

## 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.

The AppScaler 3010 is a 2RU redundant-power appliance with 25Gbps throughput that supports all load balancing and application delivery features and provides a cost-effective yet powerful solution for large enterprises..



## Hardware Platform Specification

<b>Performance</b>	
<b>Throughput (L4/L7)</b>	27Gbps/25Gbps
<b>SSL TPS (1K/2K Keys)</b>	75,000/35,000
<b>Concurrent Connections</b>	80,000,000
<b>Layer 7 HTTP RPS</b>	1,100,000
<b>Network Interface</b>	
<b>Gigabit Copper</b>	0
<b>Gigabit Fiber</b>	4
<b>10GE Fiber</b>	4
<b>Hardware Specification</b>	
<b>Processor</b>	Intel 12 Core
<b>Memory (ECC RAM)</b>	64GB
<b>Storage</b>	256GB SSD
<b>ASIC SSL Hardware</b>	Yes
<b>Dimensions(W x D x H)</b>	430mm (W) x 509mm (D) x 88mm (H)
<b>Rack Units (Mountable)</b>	2U
<b>Unit Weight</b>	20 kgs
<b>Power Supply</b>	2U 500W ATX AC Supply
<b>Heat in BTU/hour</b>	3000
<b>Operating Ranges</b>	Temperature 0° - 40° C   Humidity 10% - 85%

## *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

**Authorized Distributor :**



**SecureHub**

**SecureHub Distribution Sdn Bhd** (462057-H)

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