VMware vCloud Air
Service Description

What if you could...

• Seamlessly extend any application into a vSphere compatible public cloud with no changes?
• Migrate VMs on or off premises, when you choose, for true workload portability?
• Use the same portal, management tools and network settings that you have on-premises?
• Remain in control of your workloads, independent of location?
• Have a true Hybrid Cloud Environment?

Welcome VMware Air

Enterprise organizations are looking to cloud-based solutions to improve efficiencies, geographical coverage, and economies of scale. Most have made sizable investments in existing infrastructure and are faced with the decision of how to make the best use of existing investments as well as future expansions. Why choose between your onsite environment and public cloud services when the most effective strategies leverage both? Rely upon your trusted onsite investments while effectively extending your services to an equally trusted Hybrid Cloud infrastructure from VMware.

AT A GLANCE

VMware vCloud® Air™ is a secure public cloud service operated by VMware, built on the trusted foundation of VMware vSphere®. The service supports existing vSphere workloads and third-party applications as well as new application development, giving IT a common platform to seamlessly extend their data center into the public cloud and remain in control. Combine the benefits of your existing vSphere data center with the agility of vCloud Air and you have a true Hybrid Cloud that is scalable, portable and agile enough to meet your growing business needs.

The vCloud Air portfolio includes Infrastructure as a Service, Recovery as a Service and a vast catalog of supported Applications and Operating Systems. vCloud Air is offered in both subscription and pay as you go packaging.

KEY BENEFITS

• Broadest OS and Application Support – vCloud Air supports over 5000 applications and dozens of operating systems that are certified to run on vSphere, so you can run your applications in the cloud, no changes required.
• Network Integration – Your IT infrastructure can extend beyond the physical limits of your data center to the cloud, using the same network configurations as your on-premises infrastructure.
• Reliability and Manageability – You can write, deploy, and manage applications in the cloud the same way you do today, relying on the same underlying vSphere platform.
• Comprehensive Suite of vSphere Management Tools – vCloud Air is architected on the same platform as vSphere and is integrated with various management tools including vSphere Web Client, vRealize™ Automation™, vRealize Operations™, vCloud Connector®, and many more.
• Suite of Business Continuity Services – Save time and lower expenses by utilizing our suite of cloud- based disaster recovery, and data protection services.
• Tiered Storage Options – SSD-Accelerated and Standard storage offerings to meet your performance and budget needs.

With over 70 percent of hypervisor market share in the enterprise space, and the industry-leading suite of management and automation tools, VMware vCloud Air is your solution for extending into the public cloud. Built on the trusted foundation of VMware vSphere, vCloud Air integrates with your on-premises data center to effectively blend the flexible scalability of an offsite cloud with the security and integration dependencies of your existing onsite service infrastructure. vCloud Air supports both existing workloads as well as new applications, giving IT admins and architects a common platform to seamlessly extend existing data centers to the cloud and leverage the same tools and processes they use today.
Infrastructure and Recovery as-a-Service

vCloud Air is a complete public cloud platform ready to serve a wide range of use cases including high-performance production workloads for both existing and new applications, test and development and Disaster Recovery needs. VMware provides the compute, storage and networking infrastructure as well as various management tools for a complete cloud experience that is compatible with existing on-premises vSphere data centers. Users can bring their own VMs, tools and third-party licenses for full control. vCloud Air makes it possible for users to migrate VMs and workloads to and from the public cloud with ease, using the same vSphere tools you use today.

vCloud Air also offers Recovery as-a-Service for those customers who are seeking a cost-effective option to replicate on-premises VMs into the cloud. Complete with replication, failback and various snapshot offerings, you can now enable a feature complete Disaster Recovery plan.

vCloud Air Offerings

vCloud Air offers three separate service offerings, each includes essential compute, storage, and networking as well as a growing portfolio of add on features. Software you trust is now expanded into an easy-to-use cloud service that makes expanding your environment into the Hybrid Cloud easier than ever.

Dedicated Cloud – A robust, physically isolated cloud compute service that is ideal for enterprise users who need the benefits of a single tenant environment in which to host high-performance, custom and packaged applications, or highly variable Development and Test workloads. With Dedicated Cloud, users have access to the entire server and benefit from licensing and advanced control capabilities.

Virtual Private Cloud – Virtual Private Cloud offers a logically isolated, multi-tenant cloud compute service for utmost cloud agility. Available in either subscription or no-commitment Pay as you Go packaging, Virtual Private Cloud is a cost-effective Hybrid Cloud solution that provides considerable performance, value and expandability. Use cases range from Web and Mobile applications to highly variable Development and Test workloads.

