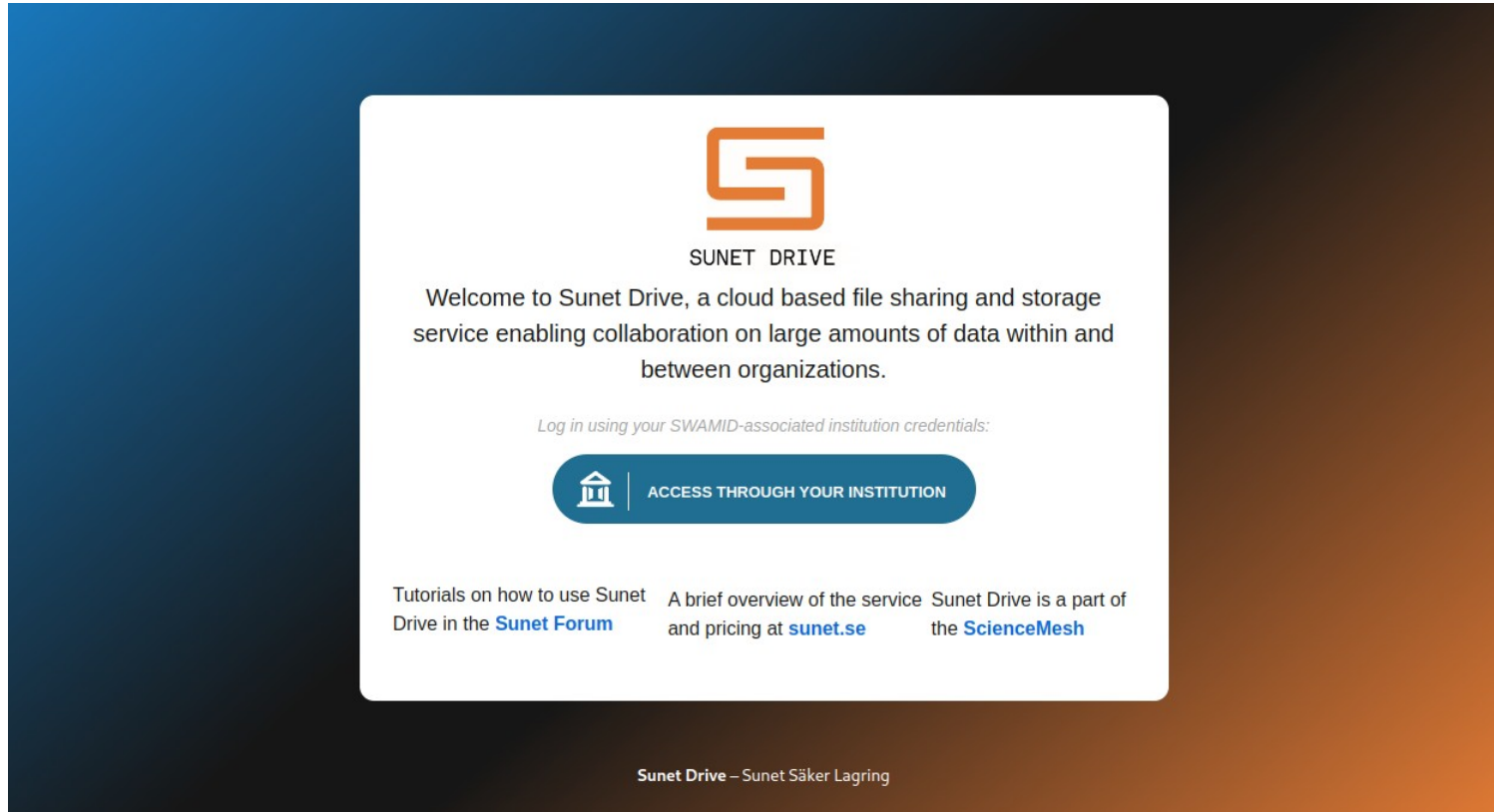


SUNET Drive

An Academic Toolbox



The screenshot shows the Sunet Drive login interface. At the top center is the Sunet Drive logo, a stylized orange 'S' inside a square. Below the logo, the text 'SUNET DRIVE' is displayed. A welcome message follows: 'Welcome to Sunet Drive, a cloud based file sharing and storage service enabling collaboration on large amounts of data within and between organizations.' Below this is a login instruction: 'Log in using your SWAMID-associated institution credentials:'. A prominent blue button with a white building icon and the text 'ACCESS THROUGH YOUR INSTITUTION' is centered. At the