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VIRTUAL LINK BALANCER

DETAILED PRODUCT MATRIX

September 2017
Release 3.8.7

VLBX SERIES	VLBX400 SERIES			VLBX700 SERIES			VLBX1200 SERIES			QUANTUM UNITS	
PERFORMANCE	VLBX410	VLBX420	VBLX430	VLBX710	VLBX720	VLBX730	VLBX1210	VLBX1220	VLBX1230	VLBX2600	VLBX5500
Maximum throughput ¹ (upload and download combined)	100Mbps	200Mbps	400Mbps		600Mbps	800Mbps	1Gbps	1Gbps	1.5Gbps	3Gbps ²	12Gbps
Maximum throughput with Quantum Performance Pack (Option) ¹³										6Gbps ³	24Gbps ³
Number of sessions ⁴	64,000	128,000	120,000	120,000	256,000	256,000	256,000	512,000	512,000	2,048,000	4,096,000
Number of ISP links ⁴	2	6	8	10	12	14	16	24	32	64	256
Maximum number of Link Balancer instances (VFI)	1	2	2	1	2	2	1	2	2	2	4
Outgoing traffic balancing	•	•	•	•	•	•	•	•	•	•	•
Incoming traffic balancing		•	•		•	•		•	•	•	•
FEATURES	VLBX410	VLBX420	VBLX430	VLBX710	VLBX720	VLBX730	VLBX1210	VLBX1220	VLBX1230	VLBX2600	VLBX5500
Link Balancing											
Persistent session management	•	•	•	•	•	•	•	•	•	•	•
Number of networks (subnets) per link	4	4	8	16	16	16	32	32	32	64	64
Number of IDNS records (Intelligent DNS)		16	256		256	1,024		1,024	4,095	65,536	65,536
Real time balancing mode	NAT	NAT/TAG/PREF	NAT/TAG/PREF	NAT	NAT/TAG/PREF	NAT/TAG/PREF	NAT	NAT/TAG/PREF	NAT/TAG/PREF	NAT/TAG/PREF	NAT/TAG/PREF
Traffic shaping & bandwidth management											
App Optimizer for Deep-Packet Inspection (Option)	•	•	•	•	•	•	•	•	•	•	•
Quality of Service (QoS) rules ⁵	16	32	64	16	32	64	16	32	64	128	256
Site-to-site application acceleration											
SitePathMTPX supported ⁵		•	•		•	•		•	•	•	•
SitePath AES128 encryption		•	•		•	•		•	•	•	•
Maximum number of sites		1	2		2	4		8	16	64	512
Maximum number of paths		8	16		16	32		64	128	512	2,048
Hybrid WAN (powered by FMR)											
Remote Sites Supported		Up to 50	Up to 512		Up to 50	Up to 512		Up to 50	Up to 512	Up to 512	Up to 512
FMR Links		3	4		5	6		8	8	8	8
VPN instances		1	2		2	4		4	8	8	8
Tunnels per instance		10	25		25	32		32	64	64	512
VPN Throughput ⁶		100Mbps	100Mbps		150Mbps	150Mbps		300Mbps	300Mbps	750Mbps	1Gbps
Additional Balancing features											
Internet Service Vericator		•	•		•	•		•	•	•	•
Time of Day conditions		•	•		•	•		•	•	•	•
Intelligent Condition Vericator		•	•		•	•		•	•	•	•

1. Values reflect the guaranteed throughput that can be managed by the device for link balancing purpose.

2. Throughput can be achieved through the use of LAG + LACP(802.3AD). Available on VLBX2600 and VLBX5500.

3. To achieve this level of throughput, the end-user must use at least 2 VFIs and/or bond multiple ISP linkgs together.

4. Includes the total capacity of all Virtual Forwarding Interfaces (VFIs).

5. Some values listed in our specification matrix (including Throughput, Number of Sessions per second or Total Number of Sessions) should be considered "peak" values.

6. VPN throughput capacity is calculated based on the processing power of the according VLBX Series.

ALL DEVICES SUPPORT ETHERNET BONDING AND IPV6 INTERCONNECTIVITY

ALL DEVICES ARE BUILT WITH THE FOLLOWING FEATURES: Watchdog Timer and Session Guard (DoS protection).

ALL DEVICES SUPPORT THE FOLLOWING UPTIME-RELATED FEATURES: High availability deployments; Multimode.

ALL DEVICES SUPPORT: DHCP and PPPoE; Dynamic MTU/MSS; 802.1Q (Vlan); Real time filtering (shunning); NAT, Block NAT, NAT Masquerading and PAT; and come equipped with a built-in probe.