# Access and Overview of HPC Systems

## Status

### SuperMUC and SuperMUC-NG

- **SuperMUC Phase 1**
  - **END OF LIFE**
- **Phase 2**
  - **login:** hw.supermuc.lrz.de
  - **queue:** micro, general, test, big
- **File System**
  - **$HOME**
  - **$WORK**
  - **$SCRATCH**
- **detailed node status:** Phase2
- **SuperMUC-NG:**
  - **IN ACCEPTANCE**

### Linux Cluster

- **CoolMUC-2**
  - **login:** lxlogin5-7.lrz.de
  - **partitions:** mpp2_batch, mpp2_inter
  - **queue:** serial
  - **queue:** teramem_inter
- **CoolMUC-3**
  - **login:** lxlogin8.lrz.de
  - **partitions:** mpp3_batch, mpp3_inter
- **IvyMUC**
  - **login:** lxlogin10.lrz.de
  - **partitions:** ivymuc
- **SLURM waiting times and detailed node status**

## Cloud and other systems

- **Open Nebula**
  - **UP**
- **GPU Cloud**
  - **UP**
- **DGX-1**
  - **UP**
- **DGX-1v**
  - **UP**
- **RStudio Server**
  - **UP**

## Message of the Day

- **Details:**
  - Linux Cluster
  - Software for HPC
SuperMUC and SuperMUC-NG

Feb 6, 2019

SuperMUC Phase2 frequency capping removed

See https://www.lrz.de/aktuell/ali00735.html for details.

Linux Cluster

Feb 6, 2019

CoolMUC-3 scheduled interruption: Feb 12-14

See https://www.lrz.de/aktuell/ali00734.html for details

Feb 8, 2019

Disturbances of SLURM batch scheduler

See https://www.lrz.de/aktuell/ali00737.html for details

Other HPC systems

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none

Click here to submit an Incident Ticket for SuperMUC
Click here to submit an Incident Ticket for the Linux Cluster
Click here to submit an Incident Ticket for the Compute Cloud

More Links

- Access and Overview of HPC Systems
- Cluster Node Housing
- Courses, Training and Events for HPC
- Grid Computing
- HPC Application Labs
- HPC Cloud
- Linux Cluster
- Public Relations for HPC
- SLURM Workload Manager
- Software for HPC
- SuperMUC-NG
- Support for HPC and Big Data
- User Guides for HPC
- Consulting for HPC and BigData Services at LRZ
- Tuning and Optimization for HPC

Services

- SuperMUC-NG
- Linux Cluster
- Software for HPC
- RStudio Server (LRZ Service)
- Cluster Node Housing
- Grid Computing
- Remote Visualisation