bottom, there are three links: 'Tutorials on how to use Sunet Drive in the [Sunet Forum](#)', 'A brief overview of the service and pricing at [sUNET.se](#)', and 'Sunet Drive is a part of the [ScienceMesh](#)'. The footer of the page reads 'Sunet Drive – Sunet Säker Lagring'.

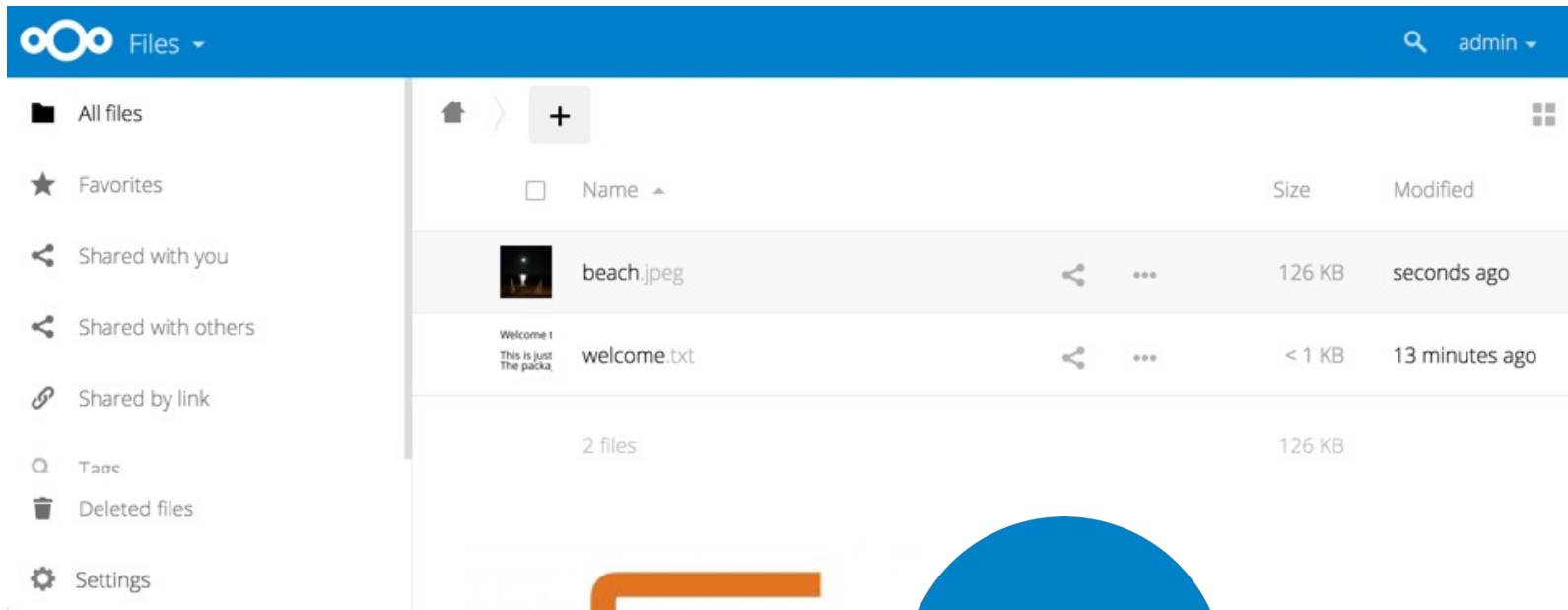
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Sunet Drive - overview

- "OneDrive or Google docs on steroids"
- Allows people to share and collaborate on any type of file
- Runs in the browser, on your computer, on your phone and probably more!
- Secure datacenters controlled by SUNET. No data leaves our datacenter, unless you want it to!



