

1 ATTACHMENT 1 SELECTION OF VPS PROVIDERS

1.1 SELECTION OF VPS FOR TESTNET

A VPS is a "Piece" of a server, for us to use and will be used for Testnet purposes, as it is much quicker and also more economical to spin up a node and get an understanding of how the providers billing, infrastructure and customer service works.

Many VPS providers offer similar plans, with SSD Storage, X amount of RAM, Y Number of Cores, and Z Bandwidth. However, others offer things like "Cloud RAM" which is RAM borrowed from other machines etc. Our primary focus has been on VPS offerings that provide guaranteed resources.

1.2 VPS PROVIDERS REVIEWED:

1.2.1 DE LIMITER

Since 2009, Delimiter has been providing dedicated servers from its wholly owned datacentres. In 2012, Delimiter began the deployment of its Cloud Compute and Cloud Storage (ObjSpace) products delivering native AWS and S3 compatibility for tools like Scalr, Docker Machine and Terraform. Since then Delimiter's product portfolio has expanded to also include StorageVPS, DedicatedCore VPS, Docker Hosting and WordPress. Their capability is assessed below but in summary they have been discounted because they are using 8 year old CPUs which do not meet the Factom specification of less than 3yrs old.

1.2.2 1 AND 1

1 and 1 employs more than 7,000 people globally. It was founded by Ralph Dommermuth in 1988 in Montabaur, Germany, where its headquarters is still located. It currently offers a wide range of Web hosting products, including email solutions and high-end servers in 10 different countries including Germany, Spain, UK and the United States. With the acquisition of Fasthosts Internet Ltd. in May 2006, 1 and 1 and Fasthosts became the top hosting provider within the UK. Its products are available in Germany, Austria, UK, Spain, France, Poland, United States, Canada, Italy and Mexico.

1.2.3 VPS.NET

This organisation was launched in 2009 as part of the UK2Group, a subsidy of The Hut Group, VPS.NET is a leading cloud services provider, currently offers cloud hosting to over 10,000 clients in more than 180 different countries. 26 different data centers to host their websites and services.

1.2.4 OVH

OVH have 27 datacentres across the globe, two of which are among the largest in the world. They opened their first datacentre in Paris in 2003. They now deploy a global datacentre network, fully managed by themselves.

1.2.5 LINODE

Linode is a leading cloud hosting provider founded in 2003. Today the company boasts more than 400,000 customers worldwide with nine data centers total – four in the US, two in Europe and three in Asia. Linode is probably the biggest competitor to Digital Ocean.

1.2.6 DIGITAL OCEAN

Digital Ocean have 12 Datacenters, operate in 195 countries and have deployed 78 million virtual servers, designated droplets. They offer really fast deployment time, with preconfigured droplet up and ready to go in 55 seconds

1.2.7 HOSTWINDS

Hostwinds' main servers are all located in Dallas, Texas. Hostwinds are customer focused. They were founded in 2010 and aim to change the face of the hosting industry with new standards. Consequently they have a support team which is prompt to get things done when it really matters and are usually helpful in responding to questions. They provide good uptime and unlimited bandwidth albeit at a cost.

1.3 VPS PROVIDER COMPARISON:

The quantitative comparison of these providers via structured assessment is shown below, the greater the score the better, please note that De Limiter did not score because of the age of the CPU's used in their servers:

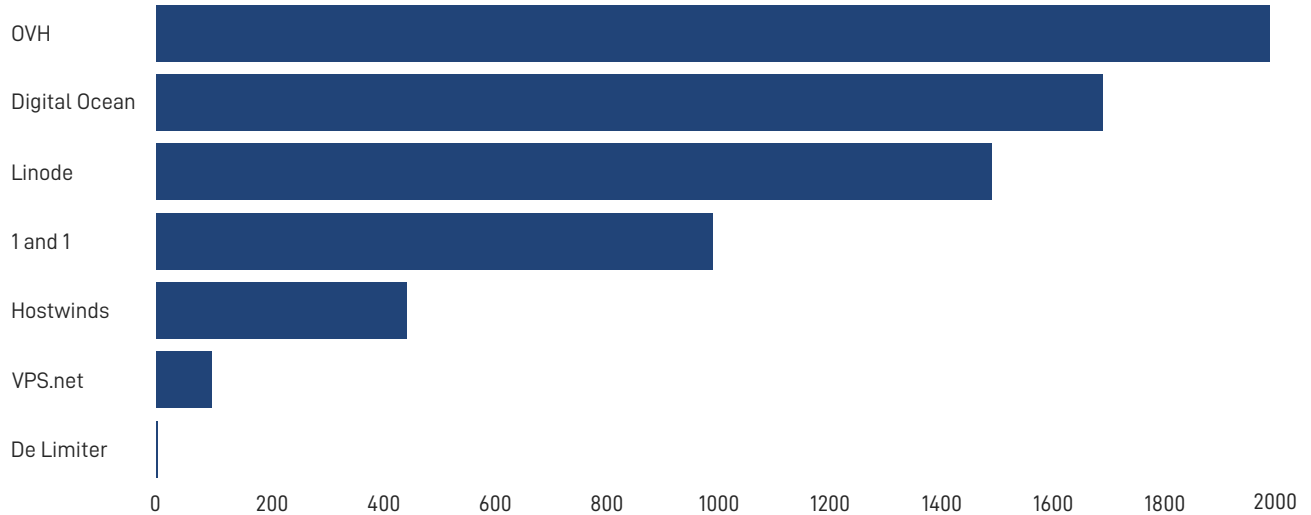


FIGURE 1: VPS ASSESSMENT

We have consequently set up and operated servers with OVH, Digital Ocean and 1 and 1. The purpose being to validate our initial findings and explore the providers capabilities, albeit with virtual private servers.