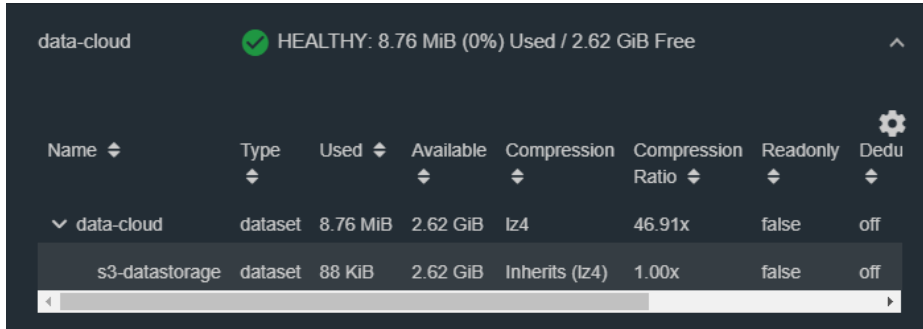


Nama : Qurrotu'ain Hanifah

NIM : 123170030

## Pertemuan 6

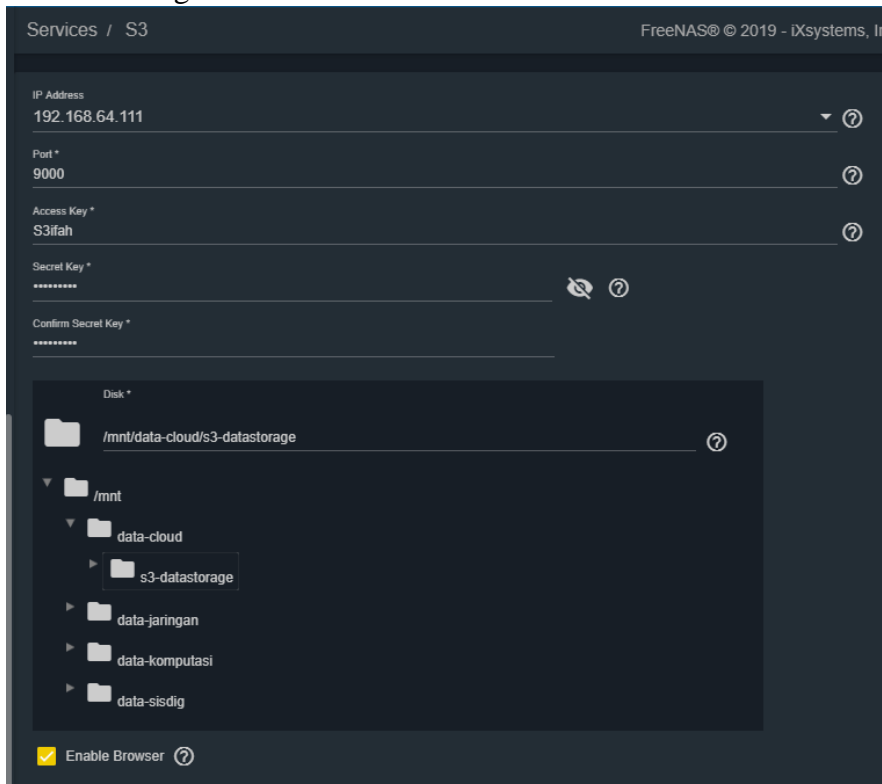
1. Login FreeNAS
2. Masuk menu Storage > Pool
3. Pilih menu Options > Add Dataset
4. Buat dataset baru dengan nama dataset s3-datastorage > save



The screenshot shows the 'data-cloud' dataset page in FreeNAS. At the top, it indicates 'HEALTHY: 8.76 MiB (0%) Used / 2.62 GiB Free'. Below this is a table listing datasets.

Name	Type	Used	Available	Compression	Compression Ratio	Readonly	Dedupe
data-cloud	dataset	8.76 MiB	2.62 GiB	lz4	46.91x	false	off
s3-datastorage	dataset	88 KiB	2.62 GiB	Inherits (lz4)	1.00x	false	off

5. Pilih menu services > cari s3 > pilih configure (ikon pensil)
6. Format konfigurasi

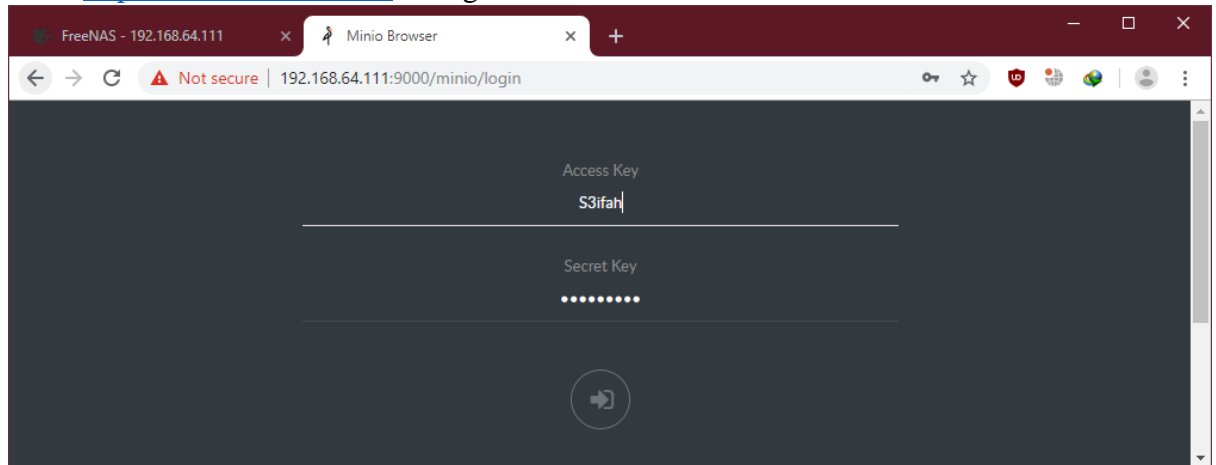


The screenshot shows the 'Services / S3' configuration page in FreeNAS. It includes fields for IP Address (192.168.64.111), Port (9000), Access Key (S3Ifah), Secret Key (masked), and Confirm Secret Key (masked). Below these is a 'Disk' section with a tree view showing the directory structure: /mnt/data-cloud/s3-datastorage. The 'Enable Browser' checkbox is checked.