Sunet Drive - Academic toolbox

Primary data sources

UV-Vis



IVIUM



...



PIA



IPCE



Secure Storage

Box Sync - justol-pukan@eduid.se@sunetcloud.dev.safedc.services
Group\ExternalStorage - user@ms3.dev.nextcloud.safedc.services
Nextcloud - richard@familybox.mfreetag.com
Nextcloud - user@ms3.dev.nextcloud.safedc.services

```
rsync can't find https://espace.simio.it5.uu.se/sites/UMH-0000/Documents in /etc/ftab  
rsync@SS:~$ sudo rsync -s -avfz https://espace.simio.it5.uu.se/sites/UMH-0000/Documents UMH-0000  
Please enter the username to authenticate with server  
https://espace.simio.it5.uu.se/sites/UMH-0000/Documents or hit enter for none.  
Username: testforsade  
Please enter the password to authenticate with server  
https://espace.simio.it5.uu.se/sites/UMH-0000/Documents or hit enter for none.  
Password:  
rsync@SS:~$
```

Dropdepo

- 20180728_232921.mp4 14.9 MB, Jul 29
- fileupload.txt 19.9, Jul 10
- IMG_20180708_141743.jpg 1.1 MB, Jul 8
- nextcloud-10010002.apk 3.8 MB, Jul 24
- Screenshot_2_9 233410.jpg 302 KB, Jul 28
- Untitled.txt 3.8, Jul 17

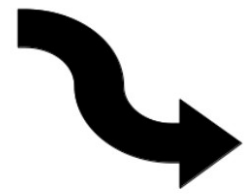
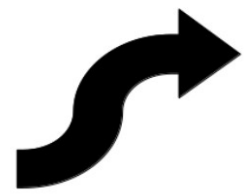
Marketing
Synchronizing with local folder personal

Sales
Synchronizing with local folder presentation data

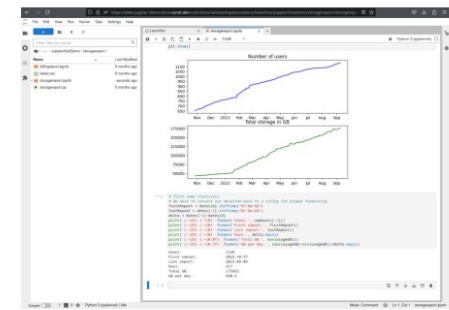
Public
Synchronizing with local folder public

Downloads
Applications
AirDrop
iCloud Drive
Documents

Recent
Removable Discs
Shared
espace.simio.it5.uu.se
All...



Analyze and Publish



Welcome to sciebo RDS!

Your sciebo extension for managing research data

sciebo Research Data Services (RDS!) is a secure, confidential service for research, studies and learning and allows you the possibility to easily manage your research data.

You access RDS! you can archive your data located in the university cloud system, search them in projects, add new information and publish your data sets.

