

ComCloud:vDC - Virtual Data Center

Reacting quickly to market demands is crucial for today's successful business operations.

Due to this fact operators and their users need highly scalable IT solutions that do not jeopardize system stability and are not detrimental to its overall financial efficiency. Leasing IT infrastructures that are hosted in public data centers is most financially efficient form of using IT and communications technologies today, both for operators and their end users.

Virtualization of IT systems is the answer!



ComCloud:vDC and its advantages

ComCloud:vDC is a virtual data center lease service by which service providers offer their users virtual data centers with one or more virtual servers. The transport component is included in the service.

By optimizing resources and expenses ComCloud:vDC provides the best price/performance ratio. It represents the foundation of solutions that are able to answer the challenges the market puts before service providers!

ComCloud:vDC is a set of self-service portals, middleware for automation and orchestration of the provisioning process and integration interfaces deployed in accordance with ComCloud architecture. ComCloud:vDC enables provisioning of Cloud services independent of infrastructure components in any physical data center. There is also an option to lease the entire solution as a turn-key system (reseller model).

ComCloud:vDC is based on multi-platform design and ComCloud architecture. By separating management interface from the core architecture, and by using a unique set of integration interfaces, we provide the best functionality with minimal expenses and ensure easy integration with other ComCloud services.



Operators can offer this service to all business users that:

- own a HW solution that is soon to be deprecated due to new ICT investments
- do business at several physical locations
- need a test environment
- need a secure and flexible infrastructure platform
- want to optimize their business
- want to reduce expenses related to maintenance of their server infrastructure
- want to avoid capital investments

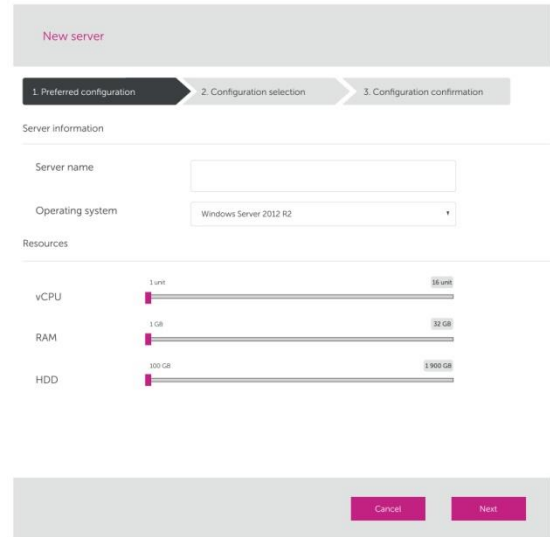
What are the advantages of using ComCloud:vDC?

- Full control over virtual data center via the portal.
- Service can be used from any location.
- Increasing and decreasing available resources as needed (scalability).
- Faster and more efficient management of resources and upgrades according to actual needs and demands.
- Adjustment of expenses according to actual needs and demands.
- Service is billed only for active periods (from server activation to server deactivation).
- Using IT infrastructures without the need for capital investments.

Key features

Management portals

ComCloud:vDC management portals are a set of responsive web pages used by both service providers and users in order to manage their infrastructure in the Cloud. The user portal provides all necessary functionalities for making purchases of virtual data centers according to actual needs, creating virtual servers and allocating new resources when and if needed. The user portal also provides facilities for resources deallocation, as well as starting, shutting down, restarting and hibernating virtual servers set up within the virtual data center.



Reporting

The vDC service has an integrated reporting module which provides detailed insight into operating parameters and conditions of each virtual server and each virtual data center provided. The reports provide information on changes within the data center, server load, available resources etc. This eliminates all guessing and prevents unforeseen situations for operators, but also for users who can fully focus on their core business.

Backup/Restore

ComCloud:vDC typically includes a backup option which runs automatically every 24 hours at a virtual server level (creating the full server image). Service providers can decide whether they want to provide this functionality as an option or not. If they do, they will be able to deliver the full content of the specified virtual server to their end users upon their request.

Additional services and functionalities

ComCloud:vDC enables integration, sales and activation of services via portals and provides additional vDC functionalities such as firewall, antivirus protection, network bandwidth management or network traffic balancing.





Additional information on ComCloud:STaaS application and services is available at www.comcloud.com.
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