Overview

LRZ Data Science Storage (DSS) and DSSWeb Self Service Portal Version 1.3 brings a lot of small improvements to already existing functions. In addition to that, big efforts have been put in behind the scenes to migrate all DSS Systems and main consumers to the new 100GE Leaf-Spine Datacenter Network.

New Features

DSS System Layer

- Network connection and routing of DSS and all attached compute systems migrated to the new 100GE Leaf-Spine network

DSSWeb Self Service Portal

- Access Management
  - Default quotas can now be assigned to auto group links
  - Quotas of users, invited via auto group links can be changed manually
- GUI Online Help
  - GUI elements now contain a "help link" to the respective online documentation
- User provisioning for cloud machines
  - Entries for `/etc/passwd` and `/etc/group` of invited users of a container can be retrieved via the CLI for automatic or semi-automatic provisioning of cloud machines, accessing the container
- Container ID Streamlining Modes
  - New ID streamlining mode `WORK` that creates for each invited user a dedicated directory in the container that is only accessible by the user
- Quota Usage
  - Reporting of used space and used files for each user, invited to a container
- Container Space Alerts
  - If used space or files in a container crosses 80, 90 and 99 percent, an alert mail is sent to the data curators of the container

Resolved Issues

- DSSWeb accepts invitations for deleted users, causing invitation acceptance to crash.
- Deleting an accepted invitation of a user with quotas does not unset the user quota on the ISS fileset.
- Raising the Inode limit of a container does only increase the ISS fileset quota but not the max Inode limit of the ISS fileset itself.
- Invitation mails use german salutation even though rest of mail is English

Known Issues and Limitations

- Create/Update/Delete of container NFS Exports is currently only possible via a service request on the LRZ Servicedesk.
- Restore of backed-up/archived data is currently only possible via a service request on the LRZ Servicedesk.
- DSSWeb can only be accessed from within the Munich Scientific Network (MWN).
- DSSWeb Webinterface may not work correctly when opened in multiple browser tabs.
- After accepting an invitation or doing the first time Globus registration, it can take up to two hours until the user is enabled for the Globus platform.