NEXT-GENERATION MULTI-WAN GATEWAY

MPLS Augmentation | WAN Load Balancing | Link Bonding | VPN Bonding | Inbound Load Balancing | WAN Optimization
Application-Aware Routing | Application QoS | Centralized Management | Logging & Reporting | Network Security

Q-Balancer appliance is a next generation multi-WAN gateway solution that guarantees continuous connectivity for enterprise and cloud-based applications by load balancing and optimizing both outbound and inbound traffic across multiple WAN links. Q-Balancer appliance is incorporated with a variety of advanced network features, enabling enterprises to take full control of their WAN networks.

Unlike the traditional NAT-based link load balancing solutions, the WAN load balancing capability of Q-Balancer works in conjunction with application-awareness, which ensures unbreakable connectivity and increases service level and availability for corporate and cloud-based applications. Q-Balancer appliance is able to route or distribute traffic across a variety of Internet connections through the best-performing or least-loaded links based on business policy; it helps enterprises effectively harness multi-cloud networks and transforms inexpensive broadband connections into an enterprise-grade WAN.

QB-V2000 is a virtual appliance running on VMware vSphere virtual server, and provides same functionality as the physical appliance of QB-2000. QB-V2000 is designed for educations, large enterprises and data centers, and supports up to 52 WAN links and up to 20 Gbps throughput.

WAN RELIABILITY AND PERFORMANCE

Provides enterprises with unbreakable connectivity and increases service level and availability through routing or distributing traffic across a variety of Internet connections via the best-performing or least-loaded links based on business policy.

COST SAVING

Leverages inexpensive broadband connections and transforms them into an enterprise-grade WAN. The appliance offloads non-critical and general traffic from expensive MPLS circuits to save its expensive bandwidth for business-critical applications. The solution of centralized management system helps enterprises reduce time, cost, and probable human-errors associated with deployment and daily management for edge devices.

BETTER APPLICATION DELIVERY

Classifies business applications and selectively directs traffic down the optimal path. Application delivery works in conjunction with path monitoring and policy-based load balancing. The appliance tracks characteristics of all paths and uses the collected information to compute optimal paths for data transmission.

NETWORK SIMPLIFICATION

Reduces the reliance on expensive certified specialists as its configuration is simple and fast. The appliance helps enterprises mitigate the reliance on other network devices like routers, DHCP server, firewall, etc. With the consolidated features and user-friendly user interface, the complexity of network management can be lowered to certain level for branch networks.

HIGHLIGHTS

> Improving WAN reliability and performance

> Optimal application delivery

> Increasing VPN reliability and performance

> Augmenting MPLS reliability and performance

> Flexibly increasing WAN scalability

> Ensuring accessibility to internal server for external requests

> Lowering WAN OpEx and CapEx

> Mitigating potential security threats

> Reliable Internet connectivity for branch networks anywhere

> Enhancing dynamic routing capability

> Minimizing effort for branch devices installation

> Simplifying branch network infrastructure

> Increasing backhaul capacity

Q-Balancer®

QB-V2000

Designed for	Enterprise/ Data Center/ Campus
Recommended Users [1]	1500 - 20000+

SPECIFICATIONS

SYSTEM

Throughput (bps)	2 - 20G
WAN Links	7 - 52
Concurrent Connections	8M
Connections per Second	550K

HARDWARE

Hypervisor Supported	VMware ESXi / ESX 6.7 or above
Minimum vCPU Required	2
Minimum Network Interfaces	2
Minimum Memory (GB)	2
Minimum Storage (GB)	2
Warranty	1-Year Limited Warranty

Remarks: [1] Recommendation for sizing purposes only. No software restrictions applied. [2] All specifications are subject to change without prior notice.

ORDERING INFORMATION

PRODUCT	SKU	DESCRIPTION
QB-V2000 w/2Gbps	QB-V2000-1	One-year license for QB-V2000-1, which supports 7 WAN links, 100 bonding tunnels, and 2Gbps throughput.
QB-V2000 w/4Gbps	QB-V2000-2	One-year license for QB-V2000-2, which supports 52 WAN links, 5000 bonding tunnels, and 4Gbps throughput.
QB-V2000 w/6Gbps	QB-V2000-3	One-year license for QB-V2000-3, which supports 52 WAN links, 5000 bonding tunnels, and 6Gbps throughput.
QB-V2000 w/8Gbps	QB-V2000-4	One-year license for QB-V2000-4, which supports 52 WAN links, 5000 bonding tunnels, and 8Gbps throughput.
QB-V2000 w/10Gbps	QB-V2000-5	One-year license for QB-V2000-5, which supports 52 WAN links, 5000 bonding tunnels, and 10Gbps throughput.
QB-V2000 w/12Gbps	QB-V2000-6	One-year license for QB-V2000-6, which supports 52 WAN links, 5000 bonding tunnels, and 12Gbps throughput.
QB-V2000 w/14Gbps	QB-V2000-7	One-year license for QB-V2000-7, which supports 52 WAN links, 5000 bonding tunnels, and 14Gbps throughput.
QB-V2000 w/16Gbps	QB-V2000-8	One-year license for QB-V2000-8, which supports 52 WAN links, 5000 bonding tunnels, and 16Gbps throughput.
QB-V2000 w/18Gbps	QB-V2000-9	One-year license for QB-V2000-9, which supports 52 WAN links, 5000 bonding tunnels, and 18Gbps throughput.
QB-V2000 w/20Gbps	QB-V2000-10	One-year license for QB-V2000-10, which supports 52 WAN links, 5000 bonding tunnels, and 20Gbps throughput.