LRZ 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](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. More than 10 CPUs → restricted, contact us: <a href="#">cloud support team</a></td>
</tr>
<tr>
<td>GPU Node</td>
<td>32</td>
<td>40x Intel(R) Xeon(R) Gold 6148 CPU @ 2.40GHz, 2x Nvidia Tesla V100 16 GB RAM</td>
<td>768 GB</td>
<td>restricted, contact us: <a href="#">cloud support team</a></td>
</tr>
<tr>
<td>Huge Node</td>
<td>1</td>
<td>192x Intel(R) Xeon(R) Platinum 8160 CPU @ 2.10 GHz</td>
<td>6.000 GB</td>
<td>restricted, contact us: <a href="#">cloud support team</a></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