SAMTEST

WAN PERFORMANCE MONITORING FOR ENTERPRISES – ONLINE GAMING PROVIDERS

veryx

OVERVIEW

With rapid growth in the global online gaming market, gaming companies have heavily invested in private or own proprietary data centers with the goal of providing the best quality of experience (QoE).

Gamers need to access to the fastest available route across the Internet, while also being insulated from the effects of network degradation due to:

Latency: The effect of response time delay or 'latency' is one the biggest areas of concern for online game companies because of its potential negative impact on subscriber churn and in-game transaction conversion rates.

Jitter: The amount of variation in latency, or 'jitter' also has impact on the QoE. Cloud based games suffering higher jitter would have adverse effect on players QoE.

Loss: Packet losses result in poor performance that cause customers dis-satisfaction and potentially stop playing the game -- never to return.

KEY BENEFITS

- 24x7 tracking of WAN links such as Data Center Interconnect, Cloud Interconnect and Branch Interconnect
- Easily identify degradation in the network
- Reduce mean time taken to repair (MTTR)
- Maximize customer retention and customer loyalty

KEY FEATURES

- Pro-active, real-time performance monitoring
- Auto-diagnostics on exceeding thresholds– Latency, Jitter and Loss
- On-demand diagnostics

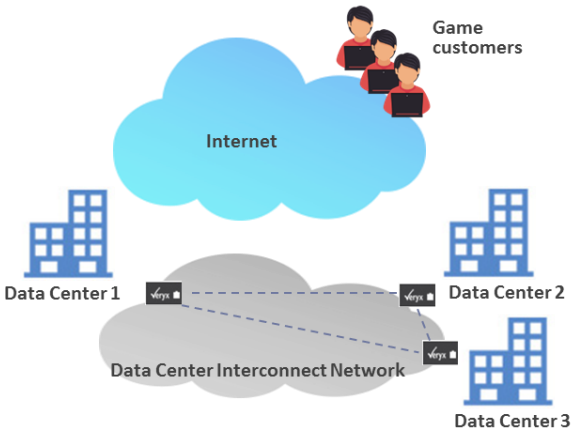

Figure 1: WAN Interconnect monitoring for gaming provider

With Veryx SAMTEST, online gaming providers can track and address degradations in the wide-area network before they affect users. SAMTEST active performance monitoring is the industry's first and foremost MEF 35.1 compliant tool, providing comprehensive standards-aligned WAN performance monitoring.

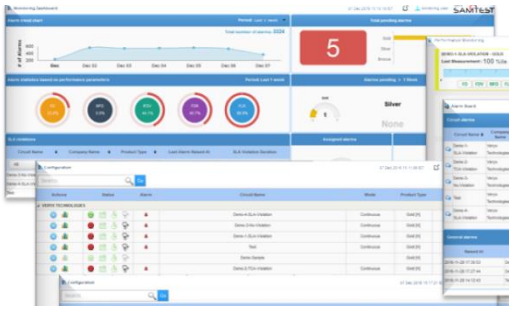

Figure 2: Monitoring screens and reports

SAMTEST supports continuous, periodic and on-demand monitoring. Whenever SAMTEST detects performance degradation, it not only raises suitable alarms, but also provides further insights on the violation to facilitate quick resolution of issues.

SAMTEST supports Initiator/Reflector probes for 1G and 10G interfaces.

SAMTEST also offers virtual PM Reflectors and Initiators for greater agility and flexibility.

VT-201

VT-1020

Figure 3: Physical PM Initiator/Reflector models

Virtual PM Initiator/Reflector
vCPU: 2
Memory: 2 GB
HD Space: 4 GB

Physical PM Initiator/Reflector
Dimensions VT-1020: 1.75"H x 17.5"W x 8.8"D (44.45mm x 444.5mm x 223.52mm) VT:201: 1.61"H x 7.7"W x 5.78"D (41mm x 196mm x 147mm)
Weight VT-1020: 10 Lbs. VT-201: 2.2Lbs.

Interface and Indicators
Front I/O VT-1020: 1xVGA Port, 2xRJ-45 GbE LAN ports, 2xUSB ports Test ports: 2x10GbE SFP+ VT-201: 1xRJ-45 GbE LAN ports, 3xUSB ports Test ports: 1GbE Electrical

Power
Power Supply VT-1020: 160W, 100-240V AC VT-201: 11.4W, 90-240V AC

Environmental
Operating temperature 0 to 40 degree Celsius
Storage temperature -20 to 65 degree Celsius
Regulatory FCC Class A, and CE Certified

About Veryx Technologies

Veryx Technologies provides monitoring and visibility solutions for enterprises, network service providers, cloud service providers, and data centers. Leading service providers and enterprises rely on Veryx solutions for network visibility, performance monitoring and testing applications for technologies such as IP, MPLS, Carrier Ethernet, Cloud, Data Center, SDN, NFV and Smart Networks.

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