

MetaPoint uncovers network traffic patterns for Tier 1 Carrier using NetFlow

THE CUSTOMER CHALLENGE

A global service provider contracts with 3rd party CSP's to deliver IP services to customers located in various regions around the world. When multiple 3rd party providers are used within a region, varying performance and operating procedures present a challenge to delivering consistent Quality of Service (QoS) across providers.

Disruptions with one provider may require strategic redirection of customer traffic to another contracted provider within a region to optimize the network performance and ensure customer satisfaction. Knowing precisely what traffic is flowing over each 3rd party provider circuit and understanding where changes can be made without disrupting customers is key to the success of such remedies.

THE SOLUTION

NetFlow, IPFIX, sFlow, JFlow, etc. are protocols created by the network equipment vendors for collecting IP traffic information and monitoring network traffic. They can provide information such as source and destination IP addresses and ports, number of packets, packet sizes, flow time stamps, TCP flags and routing information. The detailed information captured helps to identify top hosts, top applications and changes in network flow behavior and offers network administrators insight into IP/MPLS network performance.

Cirries MetaPoint software uses these protocols and data to provide the detailed information that enables network engineers to optimize the customer QoS and experience.

HIGHLIGHTS

- Provides large scale aggregation of NetFlow and other flow records directly from routers, switches and other generating sources
- Easily integrates with existing network support tools and analytics applications
- Enables detailed insight into customer-specific traffic flows

ADVANTAGES

- Flexibility to adapt to the operator's network
- High performance and scalable to keep up with core IP network traffic
- Support multiple protocols for additional capabilities

BUSINESS BENEFITS

- Greater network efficiency.
- Reduced capital and operating expenditures