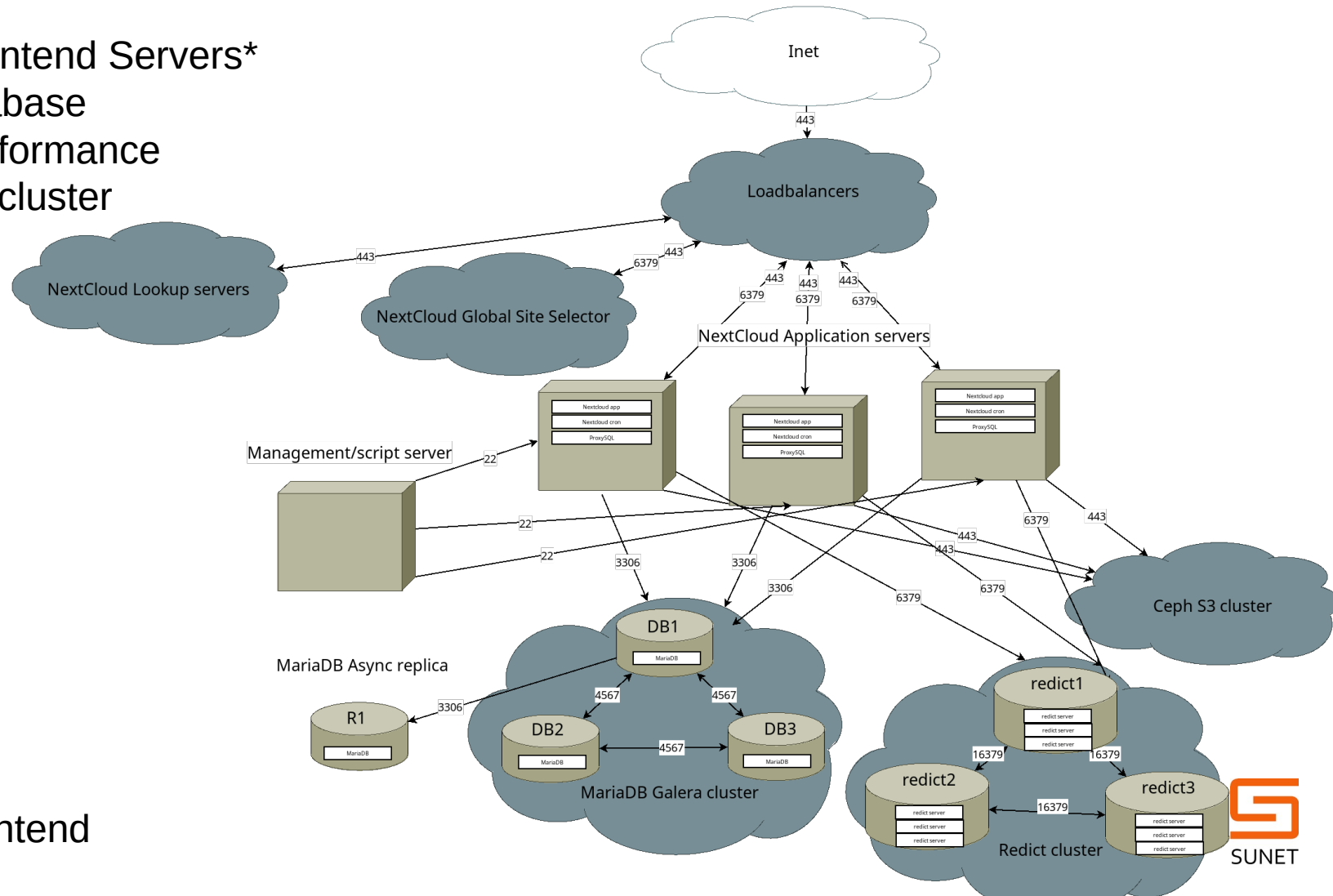
Get started in five easy steps:

1. Connect a sciebo extension
2. Create a project
3. Step
4. Step

Learn more about sciebo RDS!

