OnApp Accelerator

Websites run faster in OnApp clouds.

For all the opportunity it brings, the Internet was never designed to do the job we ask of it today. Websites are slow because vast numbers of users are fetching content from the same server - a server which could be half a world away.

A unique web performance solution

OnApp Accelerator fixes that problem by distributing web content to locations around the world, automatically and free of charge, for websites hosted in OnApp clouds.

OnApp Accelerator is built into the OnApp Cloud platform v6.0 or later. Using a patented content acceleration method, it automatically optimizes and compresses web content running on an OnApp virtual server, and distributes that content to locations across the OnApp Federation - our global network of cloud and CDN infrastructure.
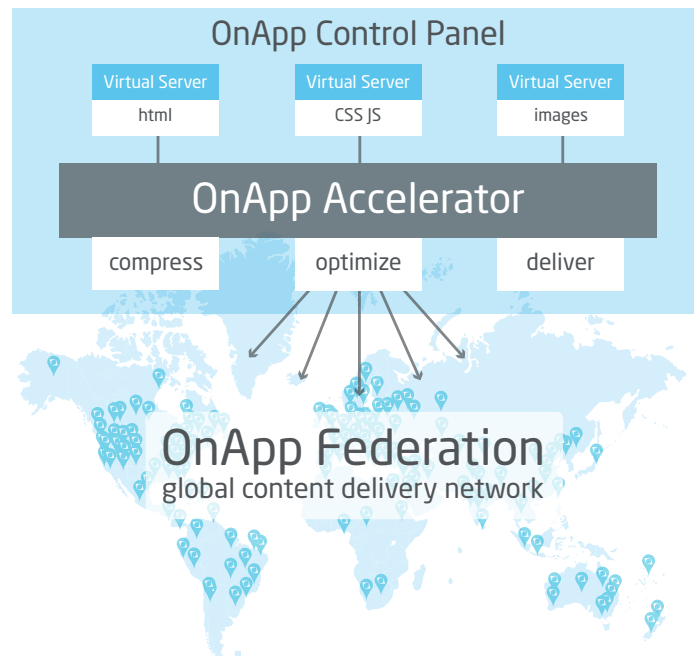
The result? A huge improvement in speed for web applications hosted in OnApp clouds, with no configuration or application changes required.

Speed sells - Accelerator is free

Now performance is a big differentiator for your cloud. Your customers are getting the benefits of a global Content Delivery Network, without the hassle of configuring, maintaining and paying for CDN.

Accelerator is free of charge to OnApp customers - you just need to set up a small Accelerator virtual appliance in your network zones.

Accelerator works for typical website file types. If your customers need more widespread CDN coverage, streaming video, Video on Demand, or more comprehensive control over content deliver, talk to us about OnApp CDN.

Americas	Asia
Dallas	Hong Kong
Montreal	Jakarta
Queretaro	Singapore
San Jose	Tokyo
Sau Paulo	Europe
Seattle	Amsterdam
Toronto	Frankfurt
Washington	Karlskrona
Australia	London
Melbourne	Milan
Sydney	Paris

How it works

OnApp Accelerator applies a range of optimization techniques to virtual server content, and automatically distributes that content to CDN locations around the world.

Automatic speed boost

OnApp Accelerator compresses pages, images, stylesheets and javascript, to reduce file size and bandwidth usage. The optimized content is distributed to 20 locations across the US, EMEA and Asia-Pacific. End users accessing the content get it delivered from their nearest location, reducing latency.

Finally, the content is cached in the browser with a long expiry time, which provides near-instant load times for future content requests, without compromising the website owner's ability to change that content.

Zero touch, zero modification

OnApp Accelerator requires no modifications to the web applications running on virtual servers. All optimization is entirely automatic, and using minification & lossless compression of pages, scripts and images, will not modify or reduce the quality of the source content.

The optimized content is distributed automatically to CDN edge servers in the OnApp Federation. The edge servers and OnApp Accelerator service are managed by OnApp.

Speed Comparison

These benchmarks show an e-commerce website running on a standard virtual server in OnApp, compared with the same application using OnApp Accelerator. OnApp Accelerator decreases file size by almost 60%, improves load times more than 50%, and results in 75% fewer file requests to the virtual server.

	Original	OnApp Accelerator
File size	1.14 MB	0.47 MB
Load time	3.9s	1.9s
File requests	52	13

Free of charge

There is no Accelerator license fee - it is included with OnApp Cloud v6.0 or later. All CDN bandwidth costs for your use of Accelerator are absorbed by OnApp, subject to a fair usage policy.

Accelerator requires a small amount of cloud resources to function: a virtual accelerator appliance needs to be deployed in each network zone you want to accelerate. A suggested minimum is 4 cores/4GB RAM, 100GB disk.

More information:

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