

ZBA4300 VIRTUAL APPLIANCE DATASHEET

POWERFUL AND EASY TO USE ADC



The **ZBA4300 Bare Metal Appliance** provides an optimized 64 bits installable ADC ready to be integrated in your own physical hardware, with an unlimited system in terms of throughput, connections, farms and backends and physical resources. Optimized for multi-core and with a broad hardware compatibility.

Bare Metal is an installable Application Delivery Controller format which allows to be deployed in an heterogeneous set of platforms. As an ADC installable solution, Bare Metal supports a broad multi vendor servers equipment such as HP, Intel, Dell, Super Micro, IBM, Lenovo, Fujitsu, and more.

SPECIFICATIONS

Massive scalability

- Load Balancing at layers L2, L3, L4 and L7, for networks, services, applications and datacenters.
- Advanced HTTP application features like session persistence, redirections, virtual hosts, cookie insertion, reverse proxy, among others.
- Support of dNAT (transparency) and sNAT topologies.
- Traffic distribution totally programmable.
- 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.
- Intrusion prevention and detection service (IPS+IDS).
- Security analyzer to detect and fix security flaws or weak configurations.

System

- Advanced network management: VLANs, virtual IPs, link aggregation, static routing and IPv6.
- Configuration backups to allow quick disaster recovery procedures.
- Active-passive cluster service with automated replication.
- Optimized for multi-core processors and multi vendor hardware.
- Monitoring through SNMP, RRD graphs and email notifications.
- Automation support through REST+JSON API.
- Optimized 64 bits operating system ready for massive scalable systems.
- Layered logs system.

Usability

- Responsive and user friendly web graphic user interface.
- Easy upgrades and maintenance.

ZEVENET REVIEW

WHO IS USING ZEVENET?

Several hundred thousands of installations and deployments around the world are the background of Zevenet. Companies and Enterprises from different sectors around the world rely on Zevenet as an stable and professional product to provide an high availability, security and massive scale solution for their infrastructure. Among Zevenet's customers we can find companies from various sectors like Healthcare, Educational, 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 a 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 of 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