IRON global ™

onapp | (intel)

CLOUD SOLUTION

MORE SCALABLE - MORE AFFORDABLE - MORE INTUITIVE - TRULY TURNKEY
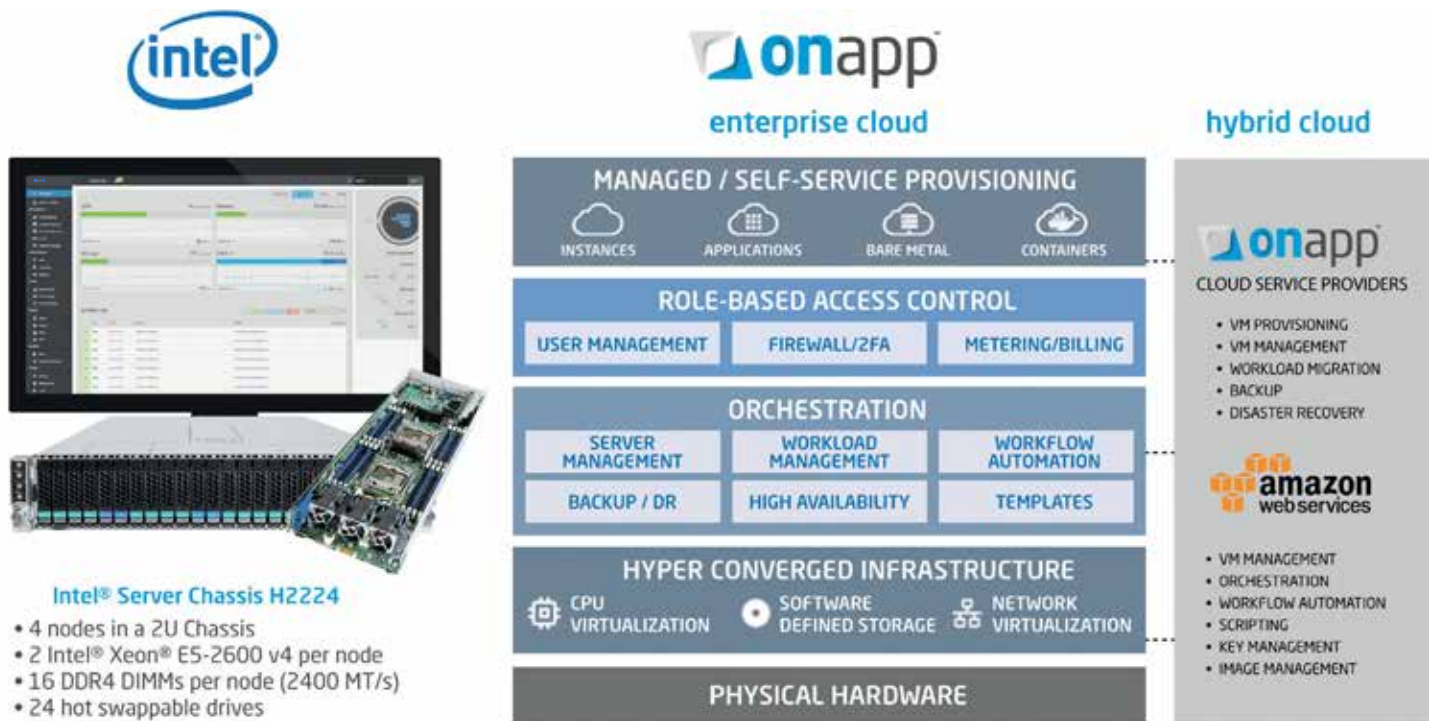
The new enterprise cloud solution

There's a new way for businesses to bring cloud efficiency and flexibility to the datacenter.

Welcome to the new enterprise cloud solution from OnApp and Intel. It combines Intel hardware with OnApp cloud management software in a turnkey, hyper-converged cloud appliance.

Now SMBs and enterprises can build private and hybrid clouds that are easier to deploy, easier to use, more scalable and more cost-effective than ever before.

Enterprise cloud. Redefined.

Our new cloud appliance brings OnApp's industry-leading cloud management platform together with Intel's best-of-breed hardware, to bring intuitive cloud automation and control to your datacenter.

