

## Comparison Between Cloud Based and Virtual Server

S.No.	Cloud Based	Virtual Server
1	<p><b>Definition:</b> Cloud Computing is a type of computing or practice of using a network of shared remote servers and computing resources hosted on the Internet. These resources are used instead of the hard drives of local servers or personal computers to store, manage, and process data. The cloud is just a metaphor for the Internet and Cloud computing is a great way of offloading your desktop applications to the Internet.</p>	<p><b>Definition:</b> On the Internet, a virtual server is a server (computer and various server programs) at someone else's location that is shared by multiple Web site owners so that each owner can use and administer it as though they had complete control of the server.</p>
2	<p><b>No Hard Drive:</b> For some users the lack of a hard drive is an advantage, as they can reduce costs. For those who use programs that need an attached hard drive, however, this may be unpleasant.</p>	<p><b>Hard Drive Present:</b> Dedicated hard drive is present which helps to manage data easier.</p>
3	<p><b>Security &amp; Privacy:</b> Any discussion involving data must address security and privacy, especially when it comes to managing sensitive data. By leveraging a remote cloud based infrastructure, a company basically outsources everything it has. So security and privacy wise cloud based system is least secure</p>	<p><b>Security &amp; Privacy:</b> with direct control over the server, only your server team will have access to your sensitive data making the system more secure</p>
4	<p><b>Vulnerability to Attack:</b> In cloud computing, every component is potentially accessible from the Internet. Of course, nothing connected to the Internet is perfectly secure and even the best teams suffer severe attacks and security breaches. But since cloud computing is built as a public service and it's easy to run before you learn to walk.</p>	<p><b>Vulnerability to Attack:</b> In comparison to cloud based system, security in the virtual server system is much more secure. Backup of the data is taken on a regular basis to counter any threats related to data corruption</p>
5	<p><b>Data Ownership:</b> As one of the biggest issues that trouble cloud computing,</p>	<p><b>Data Ownership:</b> Data ownership is solely with client as client can keep the</p>

	<p>data ownership can be a major obstacle, especially if you have a lot of data to deal with. As of yet there is no straight forward answer to a basic question such as ‘who owns the data maintained by a cloud storage service, the uploader or the storage provider?’. As a result, cloud providers create their own terms and conditions, which at times may seem arbitrary.</p>	<p>application on its server at the data center located at the client premises.</p>
6	<p><b>Cost:</b> When done on a small scale cloud computing can be expensive to set up.</p>	<p><b>Cost:</b> Price is variable as per the use of the server i.e. low for small scale businesses and high for big business houses.</p>
7	<p><b>Limited Control and dependency:</b> Implicit dependency, also known as “vendor lock-in” is another of the disadvantages of cloud computing. To varying degrees (depending on the particular service) cloud users have limited control over the function and execution of their hosting infrastructure.</p>	<p><b>Unlimited Control and dependency:</b> With direct access to virtual server your team does not need to depend on any third party for data migration etc.</p>

