




# site report survey summary

**ETH** zürich



# Request December 2017



The screenshot shows an Outlook email window titled "Site report survey summary" PLEASE CONTRIBUTE - Gesendete Elemente. The interface includes a ribbon with various actions like Löschen, Antworten, Weiterleiten, etc. The email content shows a sender profile for Steiger Tilo Uwe (ID SD) dated Friday, December 29, 2017, at 15:19. The recipient is cs3-2018-announce@cern.ch. There is one attachment named "survey-example.pdf" (147.9 KB).

← Sie haben auf diese Nachricht am "11.01.18, 18:20" geantwortet.

Dear Colleagues

As already announced on the 3<sup>rd</sup> CS3 Workshop at SURFSARA in Amsterdam our contribution to the upcoming 4<sup>th</sup> workshop in Krakow will be a "site report survey summary". Therefore, we provide a web form where you can put in your information until January 22<sup>nd</sup>.

Please help with your information to get a broadly-based overview and please use the following link to the web form:  
<https://indico.cern.ch/event/663264/surveys/660>

Attached please find an example of filled in information as a help.

I wish you all the best and a happy new year

Tilo

# Example of a filled out form

## Overview

University/Company	ETH Zuerich
Active since (year)	2013
Sync&share software and release	ownCloud 9.0.8
Additional comments	We will upgrade to ownCloud 10.0.4 in January 2018.

## Users and Groups

Number of user accounts	25511
Groups (project space areas)	0
Number of *active* user accounts	11383
Used storage (TB)	93
Yearly increase of the used storage (%)	50
Typical user quota (GB)	50
Number of stored objects	85699832
Number of shares	94804
Number of *public* shares (anonymous	1116

## 17 answers received from:

Ludwig Maximilians Universität  
Johannes Gutenberg-Universität  
Mainz  
CESNET  
SWITCH  
University of Muenster  
ETH Zürich  
Humboldt-Universität zu Berlin  
AARNet  
Cybera Inc

Leibniz Supercomputing Centre  
ENEA  
Faculty of philosophy  
Vienna University  
Technische Universität Berlin  
CERN  
SURF  
ENEA

**Thank you for your contribution!**

# Time and vendors

## Using sync & share storage:

- 4 are using sync & share storage since 2013
- 7 are using sync & share storage since 2014
- 4 are using sync & share storage since 2015
- 1 is using sync & share storage since 2016

## Vendors in place:

- 9 are using owncloud
- 2 are using nextcloud
- 2 are using seafiler
- 1 is using powerfolder
- 1 is using openstack swift

## User accounts and used storage per vendor

### Summed up user accounts:

owncloud : 266646  
nextcloud : 24654  
seafile : 15246  
powerfolder : 87737  
openstack swift : 1400

### Summed up storage in place:

owncloud : 4805  
nextcloud : 95  
seafile : 39  
powerfolder : 148  
openstack : 40

# Web servers and databases

## **web servers:**

Mostly Apache few others use Ngnix

## **databases:**

Mostly mariadb few others as postgre SQL, MYSQL and Percona

# cache, storage and protocols

## cache:

- 10 are using redis (+apsara)
- 4 are using Memcache (+apsara + mcrouter)
- 5 are using others eg.: implemented solutions...

## storage:

- 5 are using GPFS
- 2 are using CEPH
- 2 are using CERN EOS
- 2 are using NetApp
- 7 are others as (open stack, NAS, scality, Isilon)

## protocols:

- 8 are using NFS
- 2 are using Xrootd (AAA)
- 2 are using others (webdav, ceph/librados)



# Summary

- Installations since 2013 are reported
- Large installations from more than 20k users up to 100k users are running
- 396k user accounts have been reported within the CS3 community!
- 5.1 PB used sync and share storage within the CS3 community

Thank you for your attention.

