

Infrastructure Survey 2007

Performed by Pingdom, www.pingdom.com. Read the article at royal.pingdom.com.



	Meebo www.meebo.com	YouSendIt www.yousendit.com	Alexaholic www.alexaholic.com	TechCrunch www.techcrunch.com	FeedBurner www.feedburner.com	iStockphoto www.istockphoto.com	Vimeo www.vimeo.com
Web servers	Server OS	Linux	Linux	Windows	Linux	Linux	Linux
	Web server software	lighttpd	Apache	IIS	Apache, Apache Tomcat	Apache, Apache Tomcat	Apache
	Server-side scripting language	Primarily C/C++	PHP	C#	PHP, Java	PHP, Java, Perl	PHP
	Do you cluster your web servers	Yes	No	Yes	No	Yes	Yes
	How many web servers do you have	>40	24	2	1	2x70	15
	Would you like to add more information	Regarding scripting languages: Most of our front-end application is written in JavaScript/AJAX. For server administration and other miscellaneous tasks, we use Python and shell scripts primarily.			We have more than one server for the network of sites, but the main site, TechCrunch, runs off of one server.	We have 2 sites, used for primary and secondary roles. We are moving towards an active-active design for our geographic redundancy, as opposed to an active-passive design	
Database servers	Do you use dedicated database servers	Yes	Yes	Yes	Yes	Yes	Yes
	Server OS	Linux	Linux	Windows	Linux	Linux	Linux
	Database software	MySQL	MySQL	MS SQL	MySQL	MySQL	MySQL
	Do you cluster your database servers	No	No	Yes	No	Yes	Yes
	How many database servers do you have		3	2	1	2x15	10
	Would you like to add more information					Again, this is 15 servers per site.	We use MySQL replication features to scale out our database.
Network	Do you have a redundant Internet connection	Yes	Yes	Yes	Yes	Yes	Yes
	Do you perform load balancing	Hardware based	No	MS NLB	Will be doing it round robin	Using NetScaler Application Switches	Hardware loadbalancers for both frontend and backend loadbalancing
	Firewall	Ready-made solution.	Ready-made solution.	Ready-made solution.	Media Temple has a custom firewall in place	Ready-made solution.	Ready-made solution
	Routers	Cisco	Cisco	Cisco		HP, Cisco	Cisco
	Switches	Cisco, Foundry	Force10	Cisco		HP, Cisco	HP
	DNS Server OS		Linux	Windows	EasyDNS	Linux	Akamai performs our authoritative DNS. We use Bind on Linux that they do zone transfers from.
	DNS Software		Bind	Bind	EasyDNS	Bind	Akamai performs our authoritative DNS. We use Bind on Linux that they do zone transfers from.
	Where do you store your data	Locally on web servers	On file servers	NAS	Locally on web servers	Locally on web servers	SAN
	Storage solution OS	Linux	Linux	Linux	Linux	Linux	Linux
	Would you like to add more information		We have 170 or so file servers, basically split in half between the US west coast and east coast with replication of files across servers.				We store our images using IBM's GPFS filesystem - which allows all web servers simultaneous direct fiberchannel access to the data. We currently have 20 servers in this cluster. The htdocs directory is local to each webserver.
Other servers	Server OS	Linux	Linux			Linux	Linux
	What are the servers used for	misc	email			We use Linux for pretty much everything. There are several miscellaneous servers used for logging, internal reporting, network and systems management, backup, etc.	Mail, Memcache, sourcecode repository, development, etc
	How many servers	>10	2			10	
	Would you like to add more information	We have some jabber servers, forum/blog/wiki servers, test servers, etc.	Servers are running Postfix, used purely for sending out transactional email to customers.				
Site usage	Number of monthly unique visitors	More than 5 million	More than 2.5 million		More than 1 million	We don't track general unique visitors. Where we do, it is for advertising purposes	More than 2.5 million
	Number of monthly page views		More than 10 million		More than 2.5 million	We get 310 million feed views every day. Web site pages views is somewhere around 1 million	More than 10 million
	Bandwidth usage	More than 100 Mbit	More than 1000 Mbit			More than 250 Mbit	More than 500 Mbit
	Would you like to add more information						We use akamai to accelerate and cache our content.
	Redundant power	UPS and diesel generator	UPS and diesel generator	UPS and diesel generator	UPS and diesel generator	UPS and diesel generator	UPS and diesel generator
Misc.	Uptime monitoring	Internal and external	External	Internal		Internal and external	Internal and external
	What is your sysadmin password based on	Nice try, guys...	Nice try, guys...	Nice try, guys...	Nice try, guys... It's "rosebud", just kidding	Nice try, guys...	Nice try, guys...