

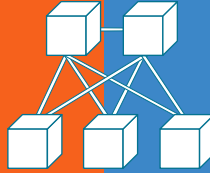
ALOHA LOAD BALANCER

Application Level Optimization & High Availability

ALOHA Software 2.5

High traffic web-enabled applications load balancing and high availability





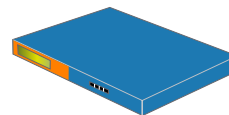
Technical details & software key features

ALOHA load balancer makes your Web-enabled applications **faster**, more **reliable**, **secure** and helps you to **guarantee** a high Quality of Service to your users and customers.

ALOHA load balancer is a high performance load balancing and high availability solution for Web applications and servers. Derived from the famous 'HA Proxy' free software that already empowers numerous high traffic Web sites, ALOHA offers performance and reliability to any budget.

To match every customer need, ALOHA is available in multiple forms :

- Appliance module on SSD (Solid State Disk) or DoM (Disk on module) ready to plug into your existing server hardware,
- Virtual Appliance, ready to deploy in your virtualized environment,
- Hardware Appliance, ready to rack in your datacenter

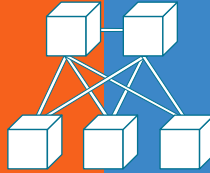


Technical Specifications

Models	ALB 500	ALB 4K	ALB 8K	ALB 12K	ALB SA
Format	mini box	1U rack appliance			Software Appliance (SSD/DoM)
Memory	256 Mb	512 Mb	1 Gb	1 Gb	<i>depends on HW</i>
Network Interfaces	3 x 100 Mb/s	4 x 100 Mb/s	2 x 100 Mb/s 2 x 1 Gb/s	4 x 1 Gb/s	<i>depends on HW</i>
Operating System	Formilux Firmware (linux based)				
Max. # HTTP simult. connections	1 000	4 000	20 000	40 000	<i>depends on HW</i>
Max. # of HTTP connect. / sec.	500	4 000	8 000	12 000	4000 à 20 000+
Max. # of SSL transactions / sec.	100	500	1 000	1 500	<i>depends on HW</i>
Max. HTTP Throughput	30 Mb/s	200 Mb/s	350 Mb/s	1.1 Gb/s	<i>depends on HW</i>
Max. # of supported real servers	10	Unlimited			
Appliance High availability	Yes				
Hardware warranty	1 Year				n/a
Warranty extensions	XLCARE Standard / Advanced / Premium				

(1) The ALOHA SA running performance depends on the underlying hardware used to plug your SSD/DoM appliance





Software Key Features

Models	ALB 500	ALB 4K	ALB 8K	ALB 12K	ALB SA
Load balancing					
Supported protocols	All TCP, HTTP, HTTPS, FTP (active mode)				
Load balancing (level 7)	✓	✓	✓	✓	✓
Persistence management	✓	✓	✓	✓	✓
SSL management	✓	✓	✓	✓	✓
Links aggregation	✓	✓	✓	✓	✓
Management of group of servers	✓	✓	✓	✓	✓
Supported load balancing algorithms	URL hash, Leastconn, Round robin, Weighted RR, Source hash, Weighted SH				
Load management per server	✓	✓	✓	✓	✓
'Content switching' support	✓	✓	✓	✓	✓
Applications High Availability					
Servers real time monitoring	✓	✓	✓	✓	✓
Servers Soft stop & start	✓	✓	✓	✓	✓
Servers surge protection	✓	✓	✓	✓	✓
Max # of servers per group (backend)	Unlimited				
Persistence management on backup servers	✓	✓	✓	✓	✓
Persistence management	✓	✓	✓	✓	✓
Applications Performance					
TCP / HTTP Acceleration	buffering				
Max # of IP:port per virtual server	Unlimited				
Connections queueing	✓	✓	✓	✓	✓
Filtering of useless requests	✓	✓	✓	✓	✓
Early connection release	✓	✓	✓	✓	✓
Log offload	✓	✓	✓	✓	✓
Applications Security					
Protection vs. DoS, DDoS, worms, SQL inj., ...	✓	✓	✓	✓	✓
Protocol validation	✓	✓	✓	✓	✓
White / black lists management	✓	✓	✓	✓	✓
URL filtering	✓	✓	✓	✓	✓
Requests / responses filtering	✓	✓	✓	✓	✓
Information leaking prevention	✓	✓	✓	✓	✓
Logs encoding	✓	✓	✓	✓	✓
Integration, Administration					
Proxy / transparent proxy connection	✓	✓	✓	✓	✓
Advanced L7 logs and monitoring	services & applications status, HTTP connections details,...				
Activity stats	✓	✓	✓	✓	✓
Admin interfaces	In band / Out of band : Web, command line (SSH), serial				
Alerts & notifications	SYSLOG, VRRP status, SNMP trap				

