OnApp Container Servers

Container Servers enable your customers and users to deploy Docker containers in your OnApp cloud, and manage them through the OnApp control panel.

OnApp Container Servers are deployed just like other server types in OnApp, via the OnApp provisioning wizard. A Container Server is much like a virtual server, but is based on a CoreOS template that includes all the tools required to manage a Docker environment.

CoreOS is a secure, efficient operating system designed for running containers like Docker. It provides the ability to create and manage containers, and manage supporting services for those containers via Cloud-Config. Cloud-Config enables customization of OS-level items such as network configuration, user accounts and systemd units.

Docker allows applications to be packaged into a container that can be deployed on any Docker-capable platform, in an on-premise cloud, in public clouds and on bare metal servers.
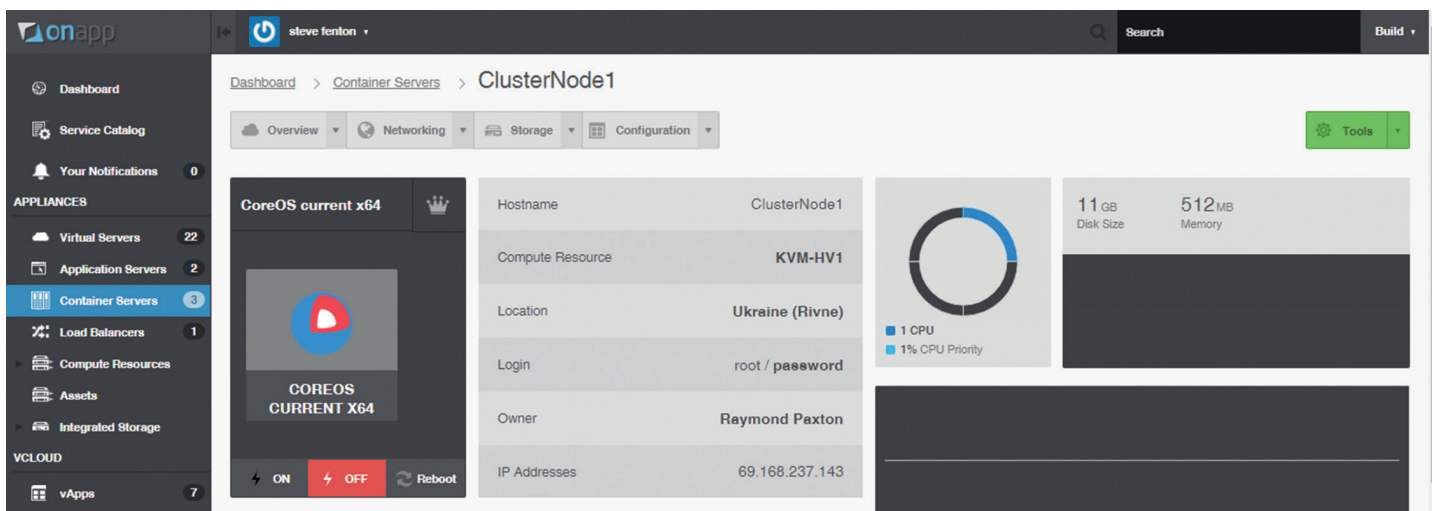
OnApp Container Servers enable CoreOS-based Docker containers to be deployed and managed in your OnApp cloud. Containers are provisioned and managed through OnApp's intuitive GUI – which also makes it easy to customize CoreOS Cloud-Config for each container.

Container Server use cases

OnApp Container Servers help you bring the benefits of hosted containers to your customers.

