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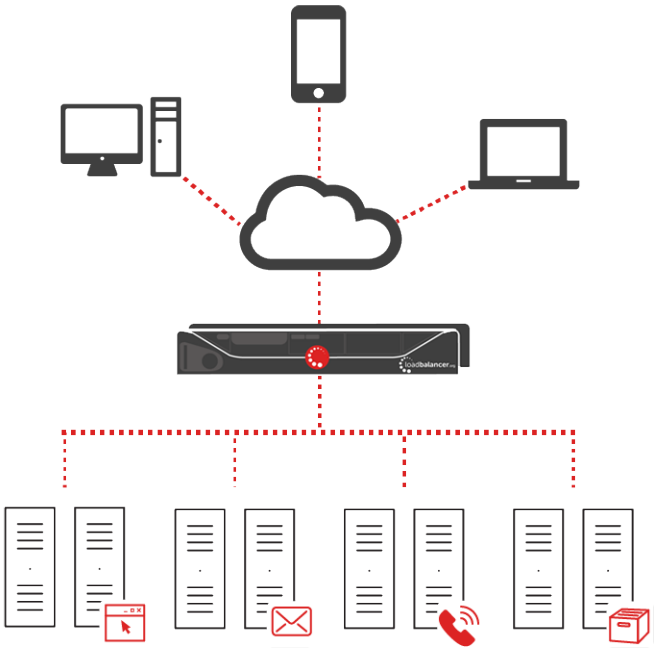
Enterprise AWS MAX



ENTERPRISE AWS MAX DATASHEET

Features

Advanced Layer 4/7 load balancing
With integrated Auto Scaling, this feature rich product brings advanced load balancing functionality to the AWS platform

Active/passive with seamless failover
Remove single point of failure by combining two units as a clustered pair for high-availability and resilience

Health checking
Constantly monitor the health of your servers and their applications, ensuring intelligent real-time traffic distribution

Session persistence
Maintain users connections to specific servers based on various parameters, including Source IP and Cookie insertion

Industry leading support
24/7 access to our team of support engineers via email, phone and online chat

aws

The Enterprise AWS MAX provides advanced Layer 4/7 load balancing, automatically distributing incoming application traffic across multiple Amazon EC2 instances in a single AWS availability zone or across multiple zones.

It enables you to achieve even greater fault tolerance in your applications, seamlessly providing the amount of load balancing capacity needed in response to incoming application traffic. Customers can distribute traffic on the internal Amazon network (saving bandwidth costs) or to any accessible Internet address.

Enterprise AWS MAX detects unhealthy instances within a pool and automatically reroutes traffic to healthy instances until the unhealthy instances have been restored. Unlike other vendors, this great product comes fully-featured with a totally unrestricted license to enable unlimited throughput, bandwidth and scalability.

Fire up a 30 day free trial from the Amazon marketplace and see for yourself?

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Enterprise AWS MAX

Product Overview

Eliminate stress with the totally unrestricted Enterprise AWS MAX. Licensed for unlimited clusters and back-end servers, this load balancer offers the ultimate combination of price, performance and scalability.

Standard Features

- Server Load Balancing (SLB) for any TCP or UDP based protocol
- SSL Acceleration/Offload
- Layer 7 Content Switching
- No bandwidth, performance or feature limitations
- High performance NAT & SNAT
- Schedulers: Round Robin, Least Connection, Weighted Least Connection, Weighted Round Robin
- Dynamic Schedulers: Windows & Linux feedback agents, Custom HTTP feedback option
- Load balance almost ANY protocol i.e. HTTP, HTTPS, SMTP, POP3, IMAP, Terminal Server etc
- Support for Direct Server Return (DSR) configurations
- Configurable S-NAT support
- Link aggregation (802.3ad)
- VLAN Tagging (802.1Q)
- GSLB

SSL

- Unlimited support for SSL Certificates
- Support for Third Party Certificates
- Automated SSL Certificate Chaining
- SSL Certificate Signing Request (CSR) Generation
- PFX upload and conversion
- Proxy protocol support
- PCI-ready SSL Implementation

Performance

- Unlimited Throughput (Instance Dependent)
- Unlimited SSL TPS (Instance Dependent)
- Unlimited HTTP Page GETs/second (Instance Dependent)
- Unlimited Concurrent Session (Instance Dependent)

L4/L7 Sticky (persistence)

- Connection persistence based on:
  - Source IP address
  - SSL Session ID
  - Passive Cookie
  - Active Cookie (Insert)
  - RDP Cookie / Session Broker
  - X-Forwarded For Header
- Port following (Persistence on multiple combined ports)
- Multiple fallback options i.e. use source IP if no cookie found

Security Functionality

- Fully integrated WAF (Web Application Firewall)
- OWASP top 10 protection
- Persistent White/Black List (Access Control List system)
- Firewall filtering (full iptables scripting support)
- Firewall lockdown wizard
- DDOS mitigation both at Layer 4 & 7
- Virtual patching
- HTTP & SYN Flood protection
- Block SQL Injection Attacks
- Prevent Cross Site Scripting (XSS)
- Stop Hackers Exploiting Software Vulnerabilities
- FIPS 140-2 Compliant
- PCI DSS Ready

Health Checking and High Availability

- Application health checking for DNS, FTP, HTTP, HTTPS, IMAP, NNTP... and many more
- ICMP health checking of server farm machines
- Complex manually scripted health checks
- Automatic reconfiguration for defective real server machines
- Automatic replication of static & dynamic configuration from master to slave load balancer
- Stateful Failover (persistence table replication)
- One click secure clustered pair configuration

Scheduling and Balancing Methods

- Round Robin
- Weighted Round Robin
- Least Connection
- Weighted Least Connection
- Agent-based Adaptive (Windows and Linux Agents)
- Layer 7 Content Switching
- Destination Hash for transparent proxy

Administration

- Secure, SSH, HTTP and HTTPS for remote access administration
- Fully configurable using Web User Interface
- Easy start configuration and maintenance wizards
- WebUI-based Help Assistant
- Virtual Service Configurations can be edited and tuned on-the-fly
- Real time performance and availability displays
- Optionally configure console port for local administration
- Remotely scriptable Command Line Interface (LBCLI) Option
- SOAP interface to the LBCLI API
- Local and Remote syslog support
- Selective restore of physical and Virtual Service data
- Support for connection draining or halting with or without persistence
- Software and Security updates available on & off-line
- WebUI log reporting with tabbed browser Support
- SNMP support for performance metrics
- Full root access to with a multitude of diagnostic tools tcpdump etc

EC2 Features

- Static IP support
- Auto scaling group integrations
- IP config through WebUI, no need to use AWS console
- HA across multiple availability zones

Support Options

- All subscription options include Premium 24/7
- BYOL appliances come with a range of support options to suit you

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United States
Loadbalancer.org, Inc.
Phone: +1 888 867 9504

United Kingdom
Loadbalancer.org Ltd.
Phone: +44 (0)330 380 1064

Canada
Loadbalancer.org Appliances Ltd.
Phone: +1.866.998.0508

Germany
Loadbalancer.org GmbH
Phone: +49 (0)89.2000-2179