Intel® Server Chassis H2224
- 4 nodes in a 2U Chassis
- 2 Intel® Xeon® E5-2600 v4 per node
- 16 DDR4 DIMMs per node (2400 MT/s)
- 24 hot swappable drives

enterprise cloud

MANAGED / SELF-SERVICE PROVISIONING
- INSTANCES
- APPLICATIONS
- BARE METAL
- CONTAINERS

ROLE-BASED ACCESS CONTROL
- USER MANAGEMENT
- FIREWALL/2FA
- METERING/BILLING

ORCHESTRATION
- SERVER MANAGEMENT
- WORKLOAD MANAGEMENT
- WORKFLOW AUTOMATION
- BACKUP / DR
- HIGH AVAILABILITY
- TEMPLATES

HYPER CONVERGED INFRASTRUCTURE
- CPU VIRTUALIZATION
- SOFTWARE DEFINED STORAGE
- NETWORK VIRTUALIZATION

PHYSICAL HARDWARE

hybrid cloud

CLOUD SERVICE PROVIDERS
- VM PROVISIONING
- VM MANAGEMENT
- WORKLOAD MIGRATION
- BACKUP
- DISASTER RECOVERY

amazon web services
- VM MANAGEMENT
- ORCHESTRATION
- WORKFLOW AUTOMATION
- SCRIPTING
- KEY MANAGEMENT
- IMAGE MANAGEMENT

MORE INTUITIVE
than OpenStack

MORE AFFORDABLE
than Nutanix

MORE SCALABLE
than Simplivity

EASIER TO DEPLOY
than VMware

Making the cloud work for IT and business

Traditional on-premise HCI/cloud solutions are complex, time-consuming and expensive to deploy. Now you can bring private, hybrid and multi-cloud automation to your business at a fraction of the cost, and in as little as a day.

TRULY TURNKEY
<1 day to deploy

SIMPLE PRICING
< ⅓ of other solutions

HIGHLY SCALABLE
4 to 100s of servers

FULLY AUTOMATED
simplify IT to cut costs

IRON global ™

A proven, end-to-end enterprise solution

The OnApp cloud platform provides the complete suite of cloud management capabilities, out of the box:

- ▸ Cloud orchestration & automation
- ▸ Virtualization management
- ▸ OS and application templates
- ▸ User management for multiple departments
- ▸ Metering & chargeback/showback
- ▸ Software-defined storage
- ▸ Backup, Disaster Recovery & HA
- ▸ Advanced enterprise-grade security
- ▸ Whitelabel/rebranding capabilities

Intuitive IT automation

All private cloud management is controlled through OnApp's intuitive control panel, with wizards and on-screen controls for all key functions. You can even enable users to self-serve IT resources based on configurable permissions and limits.

OnApp automates load balancing, scaling, failover and backup, and provides DevOps tools for orchestrating applications management. It also includes a full API.

Advanced security & High Availability

OnApp clouds are secure, self-healing and extremely resilient, with automatic hypervisor failover, High Availability clustering support, and disaster recovery options for real-time remote replication and restore of virtual servers.

OnApp has a multi-layered security model, enabling secure VLAN sharing; VM data and traffic isolation; single sign-on; anti-spoofing/sniffing firewalls; two factor authentication; and a range of whitelisting, password enforcement and other features.

Built-in template library

OnApp has a huge library of Linux and Windows operating system templates that can co-exist in any combination on your servers - and a huge library of SaaS and PaaS applications, which can be deployed automatically in your cloud.
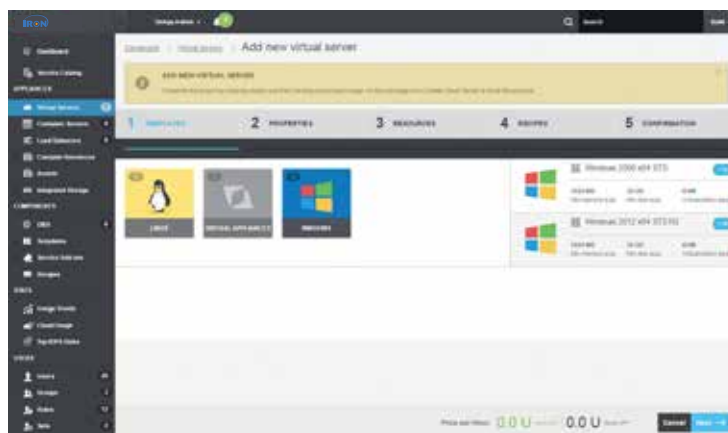
Software-defined storage

OnApp works with any block storage system, but 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.

Multi-cloud, multi-hypervisor

OnApp provides a single abstraction and management layer for IT infrastructure on one or many sites. OnApp can manage Xen and KVM hypervisors, bare metal servers and public clouds like Amazon EC2, so you can place workloads where they work best, across multiple private or public clouds, and help mitigate 'shadow IT'.

By bringing multiple virtualization platforms and service types together, OnApp helps simplify multi-cloud strategies, increase infrastructure utilization and optimize workload placement for price, performance, compliance, DR and more.

24x7 global support

OnApp includes a full service wrap with 24x7 global support, by telephone and email, and a 15 minute SLA as standard.

OnApp includes a complete software-defined storage system

Where to Begin

Contact Our Iron Global Representative

🖶 : (1) 408-943-8000   ✉ : sales@ironsystems.com
🌐 : www.ironsystems.com