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Guide to retrieve sequencing data from the SDS@HD Data Storage through ftp client

<https://www.urz.uni-heidelberg.de/en/service-catalogue/storage/sdshd-scientific-data-storage>



SERVICE

SDS@HD – SCIENTIFIC DATA STORAGE

State service for storing scientific data

SDS @ hd is a central service for securely storing scientific data (Scientific Data Storage). The service is provided as a state service to researchers of higher education institutions of Baden-Württemberg. It is intended to be used for data that is frequently accessed ('hot data').



SDS@hd
Scientific Data Storage



Web tool SDS@hd-Management



SDS@hd-Management

SV registration

SV collaboration

My SVs

Costs

References

SDS@hd-Team

SDS@hd-Support



SDS@hd-Management

With the "SDS@hd-Management" web tool provide the users of the [SDS@hd storage service](#) a lot of administrative tasks, such as controlling access permissions and quotas.

Speichervorhaben as administrative units

So-called "Speichervorhaben", or "SV" for short, are used as organizational administrative units for the SDS@hd storage service. The following components belong to an SV:

- a responsible person (= Antragsteller bzw. Antragstellerin)
- an acronym (= unique identifier)
- a usergroup on the storage system
- a dedicated share with defined quota
- a deprovisioning (restriction of access, up to and including deletion) of the SV is possible, if it is no longer required or terms of use are no longer met

Reporting

The use of the SDS@hd service is accompanied by the obligation to document the use of the service. The following section must be inserted in all publications for which the SDS@hd storage service was involved:

The authors gratefully acknowledge the data storage service SDS@hd supported by the Ministry of Science, Research and the Arts Baden-Württemberg (MWK) and the German Research Foundation (DFG) through grant INST 35/1314-1 FUGG and INST 35/1503-1 FUGG.

Additionally, please send any references to publications, scientific posters and information on Third-party funded projects, which uses the SDS@hd service to the address sds-hd-support@urz.uni-heidelberg.de.

This information is required for the assessment of the storage service by the DFG and proves the scientific value of the service. Exemplary reporting measures can support future applications that will enable the storage service to continue.

Quicklinks

- On "SDS@hd-Managementtool" you can ...
- with [SV registration](#) apply for a new SV
 - with [SV collaboration](#) join an existing SV
 - with [My SV](#) invite coworker to your SV



Föderierte Landesdienste

Welcome

You have been forwarded here by a service to authenticate yourself:

<https://sds-hd.urz.uni-heidelberg.de/shibboleth>

Search filter

Universität Heidelberg

☒ Remember Home organisation

PROCEED



Login with other identity providers:





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Anmelden bei:

bwServices Registration Server
of Heidelberg University

› Passwort vergessen?

› Hilfe benötigt?

Bitte beachten Sie: Eine Anmeldung ist
je nach Dienst nur mit **Uni-ID** oder
HEIDI-Kennung möglich.

Bitte geben Sie Ihre *fünf-stellige* Uni-
ID ausschließlich in Kleinbuchstaben
ein, Ihre **HEIDI-Kennung immer 8-
stellig** (mit führenden Nullen) ein!

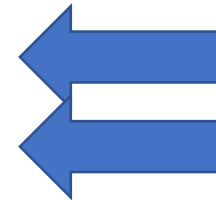
Benutzername

Passwort

☐ Anmeldung nicht speichern

☐ Die zu übermittelnden
Informationen anzeigen, damit ich die
Weitergabe gegebenenfalls ablehnen
kann.

Anmelden



Uni-ID

Uni-ID password



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bwServices Registration Server of
Heidelberg University (Shibboleth Service)



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SDS@hd
Scientific Data Storage

SDS@hd-Management

[SV registration](#)

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[My SVs](#)

[Costs](#)

[References](#)

[SDS@hd-Team](#)

[SDS@hd-Support](#)

Collaboration on a Speichervorhaben (SV)

Access to a Speichervorhaben

In order to gain access to a Speichervorhaben (SV) of a third party, it is necessary that the responsible person provides you with the appropriate acronym and password.

If you want to join an existing SV, you need the acronym of the SV and a password, which the SV manager must give you.

Please enter your acronym and password in the following fields

Attention! This form is currently only supported by Mozilla Firefox, Google Chrome, Chromium and Microsoft Edge.

Speichervorhaben

* SV Acronym

* SV Password

Be aware of case-sensitivity: lowercase and uppercase version of a letter is not the same!



sd16L003

Password provided by the Core Facility

Own Personal Data

* Name

* Firstname

* Organization

* Institute

* Mail

* EduPersonPrincipalName (EPPN )

* Street

* Postal code

* City

Terms of Use

* Content

☐ I agree that this form's content is recorded and used for statistical purposes.

* Reporting

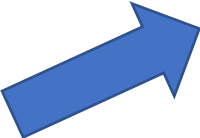
☐ I agree to report all my released publications to which the usage of SDS@hd contributed substantially, and to refer to SDS@hd in the acknowledgment section.

* Dataprotection

☐ I consent to the processing of my personal data listed in the [Privacy Notice](#) for the purpose of providing the service.

Send

Normally, this connection only needs to be set up once!



