

MONITIS: ALL-IN-ONE MONITORING PLATFORM

Monitis is an integrated systems monitoring platform provided as a managed service (SAAS)



Monitis provides services for:

- **External Monitors (VIEW DEMO)** check HTTP/HTTPS GET/POST, PING, TCP, UDP, POP3, IMAP, SMTP, FTP, VOIP, DNS, MySQL, page content services outside of firewall using Monitis Global Monitoring Network. .
- **Internal Monitors** check systems and networks within firewalls using Monitis small footprint agents. Agent probes CPU, memory and storage utilization, processes, load averages, system events, ping internal sites, measure HTTP response from user location and perform SNMP probes for network devices
- **Traffic Monitors** track your Web site visitors and provide detailed web analytics(referrers, countries, cities, browsers, OSs, etc).
- **Web Ranking monitors** web site internet ranking: keyword position, search engine ranking, backlinks etc.
- **Application (Transaction) Monitors (VIEW DEMO)** check each step in application flow from end-user perspective. Users record application sequence and Monitis plays back and checks the functionality at predefined intervals.
- **Amazon Cloud EC2/S3 Monitors** Monitor your Amazon account, active instances, and changes in instance status. Issue alerts, and set up internal/external monitors.

SMARTeq April 2010

Arista Networks

On January 18, 2010, [NetworkWorld magazine](#) published the results of side-by-side independent test of all 1RU, 20 to 26 port 10GbE switches on the market today.

Arista Networks was the winner **scoring 4.29 out of a possible 5.0** for the 24-port [7124S switch](#) . Other participants included the Cisco Nexus 5010, Blade Network Technologies G8124, Dell PowerConnect 8024F, Extreme Summit X650-24x and the HP ProCurve 6600.

NETRESULTS				
Product	Arista DCS-7124S	Cisco Nexus 5010	Summit X650-24x	HP ProCurve 6600-24
Vendor	Arista Networks	Cisco	Extreme Networks	HP ProCurve Networking
Price	\$26,080	\$67,030	\$46,665	\$63,594
Pros	Very low latency and jitter; extensible Linux operating system; standards-based.	Full Fibre Channel/FCoE support; extensive virtualization features.	Highest IGMP group capacity.	Largest MAC address capacity.
Cons	Relatively low MAC address capacity.	High latency; no Layer-3 support; some leakage in multicast tests.	Relatively high power consumption; uneven distribution in some link aggregation tests.	Low unicast and multicast throughput; relatively high latency frames forwarded out of sequence.
Score	4.29	3.68	3.7	3.36



Key benefits of the 7124S Switch :

- * Wirespeed performance
- * Lowest Unicast and Multicast latency
- * Comprehensive L2 & L3 feature set
- * Modular & Extensible OS with access to Linux toolset
- * Low power consumption, hot-swap redundancy



[>> Read more about the 7100](#)

[>> Arista Vs. Competition!](#)



SMARTeq April 2010

Greenbytes



GreenBytes Inline deduplication storage *Tiered storage is no longer needed!*

4,5 x the capacity
7,5 x less energy
3,5 x more throughput
3 x less expensive *compared with competing deduplication appliances!*

Designed for primary storage, long-term "online" archive and data protection environments GreenBytes includes:

- * CIFS & NFS (NAS)
- * [Symantec OST support](#)
- * MAID

[Read more about the GB-4000](#)

[Read more about the GB-2000](#)



[Read the article here.](#)

Seagate; "It's great to see that businesses of all sizes can now take advantage of the benefits that data deduplication offer with GreenBytes.

Check out this [emerging vendor](#) and their data dedupe solutions. No wonder [data deduplication](#) has made it's way on to Storage Magazine's Hot Storage Technologies for 2010 and even has [Gartner](#) and others in the industry raving about how it can offer Data Centers increased data integrity while reducing data protection costs for primary and secondary storage."