Docker simplifies DevOps and supports continuous integration/continuous deployment methodologies; now you can bring these benefits to your clients and users through your OnApp cloud. It's especially popular among developers, for whom Docker simplifies the process of developing, shipping and running applications across multiple platforms.
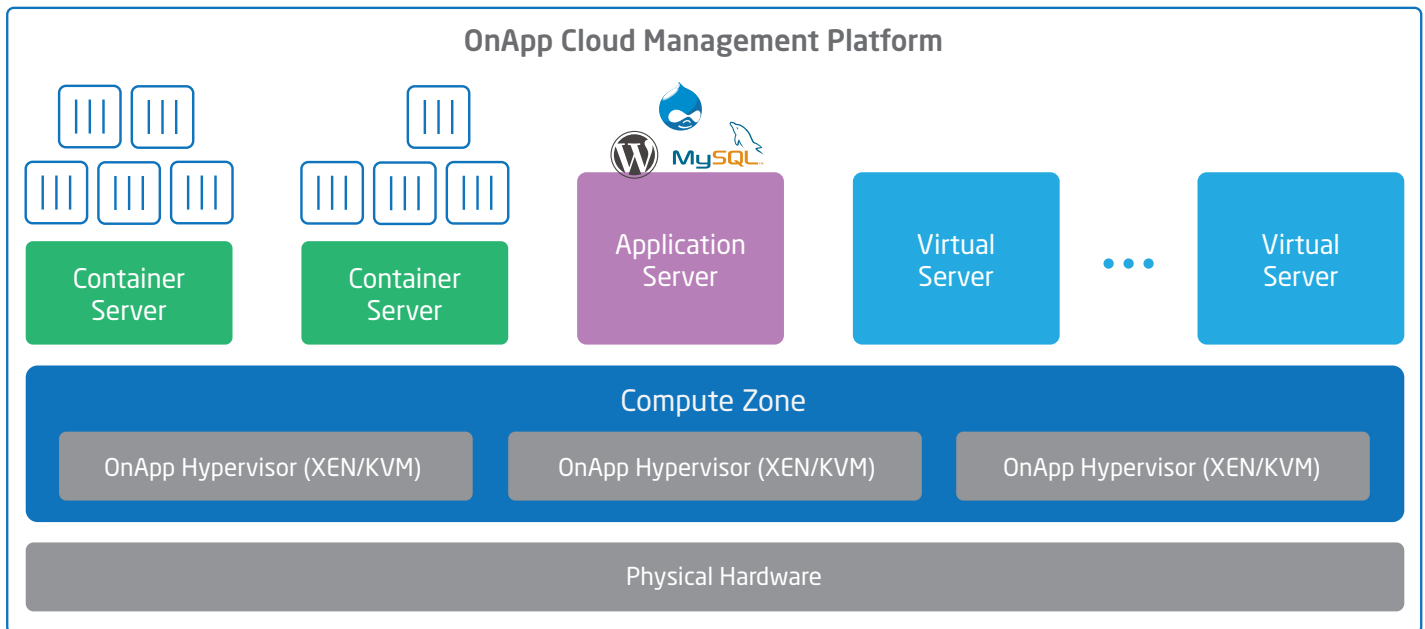
Docker also provides a way to consolidate applications into a single container - so for example, you can run multiple applications (e.g. Wordpress) with a central database. Conversely, Docker containers can also simplify deployment and management of applications across compute clusters.

Managing Container Servers through the OnApp control panel

One pane of glass – any virtual appliance

Container Servers are one of many virtual appliances supported in the OnApp cloud platform. Through a 'single pane of glass' control panel, you can use OnApp to sell, provision and manage containers alongside virtual servers, CDN, storage, backup, disaster recovery, bare metal and more – and bring in EC2 instances as well.
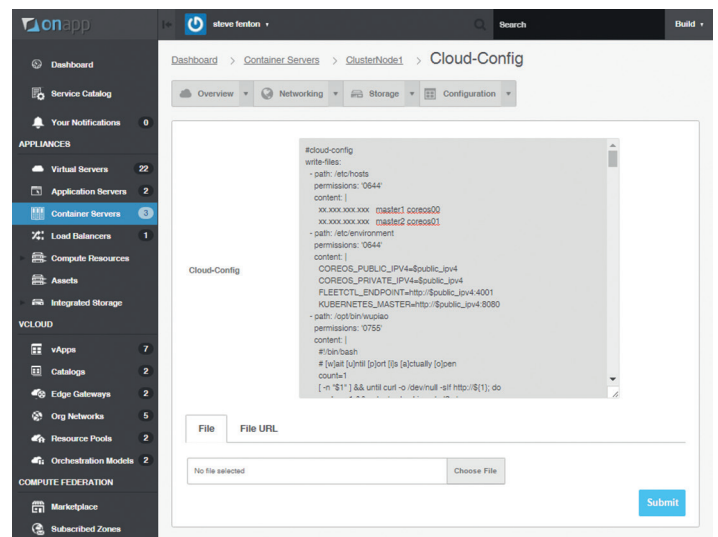

OnApp provisions and manages Container Servers alongside a wide range of other server appliance types

Container Servers & Kubernetes

OnApp provides all the tools needed to run Kubernetes as part of the CoreOS template used in Container Servers. Kubernetes is an open source system for automating deployment, scaling and management of containerized applications.

The combination of OnApp Container Servers and Kubernetes delivers a truly scalable and resilient Docker management environment, as a seamless part of your OnApp cloud.

Customizing Core-Config for Docker via the OnApp UI