

# VMware vCloud Air

## Virtual Private Cloud

### KEY BENEFITS OF VCLLOUD AIR

- **Broadest OS and Application Support — The Fastest Path to Cloud** – vCloud Air supports over 5000 applications and dozens of operating systems that are certified to run on VMware vSphere, so you can run your applications in the cloud with no changes required and trust that the foundation is ready to support your needs.
- **Seamless Network Integration — Extend Beyond Your Current Data Center** – Your IT infrastructure can extend beyond the physical limits of your data center to the cloud, without you having to change how you do things.
- **Reliability and Manageability — Driving Down Your Risk and Cost of Ownership** – You can write, deploy, and manage applications in the cloud the same way you do today, relying on the underlying platform to provide application availability rather than redesigning your applications to work around expected platform limitations.
- **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.
- **Standard or SSD-Accelerated Storage** – Both options allow for effortless growth of VMDKs without downtime, and the flexibility to migrate across storage tiers based on your workloads storage performance demands. You have the control to pick.

### Virtual Private Cloud

VMware vCloud® Air™ Virtual Private Cloud is a secure, capable and expandable infrastructure as a service (IaaS) compute environment in which to start migrating your key production workloads to the public cloud and also launch your net new applications. Architected on VMware vSphere® using the same design elements as the larger Dedicated Cloud service, Virtual Private Cloud offers customers considerable value and flexibility in a hybrid cloud solution.

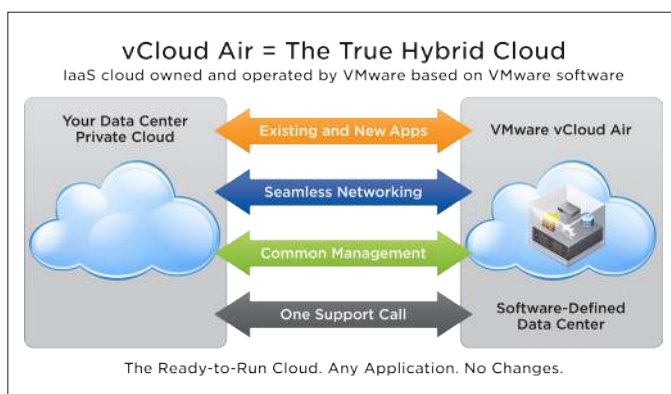
Including a resource pool of compute, standard or SSD-accelerated storage, production support, and a host of network capabilities, Virtual Private Cloud is a multi-tenant, logically isolated cloud infrastructure as a service (IaaS) compute solution. Virtual Private Cloud is expandable through the use of add-ons to meet your business needs, and is available in both monthly and yearly subscription contracts.

### Virtual Private Cloud OnDemand

Get self-provisioned access to automatically resizable cloud compute services that seamlessly extend to and from your existing infrastructure with Virtual Private Cloud OnDemand. Access the standards-compliant infrastructure you need to meet immediate elastic workload demands from a virtually unlimited pool of resources. OnDemand is a pay-as-you-go Infrastructure-as-a-Service available online for credit card payment. Benefit from a fixed price for the resources, capacity and operating systems you consume based on per minute metering. Costs are billed monthly only for the aggregate amount of resources you consume. Provision self-service resources into any location for optimized performance and reduced latency. Easily create, resize, rename or delete multiple virtual data centers. Virtual Private Cloud OnDemand reliably and flexibly extends your data center to the cloud.

### Service Details

Virtual Private Cloud subscription service is offered with 10GHz of vCPU, as well as 20GB of vRAM. The memory is 100 percent reserved and the CPU is 50 percent allocated, so even though this is a multi-tenant environment, you are guaranteed an allocated amount of compute to meet your needs. Virtual Private Cloud is offered with either primary or SSD-accelerated storage options. Additional services such as Direct Connect, Data Protection and integration with a robust suite of management tools are all available options on the Virtual Private Cloud Service.



