

POWERFUL AND EASY TO USE ADC



The **ZBA6000 Bare Metal Appliance** provides an optimized 64 bits installable ADC ready to be integrated into 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 broad hardware compatibility.

Bare Metal is an installable Application Delivery Controller format which allows being deployed in a 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.

SPECIFICATION

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, 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 blacklists 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 highly reputation lists.
- Web Application Firewall with predefined signatures validation for web services and applications.

System

- Advanced network management: VLANs, virtual IPs, link aggregation, static routing, and IPv6.
- Configuration backups to allow quick disaster recovery procedures.
- Active-passive stateful 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 massively scalable systems.
- Layered logs system.
- Role-based access multi-tenancy and audit system
- Responsive and user-friendly web graphic user interface.
- Easy upgrades and maintenance via remote repository.

USABILITY

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 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 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