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# Cloud services to get supercharged

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When it comes to backing up your computer, it's probably safest and most convenient to use a cloud storage service where you store data at remote location via the Internet. However, there's a big obstacle: bandwidth. With most existing broadband services, it can take a couple of hours to upload a few gigabyte of information.

This might change in the near future.

[Asankya](#), a network service company, announced Wednesday that it has improved its parallel networking technology to deliver up to 40 times throughput improvement for Internet-based applications. This, if true, would solve the biggest challenge that hinders the growth and global scale of cloud- and [SaaS](#)-based services.



Asankya's new networking technology is a set of patented parallel networking algorithms that significantly increase bi-directional Internet Protocol performance and accelerate encrypted traffic delivery for both ICP- and UDP-based applications. It aggregates throughput across the Internet by using multiple available pathways and removes duplicate packet transmission. The breakthrough algorithms were first funded through grants by the National Science Foundation.

The technology has been deployed by the U.S. government for real-time, interactive video applications delivered over wired and wireless IP networks. It now has been commercialized--that means soon you will be able to take advantage of it.

This is exciting news as cloud computing has been on the raise in the last few years.

According to the research firm IDC, the cloud computing industry is going to be a \$42 billion business by 2012.



Dong Ngo is a CNET editor who covers networking and network storage, and writes about anything else he finds interesting. You can also listen to his podcast at [insidecnetlabs.cnet.com](http://insidecnetlabs.cnet.com). [E-mail Dong](#).

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