Overview
The work for the LRZ Data Science Storage (DSS) and DSSWeb Self Service Portal version 1.6 was mainly dedicated to enable more flexible management of data curator rights and to enable the deletion of DSS containers. Additionally we introduced some updates in the system infrastructure and improved better possibilities to communicate with our customers.

New Features

DSS Statuspage
- On https://doku.lrz.de/display/PUBLIC/Data+Science+Storage+Statuspage we provide information to current status of the DSS Infrastructure, planned maintenances, outages and so on.

DSS System Layer
- Deployed two new Globus Online Gateways which now provide 200Gbit/s bandwidth for external access of DSS
- Tuned Globus Online Gateway for highest possible performance over WAN links
- Updated system software and firmware to current levels
- Official General Availability of GCS funded DSS file systems

DSSWeb Self Service Portal
- Project Management
  - Data Curators can now list all data curators of the project using the API, CLI and GUI
  - Data Curators can now add additional data curators to their project using the API and CLI
  - Data Curators can now delete data curators from their project using the API and CLI
- Container Access Management
  - Data Curators can now designate individual container invitees as Container Manager, which gives them the ability to manage container invitations and auto group links for this particular container.
- Container Management
  - Data Curators can now delete containers using the API and CLI
- Customer Communication
  - Important Notices to Updates, Planned Maintenances, Outages and so on will be sent out to all Data Curators and Container Managers as well as invited users that consented in getting information from DSSWeb in the future
- Globus
  - Simplified access via Globus: For LRZ managed accounts, first time registration/binding of the CILogon X.509 DN to the user is not necessary anymore

Resolved Issues
- Setting auto group links via GUI fails

Known Issues and Limitations
- 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.
- After accepting an invitation, it can take up to an hour until the systems will reflect this change, when the container group is in name server cache.
- "Edit Container" Button is enabled for Container Managers but it shouldn't. Clicking on the button results in 404 Page Not Found error.