

OnApp CDN is a unique federated CDN platform for service providers - one that pays you.

You don't need to build your own global infrastructure to offer a profitable CDN service. With OnApp CDN you get instant access to PoPs all over the world, and you can sell spare capacity to other providers through an integrated global marketplace.

The CDN that pays providers

OnApp CDN is a more profitable way to offer CDN services to your customers, with higher margins and better reach than traditional content delivery networks. You don't need to invest millions in global infrastructure: you can create your own CDN PoP in minutes, expand your CDN with PoPs from our global marketplace, or even build your CDN entirely from marketplace resources. And, by submitting your own PoP to the marketplace, you can cash in your spare capacity by selling it to other providers.

Build your own CDN PoP

OnApp CDN includes a CDN edge server virtual appliance that deploys in your OnApp cloud, using spare capacity in hypervisors and your existing OnApp Control Panel. It's just as easy to set up a PoP if you don't have an existing OnApp Cloud installation. Using any commodity hardware, you can deploy an OnApp Controller server with one or more hypervisors to create a standalone CDN resource.

Scale with our global marketplace

The OnApp CDN marketplace offers dozens of CDN locations around the world, and it's growing all the time. Using a simple web-based control panel you can browse CDN locations, checking each provider's pricing, bandwidth and server specs, and add locations to your own CDN with a couple of clicks.

The marketplace offers a broad range of price/performance options for your CDN, so you can tailor your service to the needs of your customers.

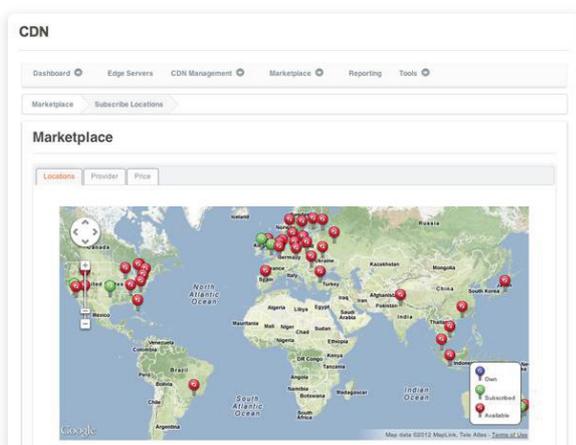
Sell your spare capacity

OnApp CDN is an easy way to monetize spare cloud capacity and bandwidth by selling it on our CDN marketplace. Once you've created your own CDN PoP, you can submit it to the marketplace, set your own prices and receive regular payments for the bandwidth you sell.

Every PoP is assessed against a range of criteria before it is accepted into the marketplace, in order to ensure effective CDN performance for providers and end users. Criteria include server specs, disk performance, bandwidth, location and pricing.

Transparent managed service

OnApp acts as the intermediary between buyers and sellers on the marketplace. It's a simple, transparent and fully managed service: you just pay a small fee for marketplace transactions.



Integrated Anycast DNS service

OnApp CDN includes a global Anycast DNS service. Hosted by OnApp at 14 datacenters around the world, it automatically directs content requests from end users to the most suitable location.

An advanced decision engine performs DNS lookups and queries a geolocation database to establish the user's location. It combines that with information about the status and location of CDN edge resources, in order to identify the most suitable edge servers to deliver content. There is a simple per-TB fee for traffic routed through the service.

Cloud integration & API

OnApp CDN integrates fully with OnApp Cloud and has an open API for integration with 3rd party applications.

You can manage your CDN edge servers, user permissions and billing through the OnApp Control Panel, in just the same way as you manage virtual machines. OnApp CDN is supported by OnApp's fully RESTful JSON and XML API.

Supported protocols

OnApp CDN supports HTTP push, and HTTP pull using Nginx (ncache) for pseudo streaming of small & large files. Streaming support will be added in a future release.

Hardware requirements

OnApp CDN has modest hardware requirements, and works with your existing OnApp Cloud infrastructure.

OnApp Controller Server: any x64 server with a 2GHz+ dual or quad-core CPU, 8GB+ RAM, 100GB RAID 1 and 2 x gigabit NICs.

Edge servers/hypervisors: any x64 platform with hardware virtualization enabled, a 2GHz+ quad core CPU, 4GB+ RAM, and 30GB free disk space. SSDs are optional, but recommended for maximum I/O performance.

SAN: any block storage. SSDs are optional, but recommended for maximum I/O performance.

For a demo and more information:

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