Architecture

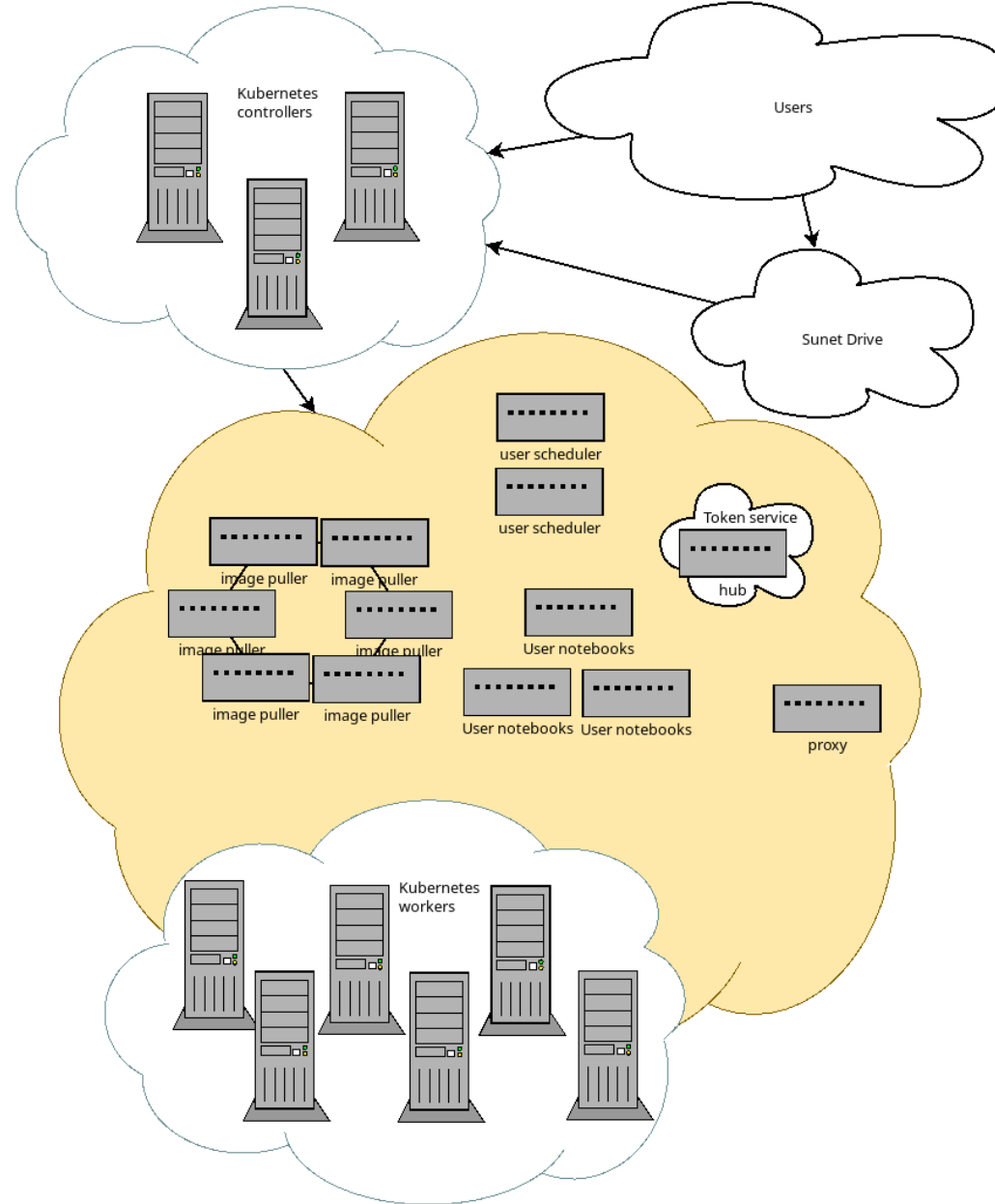
- Load-balanced Sunet Drive Frontend Servers*
- MariaDB Galera cluster as database
- Redis Cluster for improved performance
- All storage in Ceph S3 storage cluster



