



WebMux™ Network Traffic Manager

Manage, Control, and Secure Local Network Traffic for High Availability of Applications and Services

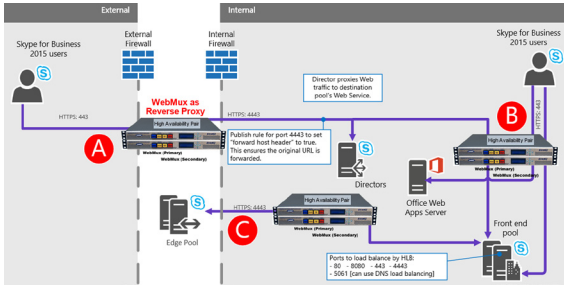


It Is All About the User Experience on Your Network and Keeping Everyone ConnectedSM

Enterprise-class Load Balancing/ADC Solution for Layers 4-7 TCP/UDP IP Traffic
Quick to Deploy • Easy to Manage • High Performance • Affordable

WebMux time tested and proven to be a powerful load balancing/ADC solution that is affordable for any size business.

WebMux has a critical role in the network infrastructure. Its functions are to manage, deliver securely, and reliably local data traffic for TCP/UDP IP applications and services to and from the internal network of servers/server farms. Popular applications and services include but not limited to Skype® for Business Lync® Server, Exchange® Server, SharePoint® Server, Xbox® Live Games Server, Internet Information Services (IIS) for Windows® Server, WebLogic®, WebSphere®, Unified Communications services (unified messaging, IM presence, team collaboration, audio/web/video conferencing, mobility, and VoIP), databases, FTP, POP, terminal servers, and web servers to name a few.



Example - WebMux roles Microsoft Skype® for Business

Flexibility and Reliability



Virtual WebMux Software Edition

Cloud computing and virtualized data centers

WebMux Appliance Reliability

High capacity with up to 16-core CPU processing (Speed and power)



- Built to last solid-state design 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)

High Return on Investment



Delivers more performance value at less cost for a high return on investment
Leverages existing network investments
Full extensive load balancing features on all models

- Self-contained (no royalty or extra hidden costs)
- Save on costly manpower hours to write scripts, configure, manage, and maintain
- No additional maintenance contract required with purchase (Appliance models come with 2-years product warranty-parts and labor with 1-year product support; Virtual WebMux Software Editions come with a full year product support)

WebMux Extensive Features

Four load balancing operation modes

One-Armed Single Network, One-Armed Direct Server Return/DSR, Two-Armed Network Address Translation/NAT, 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

Flood Control® originally developed for a U.S. Department of Defense service organization to provide added TCP/UDP protection against Denial of Service (DoS) & Distributed Denial of Service (DDoS) attacks, Federal Information Processing Standard (FIPS) Publication 140-2 compliant, TCP/SYN protection, IPv4 to IPv6 translations (supports IPv6 client requests to IPv4 servers), HTTPS/SSH management, up to 8192-bit TLS/SSL encryption strength, TACACS+ and LDAP authentication, and Payment Card Industry/PCI compliant)

Ease of Use



Fast and easy setup options - wizards for configuring popular TCP/UDP IP services and applications, intuitive graphical user interface/GUI through secured browser, and front panel LCD for

- quick setup on appliance models
- No time consuming script writing to configure, manage, or maintain
- Dedicated out-of-band and in-band management available on some appliance models (supports remote power-on/off-soft/hard resets), monitor temperature, and access to remote console)
- SNMP and SMTP email notifications/alerts

How Does WebMux Compare?

	AVANU	Vendor A	Vendor B
Processor platform (64-bit)	Yes	Yes	Yes
Appliance CPU processors (up to)	16	12	Dual
Free pre-configuration	Yes	No	No
GUI setup/configuration wizards	Yes	No	No
Certifications required	No	Yes	Yes
Appliance product warranty	2 years	1 year	1 year
Appliance firmware updates	1 year	90 days	90 days
Product Technical Support	1 year	90 days	90 days
Total Cost of Ownership (TCO)	\$	\$\$\$	\$\$\$



"Thank you to everyone for being persistent and hammering out solid products. We must have the most robust solution with the best throughput. I appreciate all of the effort." System Engineering Division Chief, United States Federal Government

"Since partnering with AVANU, we have experienced seeing how AVANU has a dedicated focus to meeting their customers' real-life requirements. Our customers are very enthusiastic about AVANU's new WebMux platform." Vice-President Systems Integrator

Other commonly used terms for network traffic manager (LTM) include Application Delivery Controller (ADC), Load Balancer (LB), Hardware Load Balancer (HLB), Network Load Balancer (NLB), Server Load Balancer (SLB), and Local Traffic Manager (LTM).

Contact Us Today!

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