

## Service Description

**Tet Cloud** is a public virtualization platform that provides a possibility to create your own virtual data centre - vDC. By controlling virtual compute resources (processor - vCPU, random-access memory - RAM, disk space), network components, software, security and backup policies, it is possible to create your own fully functional vDC, which can be used as a main site, backup site or for creation of hybrid solutions by combining it with other platforms. The resource management is carried out in the self-service portal [my.tetcloud.com](http://my.tetcloud.com).

The platform has options for Internet connectivity with or without DDoS protection, several virtual router configurations of varying capacities and additional IP addresses.

For ease of use, virtual server templates with different operating systems are available. A certain set of compute resources (vCPU, RAM, disk space) corresponds to each template, which can be changed during server deployment or afterwards.

Configuration and resource management can be carried out not only via the self-service portal, but also via API - this provides a possibility to automate processes and integrate with resource management platforms.

Instructions for service setup and daily maintenance can be found at [help.tetcloud.com](http://help.tetcloud.com).

There are two possible billing systems - "Pay as You Go" where the customer is charged for resources consumed "on the go" or "Preconfigured" where the customer is charged for a pre-defined set of resources.

**vDC Pay As You Go** is an elastic configuration of virtual data centre without any limitation of the amount of virtual resources. By choosing this service, you get the possibility to create unlimited number of virtual servers according to your needs and pay only for resources consumed.

**vDC Preconfigured** - if this model is chosen, a virtual data centre is offered with a certain (fixed) total amount of the resources. The number and size of the virtual servers is not limited, but they should not exceed the total amount of the resources provided within the vDC. The payment for a certain period and amount of the resources provided is fixed, and it can be changed by a corresponding application only. This model is most often used in projects with a fixed budget or by companies that allocate certain funds for certain tasks.

### Additional features

- Option for higher frequency CPUs (High Performance) for more CPU-intensive tasks
- Data storage system:
  - 7.2k SATA HDD 250 IOPS,
  - 10k SAS HDD 500 IOPS,
  - SAS SSD 6000 IOPS,
  - NVMe SSD without IOPS limits
- Protection of Internet uplink against DDoS attacks (for Internet connectivity of 100 Mbps and above)
- Possibility to upload own ISO images and deploy non-standard VMs<sup>1</sup>
- Integrated system of backup and recovery of virtual resources based on Veeam<sup>2</sup>

### The cost of the service includes

- Firewall
- Port Forwarding
- Load Balancer
- vLAN (Virtual Local Area Networks)
- SSL VPN, Site-to-Site VPN (Virtual Private Networks)
- One active snapshot of a virtual server
- Templates of different OS<sup>3</sup> with the latest updates from the vendor
- No limitations on the amount of data transfer (download/upload)
- Possibility to connect and manage the platform resources via REST API
- Qualified technical support service in Russian, English and Latvian

### Benefits

- Easy to use
- Short deployment and preparation time of virtual resources
- Elastic provision of resources
- The payment is charged only for the amount of the resources consumed
- High availability of the service - 99.982% per year
- Hosting of IT infrastructure in a TIER III, PCI-DSS and ISO 29001 certified data centre, located in the EU
- Availability of telecommunication infrastructure with a wide range of services and data transmission capabilities of n x 10Gbit both in Latvia and abroad
- Elimination of the risk of downtime caused by hardware outage
- Secure remote access to virtual servers
- No long-term contractual obligations
- No need for installation and maintenance of hardware and virtualization layers of your infrastructure
- Compute resources for virtual machines in powered off state are not charged (vCPU, vRAM, Windows Server OS license)
- License rental option or re-use of existing licenses by transferring existing licenses to virtual resources<sup>4</sup>

✉ [dc@tet.lv](mailto:dc@tet.lv)

☎ +371 67 051 123

🌐 [tetcloud.com](http://tetcloud.com)



<sup>1</sup> non-standard VM images shall be in the list of OS supported and compatible with VMware ESXi v6.7 (see the official Compatibility list);

<sup>2</sup> provided for an additional cost;

<sup>3</sup> monthly payment is applied when using a Windows Server OS license;

<sup>4</sup> to transfer any Microsoft licenses to TetCloud infrastructure (third-party hosted shared environment), it is necessary to have an active Software Assurance and it is necessary to undergo the License Mobility procedure.