From a management perspective, Virtual Private Cloud includes user management controls and is set up with its own Virtual Data Center (VDC). It includes fully private networking and its own edge gateway and allows the user to manage the network settings accordingly. Bandwidth is 10Mbps that is burstable up to 50Mbps. Like Dedicated Cloud, Virtual Private Cloud includes at no charge network attributes such as firewall, load balancer, NAT, VPNs and High Availability.

Virtual Private Cloud OnDemand does not require any upfront resource or cost commitments. Quickly create virtual data centers, networks and virtual machines with an easy 2-Step virtual machine provisioning process that allows you to allocate any ratio of CPU, memory and storage. Adjust those resources at any time while the virtual machines are still running. Create truly custom builds of your virtual machines instead of having to use predefined sized instances. Expand and manage multiple virtual data centers on demand with easier manageability of resource groupings. Within your Virtual Private Cloud OnDemand Service, VMware provisions your first virtual data center, a gateway, and a routed network with a public IP address. Virtual Infrastructure Administrators can always create additional virtual data centers as needed or desired. Simple billing aggregates usage on a monthly basis broken down by data center and then simply by the individual memory, CPU, and storage components.

## Use Cases

There are several use cases that make Virtual Private Cloud an ideal solution to extend your footprint into the public cloud.

- **Test & Development** – Virtual Private Cloud is ideal for handling highly variable and non-performance driven Test & Development use cases.
- **Extend Enterprise Applications** – Launch your next N-tier architecture stack on Virtual Private Cloud.
- **Next Generation Applications** – Explore new web and mobile application development and hosting.

## Benefits of Virtual Private Cloud

Virtual Private Cloud is a perfect starting point for a customer who has a smaller expected workload, is on a tight budget, or may be more sensitive to cost in their initial journey into the public cloud space. Virtual Private Cloud is a great option for workloads that do not require dedicated hardware and can be comfortably deployed in a multi-tenant environment. The minimum Virtual Private Cloud subscription bundle is capable of handling production workloads, and the resources within a Virtual Private Cloud can be increased as the customers needs grow.

Virtual Private Cloud OnDemand provides the scalability of a public cloud environment when the demand for resources is inconsistent and difficult to size. The availability of open ended self service provisioning allows the flexibility you need when you need it.

Compatibility with vSphere, the host of integrated management tools, and the certified catalog of applications and operating systems makes Virtual Private Cloud an ideal extension of your existing infrastructure or net new public cloud environment.

	VIRTUAL PRIVATE CLOUD SUBSCRIPTION
Compute	20GB vRAM, 10GHz vCPU Multi-tenant
Storage	2TB Standard or SSD-Accelerated Storage
Internet Bandwidth	10Mbps Bandwidth Bursting to 50Mbps
Public IPs	2 Included
Add Ons	Compute, Storage, & IPs
Additional Options	Direct Connect, Data Protection, Offline Data Transfer
Production Support	24 hours/day 7 days/week 365 days/year
Subscription Terms	1 month 3 month 12 month 24 month 36 month

## What is VMware vCloud Air?

vCloud Air is a public cloud platform that is owned and operated by VMware, built on the trusted foundation of VMware vSphere®. The service supports both existing workloads as well as new application development, giving IT administrators and architects a common platform to seamlessly extend existing data centers to the cloud and leverage the same tools and processes they use today. Using this IaaS platform, vCloud Air is able to offer standalone Infrastructure and Disaster Recovery services. VMware provides the infrastructure compute layer, OS and application catalogs, and various management tools for a full cloud experience. 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 are already familiar with. vCloud Air supports existing and new applications, offers seamless networking, on a common management platform, all supported by the same VMware professional support team. vCloud Air makes expanding into the public cloud easy and does so with the tools and support you trust.

## Support

VMware makes subscription 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.

## How to Buy

vCloud Air is offered as both a term-based subscription service and as a pay as you go service. 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.

## Find Out More

For more information or to purchase VMware products, call 1-877-4VMWARE (outside of North America dial +1-650-427-5000) or visit the VMware vCloud Air web page at <http://vcloud.vmware.com>.

