DATA SHEET

íxia

IxNetwork[™] AppLibrary: Application Intelligence for Realistic L2-7 Traffic



AppLibrary delivers:

- Simplified workflow for multiapplication testing
- Deterministic multiapplication performance distributions over emulated networks using the emulated hosts
- Extensive library of predefined applications flows to simulate end-user interactions and devices
- Comprehensive real-time
 analysis of per-flow statistics

IxNetwork AppLibrary speeds and simplifies testing with a simplified workflow and framework that simulates application profiles. AppLibrary uses Ixia BreakingPoint Application Threat Intelligence (ATI) technology to provide an extensive library of pre-defined application flows that simulate end-user interactions and devices. The solution combines Ixia's IxNetwork for protocol emulation and stateless traffic generation with the most current real-world stateful application simulations.

ndpoints	Application Flows							
	Available Flows			C	onfigure	l Flows		
Application Flows	Type to filter	8			📬 🔀	Distribute Evenly		
	Bandwidth HTTP Google Search	0				Application Flow	Percentage	Description
	HTTP Compressed	a l		1	EW -	Max HTTP TPS	25.00	Was built to demonstrate the Maximu
	ActiveSync Unencrypted AIM6 Chat AIM6 File Transfer AOL Instant Messenger	_		2 🕨	FTP E	nterprise	25.00	Simulates an FTP session.
				3	Faceb	ook	20.00	Simulates an average Facebook sessi.
				4	Googl	e Mail	10.00	Simulates Google Webmail
				5	Bandy	vidth BitTorrent File Downl	20.00	This profile simulates BitTorrent Peer-t
0	Bandwidth IMAPv4 Bandwidth POP3 Bandwidth Raw		Add Flows					
	Bandwidth POP3	F	Add	0	bjective	/ Distribution		
	Bandwidth POP3 Bandwidth Raw Bandwidth Telnet BGP IGP Open-Advertise Routes BGP IGP Withdraw Routes Bing Search	F	Add		bjective ive Type	/ Distribution	 Objectiv 	re Value 100
Vetwol	Bandwidth POP3 Bandwidth Raw Bandwidth Telnet BGP IGP Open-Advertise Routes BGP IGP Withdraw Routes	F 1	Add Flows				Objectiv ated Users	re Value 100

Application Library Traffic Wizard

Key Benefits

- Simulate real-world traffic scenarios and user-defined combinations of application simulations, along with a per-application percentage of each application simulation
- Realistic traffic: packet payload dynamically changing in real-time, not just replay of a pre-recorded flow
- Simulate real-world traffic as though it was coming from thousands of real host computers over a live network
- Combined L2-3 and L4-7 traffic over the same ports
- A continually-expanding and updated library of pre-defined application flows; as application definitions are refined, so too is the library updated to reflect the new standards
- Review and compare statistics on a per-application flow and per-port basis
- NAT/PAT Support

Specifications

Application Simulations	300+, and growing monthly		
Application Simulations per port	50		
Ports Supported	128		
Traffic over Protocol Emulations	Yes		
Supported Load Modules	XMVDC Family		
	 LSM1000XMVDC8 		
	 LSM1000XMVDC12 		
	 LSM1000XMVDC16 		
	 LSM1000XMVDC4NG 		
	 LSM1000XMVDC16NG 		
	NGY Family		
	o LSM10GXM2S		
	o LSM10GXM4S		
	o LSM10GXM8S		
	o LSM10GXM2NG		
	o LSM10GXM4NG		
	o LSM10GXM8NG		
	o LSM10GXM2S-NG		
	o NGY-NP2		
	o NGY-NP4		
	o NGY-NP8		

IxVM Family		
 IxVM Single NIC 		
 IxVM Multi NIC 		
Xcellon Family		
 Xcellon-Flex AP 10G 		
 Xcellon-Flex AP Combo 		
 Xcellon-Multis CXP 		
 Xcellon-Multis QSFP 		
o Xcellon-Lava		

Product Ordering Information

930-3461

IxNetwork AppLibrary Slot Bundle, Layer 4-7 Performance Test Application; Enables support for AppLibrary on a single supported load module. It includes the AppLibrary feature and subscription service to access new application flows for one year period. Requires previous purchase of 930-2056 (IxNetwork Base) or higher bundle.