Affordable Load Balancing, High Performance and Feature-Rich

XPoint is the leader in load balancing and application delivery solutions at price points most customers can easily afford. With all-in-one solution from server load balancing to global server load balancing, it can meet the needs of almost any applications.

AppScaler virtual appliance offers the same feature available in hardware appliance and it provide agile and speed to market load balancing virtualization services with high performance, rich features and flexible licensing.

Virtual Server [VIP Info:192.168.0.200:80 HTTP Layer 7]

🏠 Back to Main   All the statistics refreshed very 10 seconds

VS Metrics (History)			VS Metrics (Real Time)	
Total Connections	3	📊	Active Connections	3
Total Bandwidth	19.92KB	📊	Current Bandwidth	19.92KB
Total Hits	46		Current RTT	0ms
Total RTT	0ms		Current Client Latency	130ms
Total Client Latency	130ms		Current Server Processing	15ms
Total Server Processing	15ms			

Real Server Statistics

Platform Specification

Performance	
Throughput (L4/L7)	2Gbps/2Gbps
SSL TPS (1K/2K Keys)	10,000/4,000
License	
License Servers	Unlimited
Clustering Support	Yes
HA Support	Yes
Hypervisors Support	
ESXi	Yes
KVM	Yes
Hyper-V	Yes
VirtualBox	Yes

Application Delivery

IPv4/IPv6 support
TCP/UDP Layer 4/7 Server Load Balancing
Loading Balancing Methods
- *Round Robin*
- *Ratio Round Robin*
- *Least Connection*
- *Ratio Least Connection*
- *Predictive*
- *Ratio Response Time*
- *Source IP Hash*
Layer 7 Content Switching
- *URL*
- *URL Token*
- *HTTP Method*
- *HTTP Request Header*
- *HTTP Content*
- *Source IP*
Layer 4/7 Session Persistence
- *HTTP(s) Session*
- *RDP*
- *RDS Session*
- *Source IP*
- *SSL SessionID*
Advanced Health Monitoring
- *ICMP*
- *TCP/UDP*
- *HTTP(s)*
- *SMTP/POP3*
- *DNS/FTP/LDAP/NNTP*
- *and more*
STARTTLS support for Secure Email & LDAP
Virtual Server Group/Member Support

SSL Acceleration

SSL Termination and SSL Bridging Support
TLS(1.0,1.1,1.2,1.3) and SSL(2.0,3.0) Support
SNI Support
TLS/SSL Certificate Chaining
TLS/SSL Intermediate Certificate
ASIC-Based SSL Accelerator
4096-bit SSL Key Support
Hardware Security Module Support

Single Sign-On

Endpoint Pre-Authentication
SSO Profile/Group
Authentication protocols
- *LDAP*
- *Radius*
- *RSA SecurID*
- *Kerberos*
- *NTLM*
Single Sign-On methods
-*Client Initiated HTTP Form*
- *Client Initiated HTTP Form + RS HTTP Basic Auth*
- *Client Initiated HTTP Form + RS HTTP Form*
- *Client Initiated HTTP Form + RS Kerberos*
- *Client HTTP NTLM Auth*
- *Client HTTP NTLM Auth + RS Kerberos*
Two factor authentication
Custom Login and Post Form

Application Security

Web Application Firewall
- *Cross Site Scripting*
- *SQL Injection*
- *Cookie Tampering*
- *Real time block or audit*
- *Up to date WAF rules*
Integrated DDoS protection for application services
Snort Compatible Intrusion Prevention
Kernel Level ACL
IP Anomaly Detection
Connection Limiting

Global Server Load Balancing

Active-Active and Active-Passive Deployment Mode
Intelligent Distribution Methods
- *Round Robin*
- *Static Proximity*
- *Location*
-*Ratio Round Robin*
-*Custom Load*
- *Dynamic Metrics*

Networking

Integrated Layer 2/Layer 3
One-arm, Multi-arm Support
Direct Server Return Support
NAT-Based Forwarding
VLAN Trunking (802.1Q)
Link Aggregation (802.3ad)
VXLAN Support
Full native IPv6 management and feature support
SLB-PT (Protocol Translation),
SLB-64 (IPv4<–>IPv6,IPv6<–>IPv4)
SNAT
Stateful Failover

Virtualization

Virtual Appliance for VMware vSphere ESXi, Microsoft Hyper-V and Citrix Xen
Hypervisor acceleration and management integration

Administration

Dedicated on-box management interface (GUI, CLI, SSH,)
Web User Interface
Real time packet capture for analysis and debug
Comprehensive Reports and Logs
Role Based Management