Intel



[Read more about the X520-T2](#)

New Intel Server Adapter

Intel has launched the industry's first 10GBase-T server adapter to support [SR-IOV](#) for advanced network virtualization.

This adapter's energy-efficient design allows it to support two 10GbE ports. Why two ports? 1) Two ports provide redundancy - one takes over if the other fails, and 2) ports can be combined into one bigger virtual pipe, providing 20GbE of networking bandwidth. Based on the [Intel® 82599 10 Gigabit Ethernet Controller](#), the Intel® Ethernet Server Adapter X520-T2 supports connectivity over distances of up to 100 meters and includes enhancements for I/O virtualization and iSCSI.



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WhipTail

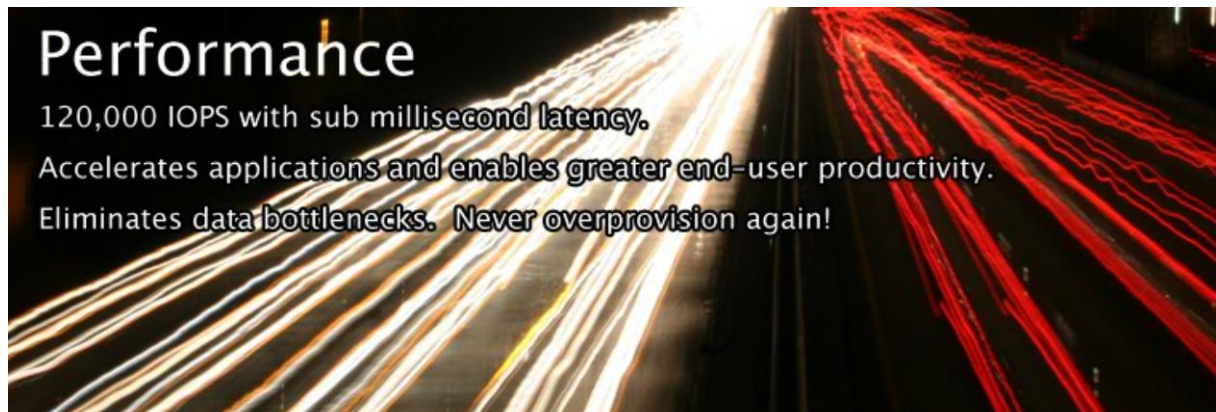
A powerful SSD based primary storage device that accelerates mission critical data and expands virtual capacity!



Nearly every enterprise has experienced the effects of disk contention and latency resulting in a large deficiency in database and virtualization storage performance. CPU performance has exponentially outpaced storage performance, becoming the datacenter's largest operational constraint.

If you have to deal with a lot of IOs and you can not have your users and customers waiting then you have two options: Buy a lot of expensive storage or use a better technology to support faster IOs.

Use a SAN that is based on SSD technology and maintain the benefit of central storage so all the data is central, RAID protected, easily managed and safely backup-ed.



10 x faster

A single SSD SAN can give you 125,000 IOPS. This is about ten times faster than HDD based SAN solutions. Transactional applications like databases, VDI and backup catalogues all demand high IO performance. Mostly these IOs are random read and write and have 8K block sizes.

You'd need to run 200,000 Microsoft Exchange mailboxes (LoadGen heavy user profile) or 85 average 4-way database servers to generate an I/O rate of 100K IOPS.

Dedupe included

Compared to your current solution, the usable capacity is even more since inline deduplication is included. That means that 2 – 20 times less storage is needed, depending on the application.

Less Energy needed

This unit consumes just 300 watts. Compare that with the power consumption of your 15K SAS or Fibre Channel drives and the cost of the cooling such drives.

More reliability

In the case of a drive failure, the rebuilt time with SSD is only 20 – 30 minutes and does not degrade the performance like conventional hard drives. SSD is not only faster in use, it is also faster when a drive fails and the RAID group has to be recovered.

