ICC cannot be deployed directly into a 10GB network.

Solution Benefit Summary

• Plug & Play, User friendly Web GUI/Management

• Scalable Enterprise Grade Visibility & Security Solution

• Ensures Comprehensive Network Access, Visibility and uptime

• Support for 10G & 1G Network TAP, Filtering, Mirroring, Aggregation, Load Balancingand Speed Conversion between Network Links & Monitoring/Security Tools

• Continuous Monitoring and Breach Detection

• Comprehensive Network Forensics

• Software based Sensors can be deployed on commodity hardware or in virtual environments

• Detection via Analytics, Signature, Behavioral and File Analysis

• Query and Visualize Network Traffic

• Network Analytics, Reporting and Alerting
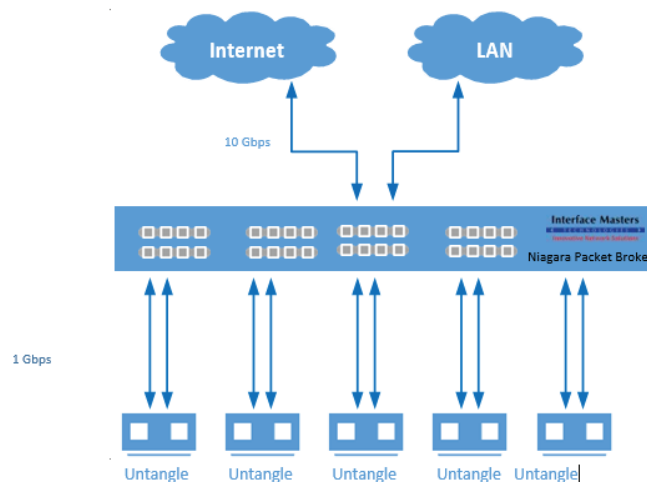
• Cost-Effective Solution

Solution

If a customer wants to deploy an ICC into a 10Gbps network, they can put a Niagara Networks' Niagara Packet Broker in line with the ICC and load balance the traffic appropriately. If, for example, a hospital network is using 4Gbps of bandwidth, 5-7different ICC devices could be installed in conjunction with the Niagara Packet Broker. Each system will support 0.6-0.8 Gbps and be able to absorb any microburst and no packet loss will happen from over-subscription. The network traffic would be load balanced over the devices while maintaining session integrity. Once all the traffic is passed through a particular ICC, it is then aggregated back together and sent onto the network (see figure 1). Utilizing a Niagara Packet Broker, a customer can support up to 10 or more ICC systems. This solution will ensure that the ICC can be deployed in any large network environment, such as schools, government and enterprises. Advanced features such as aggregation, packet filtering, packet slicing and mirroring can also be performed on a Niagara Packet Broker.

While this solution is addressing a 10Gb network, similar solution and architecture can be applied to 40Gb and 100Gb networks. Niagara's Packet Broker family supports 100Gb.

About Untangle

Untangle, a network software and appliance company, provides the most complete multi-function firewall and Internet management application suite available today. Designed to meet the network policy demands of organizations large and small, Untangle's award-winning software now ships on easy- to-deploy appliances. Untangle's proven network software solutions are installed in nearly 40,000 organizations, protecting more than 2 million people and their computers. With its try-before-you-buy approach, Untangle enables organizations to take control of their network within minutes and at no risk. Untangle is located in Sunnyvale, California. For more information, visit www.untangle.com

About Niagara Networks

Niagara Networks is a Network Visibility industry leader, with emphasis in 1/10/40/100 Gigabit systems including Network TAPs, External Bypass Switches, and Network Packet Brokers that integrate with monitoring systems, inline networking appliances, IPS, UTM, Load Balancing, WAN acceleration, and other mission-critical IT and security appliances. Formerly part of Interface Masters, a Silicon Valley based network solutions company, Niagara Networks recently spun off from Interface Masters to focus on its core competencies, and developed an independent company identity.

Niagara Networks offers the highest port-density systems, the most complete hybrid systems, and the highest quality and feature-rich Bypass Solutions in the market. Niagara's unique and modular designs, innovative next generation Network Visibility technology, including the 100 Gigabit-capable Network Packet Broker with hybrid functionality, and the ability to tailor systems to exact customer specifications, allow it to lead the industry with high quality, innovative products and exceptional service. For more information, please go to: www.niagaranetworks.com