**Frequentemente Assesta Perguntas**

**VMware vCloud Air**

**Public Cloud Infraestrutura como um Serviço Plataform**

**vCloud Air**

**Q. What is VMware vCloud Air?**

A. VMware vCloud Air is a secure infrastructure-as-a-service (IaaS) public cloud 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 by leveraging the same tools and processes they use today.

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 into (or out of) the public cloud with ease, using the same vSphere tools you use today.

vCloud Air is VMware’s public cloud, built on the same architecture as vSphere and using the same management tools. Extend your private, on-premises cloud into the public cloud with vCloud Air.

**Q. What is a “Hybrid Cloud”?**

A. Hybrid clouds are infrastructure services that make it possible for you to seamlessly extend your data center to the public cloud leveraging the same infrastructure, same network, and same management and skills that you use today. They enable you to deploy and run your applications onsite, offsite, or both without compromise, making it unnecessary to change APIs, rewrite applications, or be susceptible to vendor lock-in.

**Service Offerings**

**Q. What services are offered on vCloud Air?**

A. vCloud Air has three primary service offerings, with more expected soon. The foundational Core Compute service is offered in two variants; Dedicated Cloud and Virtual Private Cloud. vCloud Air also offers a Disaster Recovery service.

In addition to the primary services, vCloud Air offers a growing list of optional Add-On features and capabilities that complement the primary services. These add-on features include Data Protection, Direct Connect, Offline Data Transfer, and VMware Horizon™ DaaS® (Desktop as a Service). Additionally, the Pivotal CF Platform as a Service is offered on vCloud Air.

**Q. What is the difference between the Dedicated Cloud and Virtual Private Cloud IaaS Services?**

A. Dedicated Cloud provides your own single-tenant, physically isolated compute resources, giving you full control of how this compute resource is administered. This allows you to selectively extend capabilities to internal teams for rapid provisioning of resources. Dedicated Cloud allows creation of multiple VDCs as well as the ability to over-commit resources for ultimate utilization or to reserve resources for specific applications. Dedicated Cloud is your own private cloud, in the public cloud, perfect for hosting packaged applications, overcommitted Test & Dev workloads, and mission-critical production workloads.

Virtual Private Cloud is a logically isolated, multi-tenant IaaS environment. Offering a smaller capacity footprint, as well as a vRAM reservation capability, Virtual Private Cloud is a great platform for variable workloads, Test & Dev, and new Mobile and Web application hosting.

Both IaaS services have logically isolated networking and storage that ensures secure resource separation. Both services offer the ability to add incremental amounts of compute, storage and IPs, and can take advantage of additional features including Direct Connect, Data Protection and Offline Data Transfer.

**Q. What is the Disaster Recovery service?**

A. Disaster Recovery provides a reliable failover environment for your data centers. Using asynchronous replication of your VMs, Disaster Recovery is an easy to configure for your disaster recovery needs.

**Use Cases**

**Q. Why should I use vCloud Air?**

A. vCloud Air provides the agility and reliability needed to successfully leverage your existing infrastructure as well as public cloud infrastructure for production and pre-production workloads in many scenarios.

- Expanding data center capacity to meet predicted growth requirements
- Meeting global expansion needs or rapid service delivery timelines defined by changing business requirements
- Shifting from a CapEx to a OpEx IT service procurement model
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How To Use vCloud Air

Q. How do I interact with vCloud Air?
A. The primary solution is the web-based portal at vchs.vmware.com. Additionally, there is a vSphere plug-in for both vCloud Air and VMware® vCloud Connector®. You are also allowed to use VMware® vCloud Director® and several other applications to interact, manipulate and automate your Hybrid Cloud experience.

Q. How do I move my applications, VMs, or vAPPs from my on-premises cloud into vCloud Air?
A. This is a huge benefit of our Hybrid Cloud. VMs and vAPPs can be easily moved from on to off (and back) using one of three, easy to use options.

Existing VMware customers can use vCloud Connector to connect, view, copy, and operate vSphere-virtualized applications across vSphere-based clouds. Both online and offline migration of applications is available. We have demo videos showing how easy it is to move your workloads to the location of your choice. You choose the location and timing of your move so it best fits your schedule.

If you have large workloads to move, it may be advisable to utilize our Offline Data Transfer offering where we will provide you with an encrypted storage device and express mail your data and we will load it for you.

Lastly, you can move data in OVF format over the internet or using our high-speed connectivity solution, Direct Connect.

Q. Can I bring my existing virtual machines and licensed applications into vCloud Air?
A. Absolutely. One of the key benefits of the hybrid cloud is the ability to bring both your existing virtual machines as well as networking architecture into the hybrid cloud. In addition, there are over 5,000 applications from over 2,200 technology partners supported by the platform.

vCloud Air includes an OS and application catalog available as part of the service which makes commonly used workloads available. As long as you maintain license compliance with your existing software vendor you can bring your licensed software into the cloud without issue.

Q. Can I use vCloud Air if I don’t have vSphere or VMware vCloud® Suite?
A. Yes! While vCloud Air is designed to seamlessly connect on-site and off-site data centers, there is no requirement that you have an existing VMware infrastructure in place. The only thing required to begin using the service is a web connection.

How To Buy

Q. How is vCloud Air sold?
A. vCloud Air is sold as a subscription service with a pool of available resources. Services are purchased in a monthly or yearly subscription, with advantaged pricing for longer subscription terms. Incremental compute, storage, or other add-ons can be added to your existing contract term. Depending on the type of applications you are looking to deploy, configuration requirements, and contractual terms you require, you can select the appropriate service term that meets your business, IT and development needs.

vCloud Air can be purchased directly from VMware or through our ecosystem of VMware certified solution providers.

Q. What are the features that are included with vCloud Air offerings?
A. All vCloud Air services include a base amount of compute (vRAM and vCPU), storage, and public IP address resources that can be expanded in a self-service model.

All services include built-in redundancy, high availability, firewalling, load balancing, NAT, DHCP, IPsec VPN, and disk I/O at no additional charge.

Q. Is there an instant consumption offering?
A. There are plans for a credit card-based, pay-as-you-go consumption model in late 2014, which will accompany the existing subscription services.

Q. Can I purchase individual VMs?
A. No. vCloud Air is offered as a pool of resources that are available at your disposal. The advantage of this is the ability to reserve or over-commit the compute resources to meet your needs. Purchasing a fixed size VM does not allow for the most flexibility and may allow for lower resource utilization, whereas over-commitment allows you to extend your resource utilization as you see fit. Additionally, the resource pool model ensures consistent billing.
vCloud Air Locations

Q. Where is vCloud Air currently available for purchase?
A. As of summer 2014, services are currently available in the United States and United Kingdom, with announced expansion into Japan and China. Data centers are rapidly expanding into other regions.

Customers can currently transact with USD, EURO & GBP.

Q. Is there a Federal (FedRAMP) version of vCloud Air?
A. In March 2014, VMware announced the upcoming launch of our vCloud Government Service by Carpathia. SKUs are available for quoting now with service expected to be generally available in the second half of 2014.

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