Disaster Recovery – A Recovery-as-a-Service solution that offers native cloud-based disaster recovery capabilities for VMware vSphere virtual environments. Logically isolated VM-based disaster recovery that is affordable and easy to use. Disaster Recovery protects your on-premises cloud infrastructure, providing self-service recovery options that fit your needs.

Additional Features

- Object Storage – New Object Storage offering coming soon
- Data Protection – Secure backup at your fingertips
- Direct Connect – High-speed, private line connectivity
- Offline Data Transfer – Encrypted bulk data transport
- OS & Application Catalog on the VMware Marketplace
- A growing roadmap of new capabilities

5 Common Hybrid Cloud Starting Points

The vCloud Air portfolio of service solutions breaks new ground in providing organizations new and better options for how they provision and manage infrastructure resources, develop and host applications, and mitigate the risk of business disruptions. This complete set of Hybrid Cloud solutions uniquely delivers against a variety of use cases. Learn more at: http://vcloud.vmware.com/explore-vcloud-air/5-starting-points
vCloud Air Meets Your Needs

Broadest OS and Application Support
vCloud Air supports 5000+ applications and 90+ operating systems that are certified to run on VMware vSphere, so you can run your applications in the cloud with no changes required. This addresses a shortcoming of many other cloud providers’ offerings: the complexity and effort required to run today’s applications with the same performance and uptime you already achieve internally. vCloud Air can deliver a faster path to cloud success and return on investment, while minimizing risk.

Seamless Network Integration—Extending Beyond Your Current Data Center
vCloud Air is built on a seamless virtualized network that is quickly customizable to support your application and security needs. You can stretch your layer 2 and/or layer 3 networks seamlessly from your data center to vCloud Air without the need for manual configuration changes.

Network virtualization allows you to configure your firewalls and network to mirror your on-premises network. Same network on your site and in our public cloud. That’s Hybrid!

High-Performance, Security and Compliance
You get the same level of security, reliability, and performance with vCloud Air as you do from your current VMware infrastructure. Critical applications can deliver the performance you need. You can allocate and provision resources where you need them. You can leverage your existing IT policies to meet security, compliance, and control requirements. It’s the same VMware technology you know and have come to rely on, and provides the agility, automation, and standardization you demand.

Reliability and Manageability—Lower Risk and Cost of Ownership
VMware delivers the reliability and manageability you need from a Hybrid Cloud platform. Built on vSphere, vCloud Air includes, at no additional cost, automated replication, monitoring, and high availability for your applications.

Leveraging the same platform you run internally, you can extend your management tools into the cloud, providing an integrated IT continuum across your data center and the cloud. VMware leverages your existing investments, processes, and expertise to lower your cost of ownership.

Comprehensive Ecosystem and Best-in-Class Support
You have access to a deep ecosystem of management toolsets, consulting, and service partners. No matter where your applications are running or how much help you need, you can leverage the VMware ecosystem to get there. Leverage the same award-winning VMware support across your end-to-end IT solutions, from your data center to the public cloud, and everywhere in between.

How to Buy
vCloud Air is offered as both a term-based subscription service, with monthly and annual term options, and as a Zero-Contract, pay-as-you-go service called OnDemand. These services can be purchased via a Purchase Order (PO), Subscription Purchasing Program (SPP), or directly via credit card.

Subscription – PO or SPP
• Predictable cost and budget
• Defined resource pool
• Ideal for “steady state” workloads

OnDemand – Credit Card or SPP
• Variable cost based on consumption
• Virtually unlimited resource pool
• Ideal for elastic workload demands

Dedicated Cloud, Virtual Private Cloud, Virtual Private Cloud OnDemand and Disaster Recovery are separate service offerings and can be purchased individually, with selectable storage options and add-ons. Each service is expandable to meet your capacity needs as they grow. Subscription services are offered in monthly and annual terms.

Support
VMware makes subscription and “pay as you go” services support available to all vCloud Air customers. Support includes access to specialists who assist in coordinating onboarding activities as well as ongoing service support. For customers who require additional services, VMware also offers professional services engagements on best practices and getting started with your deployment, both directly and through an extensive network of certified professionals.

Find Out More
For more information or to purchase VMware products, call 1-877-4VMWARE (outside of North America dial +1-650-427-5000), visit the VMware vCloud Web page at http://vcloud.vmware.com.
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* Not all configurations are available in all regions