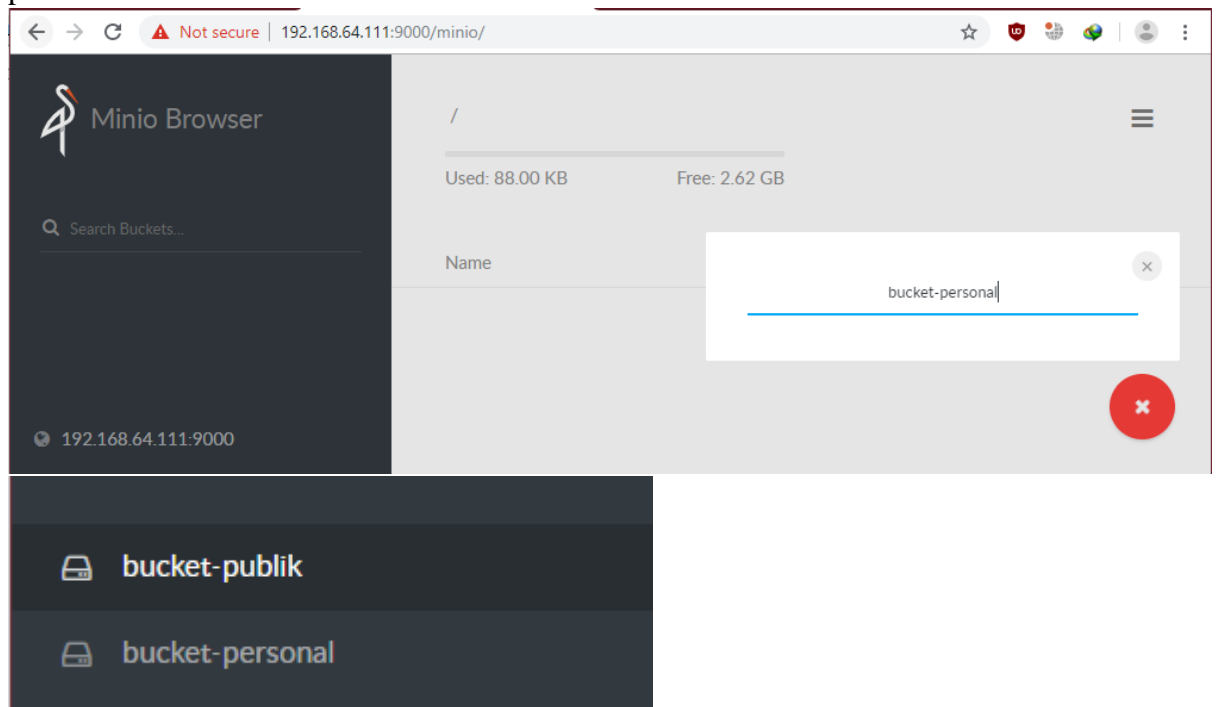
7. Aktivasi S3



8. Buka <http://IPFreeNAS:9000> > Login



9. Pada sebelah kanan, klik add > create bucket > beri nama bucket-personal dan bucket-publik.



10. Download s3cmd untuk upload data. Link: <http://link.upnyk.ac.id/s3cmd>. Ekstrak ke dalam folder VM-NIM.
11. Buka command prompt (Run as Administrator)
12. Ketik

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.17763.678]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Windows\system32>D:

D:\>cd VM-123170030

D:\VM-123170030>cd s3cmd-2.0.2

D:\VM-123170030\s3cmd-2.0.2>python setup.py install
```

13. Konfigurasi s3cmd

```
D:\VM-123170030\s3cmd-2.0.2>python s3cmd --configure
```

14. Masukkan access key dan secret key

```
Access key and Secret key are your identifiers for Amazon S3. Leave them empty for using the env variables.  
Access Key: S3ifah  
Secret Key: 123170030
```

15. Masukkan IP:9000, bucket, encryption, GPG kosongkan. HTTPS Protocol (No) > server name (kosongin) > test setting (Y), jika berhasil maka success. > kemudian save (Y).

16. Pada cmd, ketik python s3cmd ls untuk melisting isi dari bucket FreeNAS

```
D:\VM-123170030\s3cmd-2.0.2>python s3cmd ls  
2020-03-12 06:49 s3://bucket-personal  
2020-03-12 06:49 s3://bucket-publik  
  
D:\VM-123170030\s3cmd-2.0.2>
```

17. Dokumentasi s3cmd pada alamat <https://docs.min.io/docs/s3cmd-with-minio.html>

18. Perintah upload file pada bucket

```
D:\VM-123170030\s3cmd-2.0.2>python s3cmd put mencoba.txt s3://bucket-personal  
ERROR: Parameter problem: Nothing to upload.
```

19. Nyalakan services netdata > Launch (ikon kotak)



20. Akan muncul banyak data



21. Link dokumentasi: <https://www.netdata.cloud/>