



WebMux Network Traffic Manager



Next Generation 64-bit Platform

Performance • Affordability

Discover the Difference



www.avanu.com

It is all about the user experience on your network - *Keeping everyone connected!*

WebMux is the affordable 64-bit strength load balancing solution for managing, controlling, and securing local network Layers 4-7 traffic

WebMux was one of the first three hardware load balancers (HLB) Microsoft® chose to support their Unified Communications (UC) platform back in 2005 for the Live Communications Server platform, the predecessor of today's Lync® Server. Features, performance, reliability, and affordability were the reasons why.

WebMux has evolved supporting a variety of Microsoft® applications including Lync® Server, Exchange® Server, Sharepoint®, Xbox® Live Games Server, and IIS. Common UC services include unified messaging, IM presence, team collaboration, audio/web/video conferencing, mobility, and VoIP. WebMux also supports the Reverse Proxy function replacing Microsoft's previous Forefront® TMG reverse proxy role.

Overall, WebMux supports a wide range of Internet TCP-IP and UDP-IP applications and services including databases, FTP, POP, terminal servers, and Web services.

Power of Performance

64-bit processing platform (removes memory performance limitations found with 32-bit platform processing)

Up to 16-core processors for highly-efficient threaded operations

High throughput performance

Model A400X/A400XD - up to 1.7GB

Models A500X/A500XD - up to 3.8GB

Model A600X - up to 20GB (10GbE)

Extensive Features (Included in all WebMux models)

Four load balancing operation modes

One-armed single network

One-armed out-of-path

Two-armed NAT (network address translation)

Two-armed transparent

Full-range load balancing scheduling methods

Least connections, least connections-persistent, round robin, round robin-persistent, weighted fastest response, weighted fastest response-persistent, weighted least connection, weighted least connections-persistent, weighted round robin, weighted round robin-persistent

Robust security

Denial of Service (DoS) & Distributed Denial of Service (DDoS) protection, TCP/SYN protection, Flood Control® cybercrime protection developed for the Department of Defense provided services (additional IP level protection for DDoS attacks), IPv4 to IPv6 translations (supports IPv6 client requests to IPv4 servers), TCP SYN protection, HTTPS/SSH management, up to 8192-bit TLS/SSL encryption strength, TACACS+ and LDAP authentication, and Payment Card Industry/PCI compliant)

5,000 servers (real or virtual) supported

Reliability

High grade server components

Redundant hot-swap power supplies (supported on all models)

80 Plus Gold efficiency rated power supply

Pulse-width modulation (PWM) smart cooling fans (high efficiency)

Ease of Use and Flexibility

True plug-and-run installation with AVANU's no cost pre-configuration service option

Easy front-panel LCD and GUI with setup wizards for popular applications

Dedicated out-of-band and in-band management including remote power-on/power-off (A500X, A500XD, and A600X)

SNMP and SMTP email notifications/alerts

Trouble-free high performance and high availability

Secure management

Low maintenance

High Return on Investment



Full extensive load balancing features on all models

Self-contained (no royalty or extra hidden costs)

Save on costly manpower hours to configure, manage, and maintain

No additional maintenance contract required with purchase

(WebMux comes with 2 full years product warranty-parts and labor and a full year of new software feature updates and fixes with product technical support)

How does WebMux compare?	AVANU	Vendor A	Vendor B
Processing platform	64-bit	64-bit	64-bit
CPU processors (up to)	16	12	Dual
Product warranty (parts & labor)	2 years	1 year	1 year
New software features updates & fixes	1 year	90 days	90 days
Product technical support	1 year	90 days	90 days
Total Cost of Ownership (TCO)	\$	\$\$\$	\$\$\$

Other common names for network traffic management products include load balancer (LB), hardware load balancer (HLB), network load balancer (NLB), local traffic manager (LTM), and application delivery controller (ADC).

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