

RELIANOID Software Appliance Datasheet RSA6000 | 2023

POWERFUL AND EASY TO USE ADC



The **RSA6000 Software Appliance** format is aimed to provide massive scalability, high availability and increased security for your services, applications, and networks.

The RSA lightweight and portable format allow being deployed in the most popular hypervisors (VMware ESXi, Workstation, Xen, KVM, HyperV and more) or installed in multi-vendor servers equipment (such as HP, Intel, Dell, Super Micro, IBM, Lenovo, Fujitsu, and more), with broad integration capabilities to be consolidated easily in 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, 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 highly reputation lists.
- Web Application Firewall with predefined signatures validation for web services and applications.

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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 different virtualization platforms: Vmware, Hyper-V, Xen Server, and KVM.
- 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 RELIANOID?

Several hundred thousands of installations and deployments around the world are the background of RELIANOID. Companies and Enterprises from different sectors around the world rely on RELIANOID as a stable and professional product to provide high availability, security and massive scale solution for their infrastructure. Among RELIANOID'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 RELIANOID?

RELIANOID makes massive scale infrastructure easier for networks, services, and applications. RELIANOID 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 RELIANOID?

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