Host: lsdf02-sshfs.urz.uni-heidelberg.de
User: hd_UNI ID (the **hd_** is important!!)
Password: Uni Service ID (often your Uni ID Password)
port: 22

Here, we use FileZilla ftp Client, other ftp Clients, such as Cyberduck, can be used

FileZilla

File Edit View Transfer Server Bookmarks Help

Host: Username: Password: Port: Quickconnect

Local site: C:\

This PC
D:
H:

Filename	Filesize	Filetype	Last modified
..			
pagefile.sys	1,342,177,2...	System file	27/03/2025 09:12:29
swapfile.sys	16,777,216	System file	27/03/2025 09:12:29
Windows		File folder	12/03/2025 17:30:41
Users		File folder	05/09/2022 09:17:43
temp		File folder	22/08/2022 09:45:47
System Volume Information		File folder	17/04/2020 09:08:19
Recovery		File folder	18/12/2018 14:29:33
Programme		File folder	13/01/2025 12:48:51
ProgramData		File folder	12/12/2024 09:23:13
Program Files (x86)		File folder	11/12/2024 16:15:37
Program Files		File folder	13/01/2025 12:48:51
PerfLogs		File folder	30/04/2020 16:04:02
MSOCache		File folder	21/12/2018 08:17:23
Intel		File folder	27/03/2025 09:12:30
Illumina		File folder	13/10/2022 09:49:57
Fujitsu		File folder	20/11/2019 15:48:27
Dokumente und Einstellungen		File folder	05/09/2022 09:17:43
Documents and Settings		File folder	05/09/2022 09:17:43
Config.Msi		File folder	06/07/2020 13:55:11
Archive		File folder	22/08/2022 11:39:36
\$Recycle.Bin		File folder	05/09/2022 09:18:11

2 files and 19 directories. Total size: 1,358,954,496 bytes

Server/Local file

Direction

Remote file

Size

Priority

Status

Queued files

Failed transfers

Successful transfers

If you see the root folder, click on sd16l003

Local site: C:\

This PC

C:

D:

H:

Filename	Filesize	Filetype	Last modified
..			
pagefile.sys	1,342,177,2...	System file	27/03/2025 09:12:29
swapfile.sys	16,777,216	System file	27/03/2025 09:12:29
Windows		File folder	12/03/2025 17:30:41
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2 files and 19 directories. Total size: 1,358,954,496 bytes

Server/Local file	Direction	Remote file	Size	Priority	Status
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Queued files

Failed transfers

Successful transfers

Remote site: /

?

sd16l003

?

.afm

Filename	Filesize	Filetype	Last modified	Permissions	Owner/Group
..					
.ssh		File folder	26/02/2025 14:...	drwx--S---	hd_hl295 root
sd16l003		File folder	27/03/2025 09:...	drwxrws---	900191 5000...

Selected 1 directory.

Queue: empty

In the „guest“ folder, you can find your data folder (name communicated by the facility) and transfer to the desired local folder

Local site: C:\

This PC

C:

D:

H:

Filename	Filesize	Filetype	Last modified
..			
pagefile.sys	1,342,177,2...	System file	27/03/2025 09:12:29
swapfile.sys	16,777,216	System file	27/03/2025 09:12:29
Windows		File folder	12/03/2025 17:30:41
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2 files and 19 directories. Total size: 1,358,954,496 bytes

Server/Local file	Direction	Remote file	Size	Priority	Status
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Remote site: /sd161003

/

.ssh

sd161003

.afm

Filename	Filesize	Filetype	Last modified	Permissions	Owner/Group
..					
.afm		File folder	22/10/2020 09:...	drwx-----	root root
.ptrash		File folder	25/09/2020 20:...	drwx-----	root root
.snapshots		File folder	20/01/2024 08:...	dr-xr-xr-x	root root
22.11.19_Daniel		File folder	08/07/2021 10:...	drwxrws---	900191 5000...
Barcodes		File folder	09/08/2023 15:...	drwxrws---	900191 5000...
ExploreTech_first_sequencing		File folder	10/07/2024 13:...	drwxrws---	hd_hi295 50...
guest		File folder	27/03/2025 09:...	drwxrws---	900191 5000...
heirarchive		File folder	22/12/2022 12:...	drwxr-s---	10005 500098
MiniSeq		File folder	19/07/2023 13:...	drwxrws---	hd_hi295 50...
Output		File folder	27/03/2025 14:...	drwxrws---	900191 5000...
SampleSheet_NextSeq2000		File folder	27/03/2025 09:...	drwxrws---	900191 5000...
SampleSheets		File folder	10/10/2024 16:...	drwxrws---	900191 5000...
test		File folder	08/07/2024 14:...	drwxrws---	900191 5000...

Selected 1 directory.

Queued files

Failed transfers

Successful transfers

Queue: empty



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If you are still having issues accessing our guest folder it may be due to a block on your account, so called „lost access“ often occurring when contracts expire and renewed, please try this link to re-activate your Uni ID account:

<https://bwservices.uni-heidelberg.de/>

Alternatively,
provide us with your SDS Partition details or a FTP
site and we can transfer speedily your data there!