Compute Cloud

The LRZ Cloud portal is a service offering from LRZ for its customers. The idea is to provide a responsive service that allows customers to upload and use their own virtual machine images. The LRZ Compute Cloud system can be accessed via the login page

https://cc.lrz.de

Getting access

To access our cloud environment, you need a LRZ project that is enabled for the LRZ Compute Cloud service. More information on this subject can be found here.

Frequently Asked Questions (FAQ)

The FAQ section covers questions that will come up regularly. You should consult this page before contacting the cloud support team.

When you contact us please always provide the following information, this will help us a lot to speed up the process:

- your User Name (LRZ Kennung) you use to login to the cloud
- the Name and/or ID of the cloud components, i.e. instance, volume, network etc. which causes the problems.

Tutorials

- Create a VM
- Create a personal network
- Command Line Tools: installation and usage
- Upload an ISO and install custom operating system

Hardware Overview

<table>
<thead>
<tr>
<th>Node Type</th>
<th>Number of Nodes</th>
<th>CPU &amp; GPU Cores / per Node</th>
<th>RAM (GB) / per node</th>
<th>Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compute Node</td>
<td>82</td>
<td>40x Intel(R) Xeon(R) Gold 6148 CPU @ 2.40GHz</td>
<td>192 GB</td>
<td>Up to 10 CPUs: all cloud users.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>More than 10 CPUs: restricted, contact us:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>cloud support team</td>
</tr>
<tr>
<td>GPU Node</td>
<td>32</td>
<td>40x Intel(R) Xeon(R) Gold 6148 CPU @ 2.40GHz</td>
<td>768 GB</td>
<td>restricted, contact us: cloud support team</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2x Nvidia Tesla V100 16 GB RAM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Huge Node</td>
<td>1</td>
<td>192x Intel(R) Xeon(R) Platinum 8160 CPU @ 2.10GHz</td>
<td>6.000 GB</td>
<td>restricted, contact us: cloud support team</td>
</tr>
</tbody>
</table>

Details about the available Flavors can be found here: Flavors

Policies

- Acceptable Use Policy
- Datenschutzerklärung für LRZ Compute Cloud
- Lizenzpflichtige Software