

VMware vCloud Air

Dedicated Cloud

KEY BENEFITS OF V CLOUD AIR

- **Broadest OS and Application Support – The Fastest Path to Cloud** - VMware vCloud® Air™ supports over 5,000 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.

Dedicated Cloud

VMware vCloud Air Dedicated Cloud is a dedicated single-tenant, physically isolated cloud compute service. Dedicated Cloud offers the broadest set of capabilities among the compute services in vCloud Air and delivers a host of benefits that make it the service for migrating existing production workloads, hosting Test/Dev environments, and creating new applications. Dedicated Cloud is your own private cloud instance, in the public cloud.

Including a resource pool of compute, standard or SSD-accelerated storage, production support, and a host of network capabilities, Dedicated Cloud is a full compute Infrastructure-as-a-Service (IaaS) solution.

Use Cases

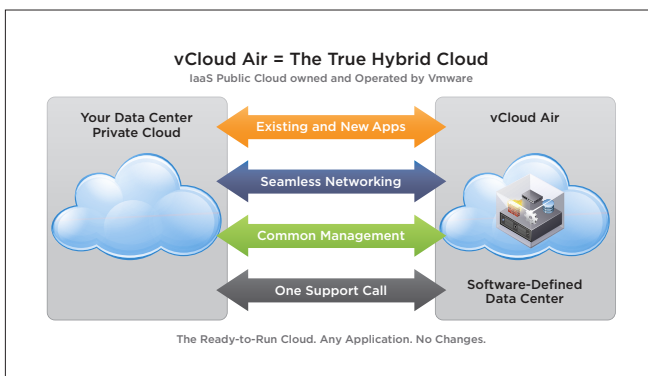
There are several benefits that make Dedicated Cloud an ideal solution to extend your footprint into the public cloud. Compared to typical public cloud environments, Dedicated Cloud provides more robust and comprehensive capabilities and eliminates licensing issues, which commonly plague public cloud environments. Dedicated Cloud is best able to handle expanding end-user demands and can deliver a considerably lower per-VM cost than competing services.

- **Test & Development** - Dedicated Cloud is ideal for handling highly variable Test & Development workloads and enables you to improve resource utilization through over-commitment of resources.
- **Extend Existing Applications such as packaged applications like Microsoft Exchange** where licensing concerns are high is an ideal usage scenario. Consider Dedicated Cloud for your next upgrade cycle of virtualized desktops or other enterprise applications.
- **Modernize Enterprise Applications** - Dedicated Cloud is an ideal option for business-critical workloads and virtual desktops running on N-tier architecture where dedicated hardware is required for performance or isolation.
- **Next Generation Applications** - Evolve from traditional to next generation web or mobile application hosting on Dedicated Cloud.

Benefits of Dedicated Cloud

Reservations: The user has complete control of memory and CPU, and can reserve defined amounts of either to a specific VM, thus making sure that resource is allocated for that specific purpose.

Dedicated Cloud allows for 100 percent reservation for vCPU and vRAM, ideal for compute-intensive Java application servers or database applications.



Over-Commit: Conversely, the user can choose to over-commit resources across multiple VMs, based on the performance characteristics, consumption patterns and requirements of your applications. In a Test & Dev or similar use case, you may drive significantly higher volumes of transient or non-performance-driven VMs into Dedicated Cloud and achieve lower unit costs. This enables you to increase resource utilization by over-committing resources.

License Management: The disparate licensing models of various software vendors make it difficult to manage software licenses for public cloud and other multi-tenant environments. In many instances, the licensing rules generally apply to physical hosts or actual CPU cores and thus cause difficulties deploying on public cloud options. Dedicated Cloud solves both of these challenges architecturally. It provides users with a single-tenant compute architecture, serving as a hosted private cloud service, instead of a multi-tenant offering. This helps make Dedicated Cloud ideal for packaged applications.

Virtual Data Centers (vDC): Dedicated Cloud customers are allowed to separate their cloud resources into multiple discrete vDCs, and divide resources accordingly, across different use cases, user groups, or resource pools. Each vDC has separate user account control, memory over-commitment rules, and application catalogs for a fully personalized vDC.

	DEDICATED CLOUD
Compute	120GB vRAM, 30GHz vCPU 100% reservation for vRAM & vCPU Multiple vDCs
Storage	6TB Standard or SSD-Accelerated Storage
Internet Bandwidth & Networking	50Mbps Bandwidth (Bursting to 1Gbps) Multiple Edge Gateways
Public IPs	3 Included
Add Ons	Compute, Storage, & IPs
Additional Options	Direct Connect, Data Protection, Offline Data Transfer
Support	24 hours/day 7 days/week 365 days/year
Subscription Terms	1 month 12 month 24 month 36 month

What Is VMware vCloud Air?

vCloud Air is a secure 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>.

