

SOLUTION BRIEF

# Remote Office / Branch Office Cloud

*Enterprise IT should be simple to deploy and manage - especially in branch offices and retail outlets, where you may not have the skills or physical space to deal with racks of compute, storage and network appliances. With OnApp Enterprise, you can provide cost-effective IT to remote offices, using compact converged servers that are managed centrally, as part of a secure private cloud environment.*

## Turnkey branch IT

OnApp Enterprise takes the complexity out of delivering and managing IT at remote locations.

It's a complete Remote Office/Branch Office (ROBO) cloud solution that's based on efficient, easy-to-scale Intel® Datacenter Blocks hardware - delivered as a compact converged server appliance, with OnApp's comprehensive enterprise cloud management software platform pre-installed.

## Efficient virtualization for remote sites

OnApp software creates a secure private cloud environment across one or more sites, and includes a comprehensive suite of virtualization and private cloud management tools. OnApp's virtualization technology builds on the open source XEN or KVM hypervisors - as used by AWS and Google - with our own battle-tested and hardened customizations to optimize performance, security and efficiency for your distributed private cloud.

## Centralized management

Using OnApp's intuitive control panel, you can centralize management and deployment of virtualized branch applications, network appliances, DHCP servers, DNS servers, file/print/communication servers, and more. It's a complete solution for multi-location IT, that brings together the benefits of converged server infrastructure, and efficient private cloud management.

## KEY BENEFITS

- ▶ **Reduce cost & complexity**  
Low cost/high performance hardware with a time-saving intuitive GUI
- ▶ **Software Defined Storage**  
No need for a separate SAN
- ▶ **Automated provisioning**  
Automatically discover and deploy remote servers with OnApp CloudBoot
- ▶ **Flexible scaling**  
You choose the compute/storage you need - match IT capacity to the needs of each location
- ▶ **No third party HV costs**  
OnApp has native Xen/KVM virtualization - no additional hypervisor license costs
- ▶ **Centralized management**  
Manage system health, usage, templates, users & more through one UI
- ▶ **Backup & replication**  
Automate incremental and snapshot backups, or replicate in real time to remote locations



BRANCH OFFICE



REMOTE OFFICE



STORE



BRANCH OFFICE

## Cost-effective, powerful and scalable

*Starting from a single appliance, you can take advantage of ultra-compact converged hardware to deliver high-density compute for remote office/branch office applications, at a fraction of the cost of HCI solutions.*

### End-to-end IT automation

OnApp makes it easy to manage remote locations: everything is controlled through one central control panel, with wizards and on-screen controls for all key functions and a built-in workflow automation system.

You can centralize provisioning of IT resources, enable users to self-serve IT resources, or combine both strategies depending on configurable user and departmental permissions and limits. OnApp automates load balancing, scaling and backup, and provides DevOps tools for orchestrating applications management. It also includes a full API.

### Software-defined storage

OnApp includes a complete software-defined storage system, so you don't have to invest in a proprietary SAN to build your cloud. OnApp pools the capacity of disks in your cloud's compute nodes, to create a fast, resilient distributed storage environment, with full control over performance and replication at a cloud, storage tier and application level.

OnApp's storage system is completely decentralized, and can be scaled simply by adding or upgrading disks. You can also scale storage and compute independently, and mix nodes of different specifications in the same cluster.

### Integrated backup

OnApp includes a native backup solution integrated into your distributed cloud management UI. It leverages incremental backups to save on disk space and allows you to schedule backups to run at your own convenience. You can configure backup frequency, retention periods and much more when setting up your backup schedules.

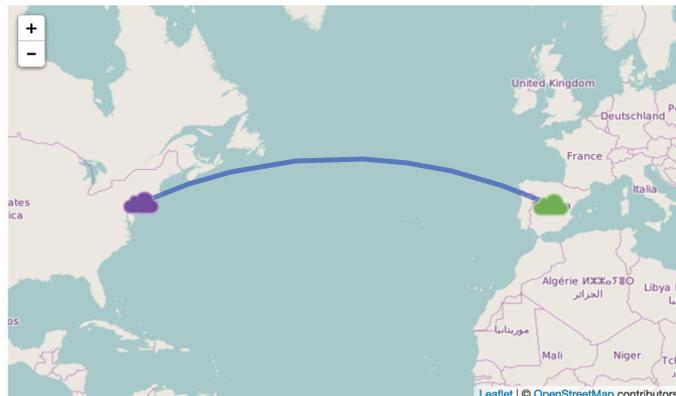
You can easily convert your backups to OnApp templates, which you can use to provision an exact replica of the backup that was taken, at any of your remote locations.

### User management & governance

OnApp's advanced Role Based Access Control (RBAC) system makes it easy to manage users across multiple departments and geographies. You can provide any mix of users, departments and applications with highly granular, controlled access to resources across your IT infrastructure - and track and log changes from a single point of control.

### Remote replication & migration

OnApp also supports real-time replication to one or more remote sites. You can replicate workloads from remote locations to your head office, and migrate workloads seamlessly between locations using our Cloud Motion technology.



### Metering for chargeback/showback

OnApp includes a comprehensive resource metering system that supports a wide range of chargeback, showback and billing strategies - whether you need to assign cost to internal users or departments, or even invoice end users.

### Template library & service catalog

OnApp has a huge library of Linux, Windows and BSD operating system templates, and templates with applications pre-installed. OnApp maintains a central catalog of services that can be provisioned by users from a single log-in, even if the services exist in different locations: for example, virtual server instances and apps that deploy automatically, or professional services that are manually fulfilled by your IT team.

### More information:

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