

# CloudCenter™ In VMware Environments

## Extending vCenter. Any Application. Any Cloud.

CliQr CloudCenter securely provisions infrastructure resources and deploys application components and data to more than 19 datacenter, private and public cloud environments - including vCenter, vCloud Director, and vCloud Air. CloudCenter is an application-define management platform that allows enterprise IT organizations to:

CloudCenter is an application-centric management platform that allows enterprise IT organizations to:

**Model** - Quickly and easily build a cloud-agnostic application profile that defines the deployment and management requirements of an entire application stack - including software-defined or cloud-based infrastructure.

**Deploy** - One-click deploy the application profile (both infrastructure and application) with related application components, tapping vCenter and NSX controlled infrastructure.

**Manage** - Apply a wide range of application lifecycle actions or set policies for horizontal scaling, cross-environment bursting or HA/DR, or to stop deployment.

CloudCenter administration and governance spans applications, datacenter and clouds, and multiple groups and users. Admins can centrally manage cloud accounts, control costs with financial plans, and report on usage. They can also manage tenants and users as well as tag-based governance, and role-based access control.

With CliQr, Enterprise IT can migrate and manage applications starting with a single application on a single cloud, or many applications on multiple clouds. Or, can automate DevOps and continuous delivery, utilize dynamic capacity augmentation, or use it as an IT as a Service platform.

### Why CloudCenter?

**Fast time to value** - Deploy your 1st application stack in minutes or days not months. Does not require a lengthy professional services engagement.

**Integration and Extensibility** - Mature REST API for both user and admin functions simplifies integration with your existing environment. Utilize existing front end like ServiceNow, or integrate with Jenkins for instant developer environments.

**Enterprise-class Platform** - Single built-for-purpose platform is not a suite of products. No UI hopping. No painful installation and support.

**Financial Controls and Visibility** - Multi-tenant support, cost control plans and bundles, with both aggregated and drill down cost and usage reporting.

**Applications Supported** - Works with many types including batch, N-tier, cluster such as Hadoop, as well as technologies such as Ruby on Rails, Java, Thick-Client, .NET, and more.



## Unique Application-Centric Automation

The power of CloudCenter comes from its unique application-defined technology that abstracts the application from the cloud infrastructure using a unique combination of innovative and patented technologies. One profile can be deployed to any environment without lock-in, and without environment specific scripting. One platform provides common management fabric that delivers powerful governance with visibility and control across all environments.

CloudCenter Works with many application types including batch, N-tier, cluster (such as Hadoop), as well as the most common technologies such as Ruby on Rails, Java, Thick-Client, .NET, and many more.

### Six ways to extend vCenter with CloudCenter:

**1 - Virtual Machine on demand** - easy integration with service catalog like ServiceNow, custom IT front end, or use CliQr's out-of-box enterprise marketplace. Users get self-service on demand without needing vCenter access. IT delivers speed and flexibility, but also controls who, what and where workloads are deployed.

**2 - Any application stack on demand** - one click deploy fully configured infrastructure and application stack - including database, middleware, application and web servers, load balancers, and more. Easily model application profiles with more than 40+ popular application services that can be easily customized. Or easily map to existing OS images and services.

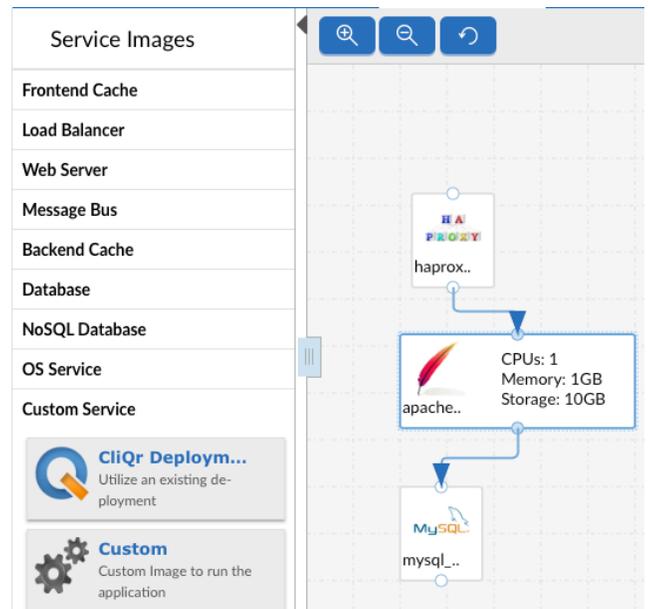
**3 - Application stack to any cloud** - a single application profile can be deployed to vCenter, vCloud Air and vCloud Director environments, as well as 10 other public clouds such as AWS, Microsoft Azure Google Compute. Each application profile can be deployed to any environment. There is no cloud specific scripting. No developing orchestration workflow.

**4 - Application stack with NSX** - deploy application stack with pre-set firewall rules to an NSX managed environment, and get additional network level security with improved machine level and network level efficiency.

**5 - DevOps bridge to vCenter** - deploy a cross-environment DevOps workflow with development and test workloads deployed to cloud (AWS, OpenStack) and then promoted to staging and production in your datacenter. One deployment and management solution is used for all SDLC phases and across various datacenter and cloud environments, minimizing time wasted troubleshooting environments.

**6 - Datacenter migration and optimization** - simplify the complexity of managing and mapping images across multiple vCenter deployments, across multiple vLANs and to support operations at scale. Each application profile includes a logical image that can pull from repositories local to various vCenter instance to avoid duplicating creation and maintenance of higher level objects.

CloudCenter can be delivered as either a Software-as-a-Service (SaaS) solution or a traditional on-premise packaged application. Deployment does not require a lengthy professional services engagement. Many customers achieve successful proof of concept or deploy their 1st application in just days, not weeks or months.



### CliQr Technologies

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