We were looking for a robust yet easy to use solution that would fit in with our virtualisation policy and ensure high availability for our email services. SDL

jetNEXUS is simple to use, extremely scalable and comes at the right price point, all of which make it a great fit for us. COLT

Mitigate the Risk of Downtime and Optimise Application Delivery

jetNEXUS load balancers improve the performance, scalability and reliability of applications for a superb end user experience. Our powerful virtual load balancer is feature-rich yet cost-effective, giving you the comprehensive tool-set you need to overcome real-world application delivery challenges.

Powerful, Cost Effective Virtual Load Balancing

jetNEXUS is available as a Virtual Appliance for VMware, Hyper-V and Citrix XenServer, eliminating the need for dedicated hardware, decreasing operating costs and reducing deployment time.

Improving the Performance of your Business Applications

jetNEXUS has experience across a broad range of applications and an understanding of their unique requirements. From household names such as MS Exchange and Lync, to self service websites and browser based services, through to specialist applications like Electronic Patient Record Systems or E-Learning platforms like Moodle and Blackboard.

Download a free trial of the jetNEXUS ALB-X VA software here
Having technically reviewed the solutions available in the market place, we felt that jetNEXUS hit all the functionality of the big players, at a very reasonable price point for the feature set available.

UNITE

Powerful Features for Optimised Application Delivery

Our ethos is simple; deliver the features that customers need at a fair price. We don’t bury our features in impenetrable code, we present them simply and effectively to ensure our clients have a feature-rich load balancer that they can actually use.

- Layer 4-7 Load Balancing
- Compression
- Server Health-Checking
- Web Acceleration
- Reverse Proxy
- Traffic Management
- SSL Offload
- Clustering
- Content Caching
- Intuitive GUI
- Automatic Configuration
- Unprecedented Ease-of-Use

Easy to Deploy, Simple to Manage, Straight Forward to Support

Configuring jetNEXUS Load Balancers is a fast, painless experience for experts and novices alike. The intuitive interface offers unprecedented ease-of-use, making day-to-day management tasks such as creating services, adding traffic management rules or applying server health monitors a breeze.

- Auto-deployment templates for applications
- Real time status update
- Simple navigation, drag and drop functionality
- GUI wizard & auto-complete

“The jetPACK deployment template meant that the system was up and running within minutes rather than hours; ensuring minimal impact on business operations.”
Addison Lee

Introducing User Central

jetNEXUS User Central is a one-stop knowledge base for everything jetNEXUS. Discover how to deploy and configure jetNEXUS in minutes & troubleshoot support issues with ease.

www.sintel.com
jetnexus@sintel.com
### Tech Specs

<table>
<thead>
<tr>
<th>Feature</th>
<th>ALB-X VA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Min 2 vCPU</td>
</tr>
<tr>
<td>Memory</td>
<td>Min 2 GB</td>
</tr>
<tr>
<td>Virtual Network Interface</td>
<td>Up to 8</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>N/A</td>
</tr>
<tr>
<td>HTTP Max Throughput</td>
<td>3 Gbps / 6 Gbps / Unlimited</td>
</tr>
<tr>
<td>Layer 7—HTTP Requests Per Second</td>
<td>Not limited by licence</td>
</tr>
<tr>
<td>SSL Transactions Per Second*</td>
<td>Not limited by licence</td>
</tr>
</tbody>
</table>

*With hardware acceleration  ** Not limited by licence

### Features

#### SERVER LOAD BALANCING
Layer 4 - 7 Load Balancing
Layer 7 Application Persistence (aka. Persistence / Sticky Sessions / Cookie Based)
Reverse Proxy
Layer 7 Content Switching
Active - Passive High Availability Mode
Active - Active High Availability Mode
Cross Data Centre Redundancy
N+X Clustering
Connection Draining
Standby Server (aka Server of Last Resort)

#### LOAD BALANCING METHODS
Least Connections
Round Robin
IP Bound
IP List Based
Cookie Based
Customisable Cookie
Classic ASP Session Cookie
ASP.NET Session Cookie
JSP Session Cookie
JAX-WS Session Cookie
PHP Session Cookie
Weighted Round Robin
Weighted Least Connections

#### SERVER HEALTH CHECKING
Customisable Health Checks
Simple HTTP
Full HTTP (Layer 7)
TCP Connect
Out of Band Monitor
DICOM
RDP
Ping

#### NETWORKING
VLAN Support
Single or Multi Interface Configuration
Support for S-NAT, NAT and PAT
Static Routing With Default Gateway
Unrestricted Interfaces
High-Performance Virtual Network Drives
CONNECTION METHODS
Reverse Proxy
High Performance Layer 4 Load Balancing
Direct Server Return
Transparency

SSL
High-Performance, Unrestricted SSL Offload
Easy-To-Use SSL Management
SSL Pass-Through
SSL Re-Encryption
Certificate Signing Request (CSR) Generation and Renewal
Simple Certificate Import / Export inc PKCS12
Self-Signed Certificate Creation
Support For Multiple Keys Inc: 1024, 2048, 4096
Intermediate Certificate Support
Support for Server Alternative Names
Support for Wildcard SSL Certificates
SSL Certificate Chaining
Support for TLS 1.2
Customisable Ciphers

TRAFFIC MANAGEMENT
(HTTP/HTTPS)
HTTP / HTTPS Traffic Manipulation
Intuitive, Simple To Use
Drag & Drop Rule Builder
Layer 7 Content Switching
Dynamic Routing
Content Filtering
Fully Customisable / Configurable
Pre-Defined Rule Base
Log and Alert
Geo Location
Selectable, Simple Match Conditions (inc does / does not: 'start with', 'end with', 'contain', 'equals') or Powerful Regular Expression Engine

Examples:
Block IPs / Networks
Redirect to Secure Website
Rewrite URLs
Replace Sensitive Info (Blank Credit Card Details)
Browser Detection
Device Detection
Body Rewrite
Prevent SQL Injections
Prevent Cross-Site Scripting
Add Google Analytics
Redirect User Based on Country
Certified for Key Applications

ACCELERATION
Compression
Dynamic HTTP Compression
Configurable Rule Base

Caching
RAM-Based Caching
Automatic and Configurable Client-Side Caching
Multiple Caching Profiles
Auto-Detect and Prioritise Popular Content
Simple Editing of Cache Rule base
Fully Configurable via GUI

Connection Management
Connection Pooling / Multiplexing
Connection Limiting
Customisable Server Too Busy Page

MANAGEMENT & REPORTING
Secure Web-Based GUI
Selectable SSL Certificate & Secure Port
Automatic jetNEXUS Device Discovery
jetPACK Application Templates (Auto-Configuration)
Full SNMP Monitoring (V1,2 &3)
Configuration Back Up
Simple Software Update Via GUI
Command Line Interface (CLI)
Email Alerting
Status Page with Live Individual Server Connections
Historical Graphing
Real Time Stats
Client IP x forwarding (X-Forwarded-For)
Automatic Remote W3C Log Storage
Online User Central
Secure SSH & HTTPS for Remote Access Admin
Clustering with HA