SOLUTION SHEET

WAN MONITORING

Real Time WAN Analytics for a Hybrid Network

Corvil WAN performance monitoring

Measurement of packet loss, jitter and latency across the WAN is a critical component to ensure the end user experience. As expectations of application performance increase, the demands put on the WAN call for more granular visibility than ever before. Flow based solutions miss the mark in todays high demand WAN. Packet based solutions like Corvil allow for response time measurement and transactional visibility.

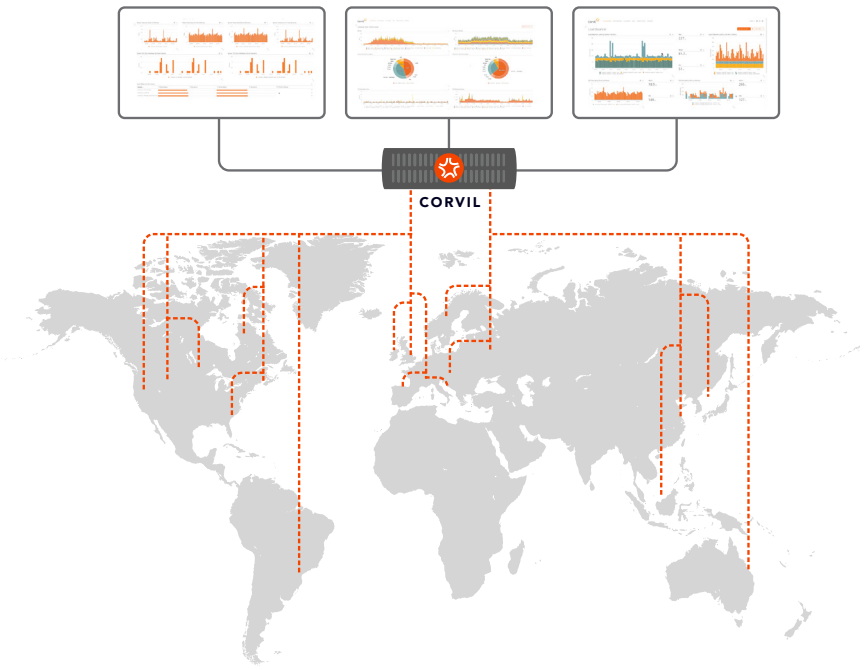
Problem overview

It is difficult to get to the root cause of packet loss on the WAN. Expectations of the end user in regards to WAN performance have outpaced the industry's ability to monitor the WAN at a granularity to see performance slow downs. Visibility of the traffic on the WAN is still critical to ensure that business-related traffic gets prioritized across this service.

Service provider WAN performance impacts applications. Validating service provider SLAs is difficult to do.

Challenges

- Jitter and latency still affect performance of modern applications and need to be measured
- Utilization is not a good KPI to determine WAN performance
- Flow records as a source of monitoring for the WAN do not provide visibility to the business or track response time performance
- Hybrid networks and micro services make it difficult to see and determine network traffic issues



OUTCOMES

View WAN performance at the microsecond level to solve difficult performance issues

See the effect of bursting applications that cause dropped packets

Report and alert on SLAs across all remote sites

Deep packet inspection gives key business insight in all applications traversing the WAN

Quickly triage and get to root cause of performance issues

Solution Overview

Corvil provides real-time reporting and troubleshooting of performance issues for the WAN and hybrid network. This includes the ability to view performance from a packet perspective with our rich library of decodes. Corvil's microsecond granularity is the right level of detail needed for today's high demand performance applications.

Corvil passively taps into the packet data flowing in the network which contains a highly granular and accurate record of all WAN activity. The Corvil solution uniquely mines this packet data by automatically discovering applications and protocols and reports on a number of key performance metrics. Corvil is a hybrid network probe providing both packet analytics and packet capture on one platform.

Benefits

Central management

- Auto-discover applications and protocols at all instrumented points
- Central real-time dashboard of all remote sites
- Central search for easy root cause analysis
- Global search of all packets

Disrupted, scalable monitoring

- Instrument strategic segments of the network
- Simple architecture to deploy: no need for additional software to get global view
- Optionally choose to deploy cost-effective capture only on appliances on remote network segments

Splunk integration

- Corvil connector for Splunk
- Real-time reporting of application messages
- Sent events and troubleshooting hotspots to Splunk
- Click back to Corvil for detailed analysis of the event from Splunk

FEATURES

Leverage familiar Splunk visualization and investigation capabilities to manage enterprise web application performance

Reduce MTTR with troubleshooting workflows enhanced with new levels of visibility into network performance and its impact on web application performance

Simplify root-cause analysis across multiple tiers of application and network infrastructure

Improve HelpDesk responsiveness with user transaction search and triage capabilities

Streamline IT Operations collaboration with network engineers with shared dashboards and simplified access to deeper packet inspection

CSS-120319