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STEELCENTRAL FLOW GATEWAY

COLLECT, AGGREGATE, AND COMPRESS FLOW DATA FROM ACROSS THE ENTERPRISE NETWORK

BUSINESS CHALLENGE

Accurate data collection is a must if you want to truly understand your network. Not just a sampled subset, but complete data about peak usage, packet loss, and quality of service (QoS) is the most powerful way to get real-time visibility and historical insight that can help you optimize delivery of your network services.

Yet in today's complex network environment, it can be difficult to quickly collect data from different devices and quickly gain an end-to-end view without having to install probes everywhere.

THE RIVERBED SOLUTION

The Riverbed® SteelCentral™ Flow Gateway solution collects and forwards flow data NetFlow, sFlow, J-Flow, IPFIX and other popular flow statistics) from network devices, de-duplicates common information, and then forwards it to the SteelCentral™ NetProfiler console for network troubleshooting, just-in-time alerts, and reports.

SteelCentral Flow Gateway Virtual Edition runs on VMware vSphere to provide added deployment flexibility.

KEY BENEFITS

» DELIVERS END-TO-END VISIBILITY INTO A FLOW, ENABLING REPORTS FROM DIFFERENT DEVICES TO TRACK PACKET LOSS OR CHANGING QOS

» MINIMIZES STORAGE REQUIREMENTS AS COMMON INFORMATION IS STORED ONLY ONCE, BUT UNIQUE INFORMATION IS STORED

» LOWERS TOTAL COST OF OWNERSHIP (TCO) WITH FLOW DEDUPLICATION

» UTILIZES EXISTING NETWORK DEVICES, E.G. ROUTERS, SWITCHES, AND WAN OPTIMIZATION SOLUTIONS, FOR A SCALABLE, COST-EFFECTIVE WAY TO GAIN INSIGHT INTO TRAFFIC AND BANDWIDTH USAGE

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KEY FEATURES

Track 100% of all flow traffic on the network

- Collects popular metrics from NetFlow (V1, V5, V7 and V9), IPFIX, Enhanced NetFlow, NBAR, sFlow V2 and V5, J-Flow, cFlow, Packeteer FDR, Citrix AppFlow, Palo Alto Networks, Cisco NBAR2, Cisco MediaNet, Cisco ASA NSEL and SteelCentral Flow from SteelHead appliances.

Deduplication

- Since most collection devices, including SteelCentral Flow Gateway appliances, charge by flow count, you'll save money because SteelCentral Flow Gateway appliances remove flow data redundancy through deduplication and centralizing the storage of flow data. SteelCentral Flow Gateway de-duplicates flows for end-to-end flow visibility, better accuracy in reporting, and lower total cost of ownership.

Reliable, compressed transmission

- Flow data is critical when every transaction counts but it shouldn't clog the network in order for you to analyze it. SteelCentral Flow Gateway aggregates the data, de-duplicates it, compresses it by five to ten times, encrypts it, and then transmits it via TCP for enhanced reliability and reduced impact on the network.

Data granularity

- All organizations can benefit from continuous flow data analysis, especially those in financial services, trading, government, healthcare, and retail. SteelCentral Flow Gateway supports up to one-minute data granularity so nothing is missed.

PRODUCT MODELS

SteelCentral Flow Gateway appliance supports from 150,000 -- 1.4 million flows per minute.

SteelCentral Flow Gateway Appliances					
Model	CAG-2260 Series				
Configurations	F1	F2	F3	F4	F5
Flow Capacity	150,000	300,000	600,000	800,000	1.4 Million

SteelCentral Flow Gateway Virtual Edition supports from 15,000 to 600,000 flows per minute.

SteelCentral Flow Gateway Virtual Edition							
Model	CAG-VE-100-F1	CAG-VE-100-F2	CAG-VE-100-F3	CAG-VE-100-F4	CAG-VE-100-F5	CAG-VE-100-F6	CAG-VE-100-F7
Flow Capacity	15,000	30,000	60,000	90,000	150,000	300,000	600,000
Hypervisor	VMware ESXi 5.0, 5.1, 5.5						

For complete configuration details and product models, please visit www.riverbed.com to download the SteelCentral specification sheet.

ABOUT RIVERBED

Riverbed Technology, Inc., at more than $1 billion in annual revenue, is the leader in Application Performance Infrastructure, delivering the most complete platform for location-independent computing. Location-independent computing turns location and distance into a competitive advantage by allowing IT to have the flexibility to host applications and data in the most optimal locations while ensuring applications perform as expected, data is always available when needed, and performance issues are detected and fixed before end users notice. Riverbed's 25,000+ customers include 97% of the *Fortune* 100 and 96% of the *Forbes* Global 100. Learn more at **www.riverbed.com**.

GARTNER MAGIC QUADRANT RECOGNITION

We're the ONLY leader in both the Gartner Magic Quadrant for Application Performance Monitoring (APM) and Network Performance Monitoring and Diagnostics (NPMD).*

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