* <https://github.com/SUNET/sarimner-frontend>

Architecture

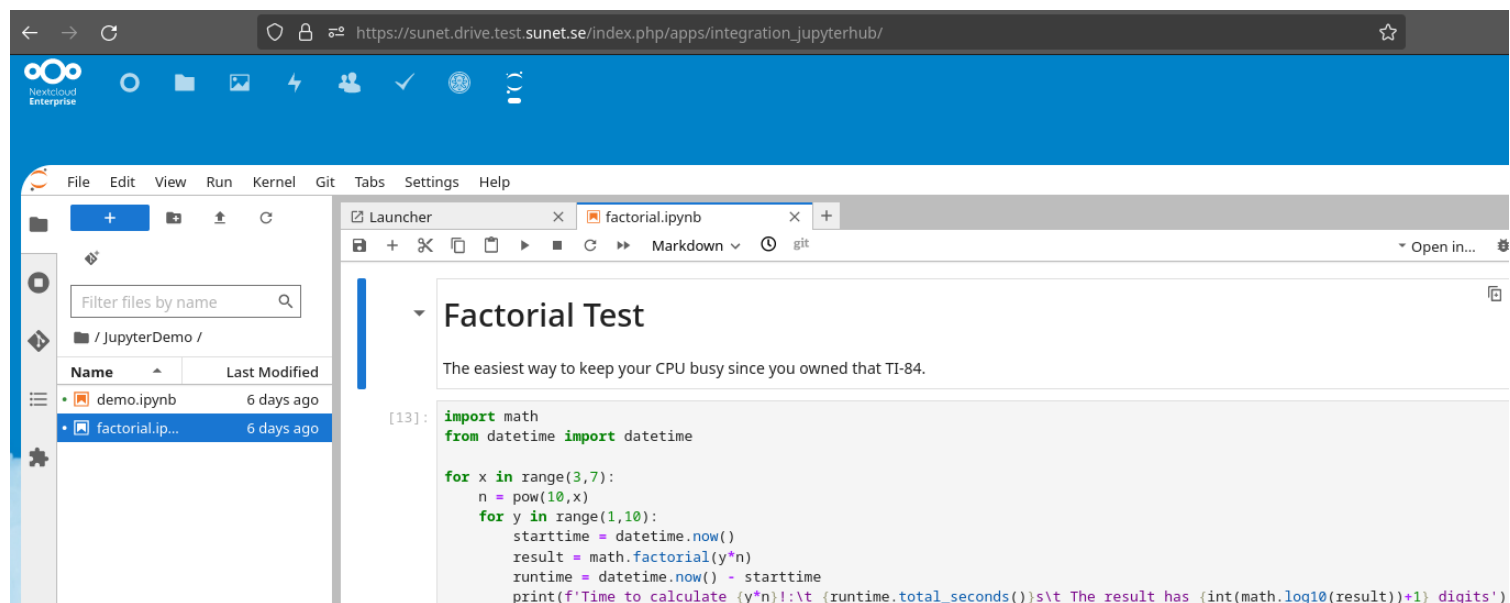
- Load-balanced controllers*
- Scalable by adding more workers
- All storage synced to openstack cinder



