

ZVA6000 Virtual Appliance Datasheet

POWERFUL AND EASY TO USE ADC



The ZVA6000 Virtual Appliance format is aimed to provide massive scalability, high availability, and increased security for your services, applications, and networks.

The ZVA lightweight and portable format allows being deployed in the most popular hypervisors with broad integration capabilities to be integrated easily into your infrastructure ensuring a productive and cost-saving setup and maintenance.

SPECIFICATIONS

Massive scalability

- Load Balancing at layers L2, L3, L4, and L7, for networks, services, applications, and data centers.
- Advanced HTTP application features like session persistence, redirections, virtual hosts, cookie insertion, and reverse proxy, among others.
- Support of dNAT (transparency), sNAT, DSR, and stateless DNAT topologies.
- Configurable traffic flow consistency through persistence.
- Layer 4 ultra-high performance and multi-protocol allowance in a single service.
- Traffic scalability and distribution by weight, round robin, CPU load, memory, least connections, least response, etc.
- Support of protocols TCP, UDP, SCTP, SIP, FTP, TFTP, HTTP, HTTPS, RDP, SSH, POP3, IMAP, SMTP, DNS, NTP, LDAP, LDAPS, radius, etc, and applications MS Exchange, Lynx, Citrix, and more...

Security

- Advanced HTTPS features like SSL Offload, on-the-fly decryption/encryption, SNI, and wildcard certificates support.
- Ready for A+ in SSL Labs and PCI compliance.
- Security analyzer to detect and fix security flaws or weak configurations.
- Intrusion prevention and detection service (IPS+IDS).
- Predefined and fully configurable blocklists per geography, special networks, bad peers, anti-botnets, spammers, web scrapers, spyware, brute force hosts, web exploits, and more.
- DoS protection through detection of bogus TCP, maximum limit of established connections, resets, initial connections, and more.
- Real-time blackhole lists or DNSBL protection lists using high reputation lists.
- Web Application Firewall with predefined signatures validation for web services and applications.

System

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USABILITY

WHO IS USING ZEVENET?

Several hundred thousand installations and deployments around the world are the background of Zevenet. Companies and Enterprises from different sectors around the world rely on Zevenet as a stable and professional product to provide high availability, security, and massive-scale solution for their infrastructure. Among Zevenet's customers, we can find companies from various sectors like Healthcare, Education, Utilities, Internet Providers, Financial, Hosting Providers, Government, IT Consulting, Industry, etc.

WHAT CAN WE DO WITH ZEVENET?

Zevenet makes massive-scale infrastructure easier for networks, services, and applications. Zevenet has proven performance in different environments with software solutions like Citrix XenApp, Terminal Services, Microsoft Exchange, Outlook Web Access, IIS, Apache, Tomcat, Lotus Notes, and much more.

WHY ZEVENET?

We're developers of open high technology made easy for system administrators, network engineers, and DevOps. We believe in no limitations, transparency, and openness to technology.

What about performance?

- +10 millions of concurrent users per sec in layer 4
- +140 thousands of concurrent users per sec in layer 7 HTTP
- +120 thousands of concurrent users per sec in layer 7 HTTPS