* <https://github.com/SUNET/sarimner-frontend>

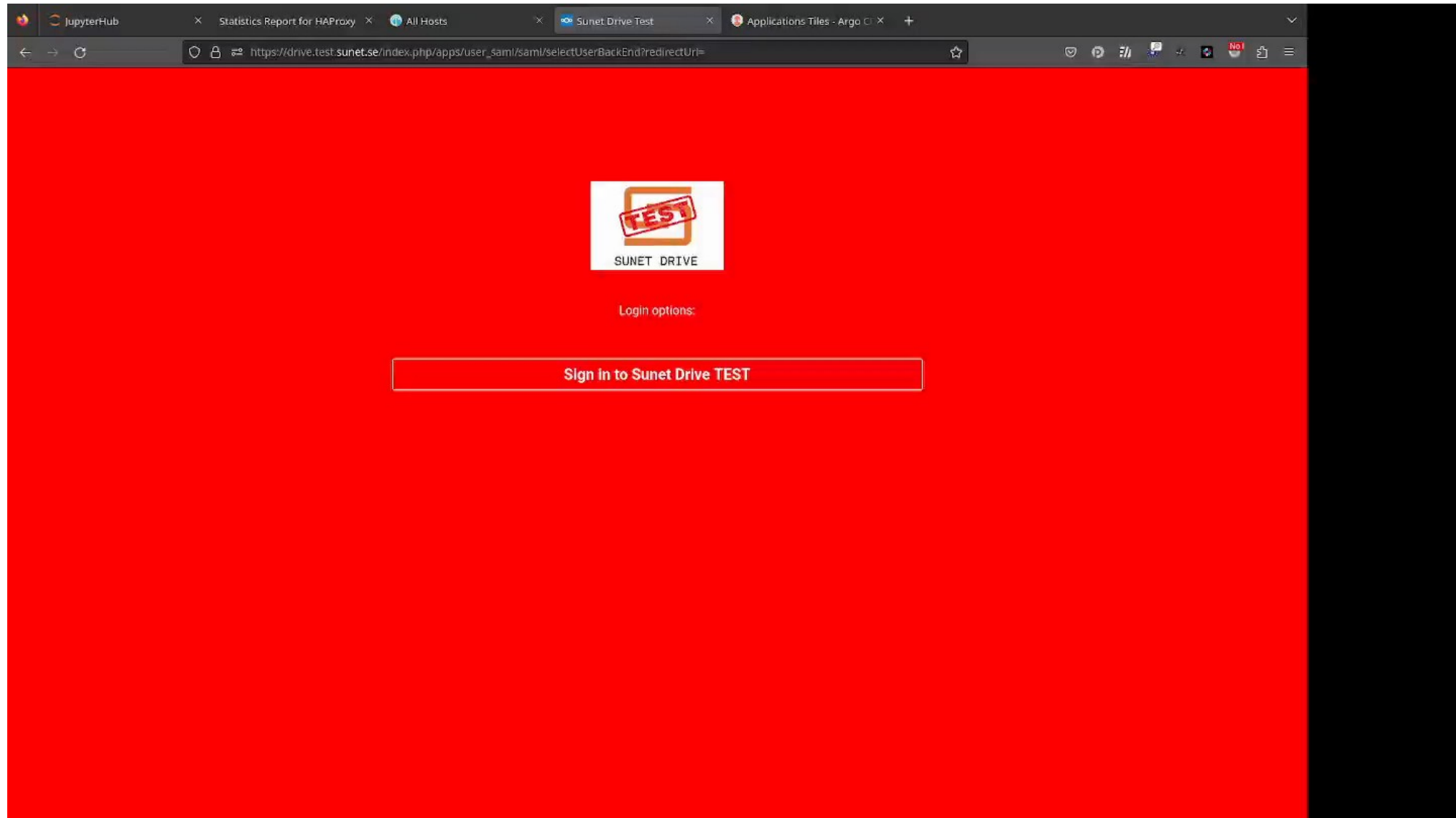
JupyterHub Integration

- Integrated in Sunet Drive
- Users can individually execute notebooks
- Users get 10GB “local” Jupyter Storage
- Storage is continuously synchronized between Sunet Drive and JupyterHub
- Other use-cases are being evaluated



Available upon request

Demo



The screenshot shows a web browser window with several tabs: 'JupyterHub', 'Statistics Report for HAProxy', 'All Hosts', 'Sunet Drive Test', and 'Applications Tiles - Argo C'. The address bar displays the URL: `https://drive.test.sunet.se/index.php/apps/user_saml/saml/selectUserBackend?redirectUri=`. The main content area has a solid red background. In the center, there is a logo consisting of a square with a red stamp-like 'TEST' label and the text 'SUNET DRIVE' below it. Underneath the logo, the text 'Login options:' is visible. At the bottom center, there is a white button with a red border that says 'Sign in to Sunet Drive TEST'. A black vertical bar is present on the right side of the browser window.



SUNET Drive



Questions?

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