

## Pertemuan 6

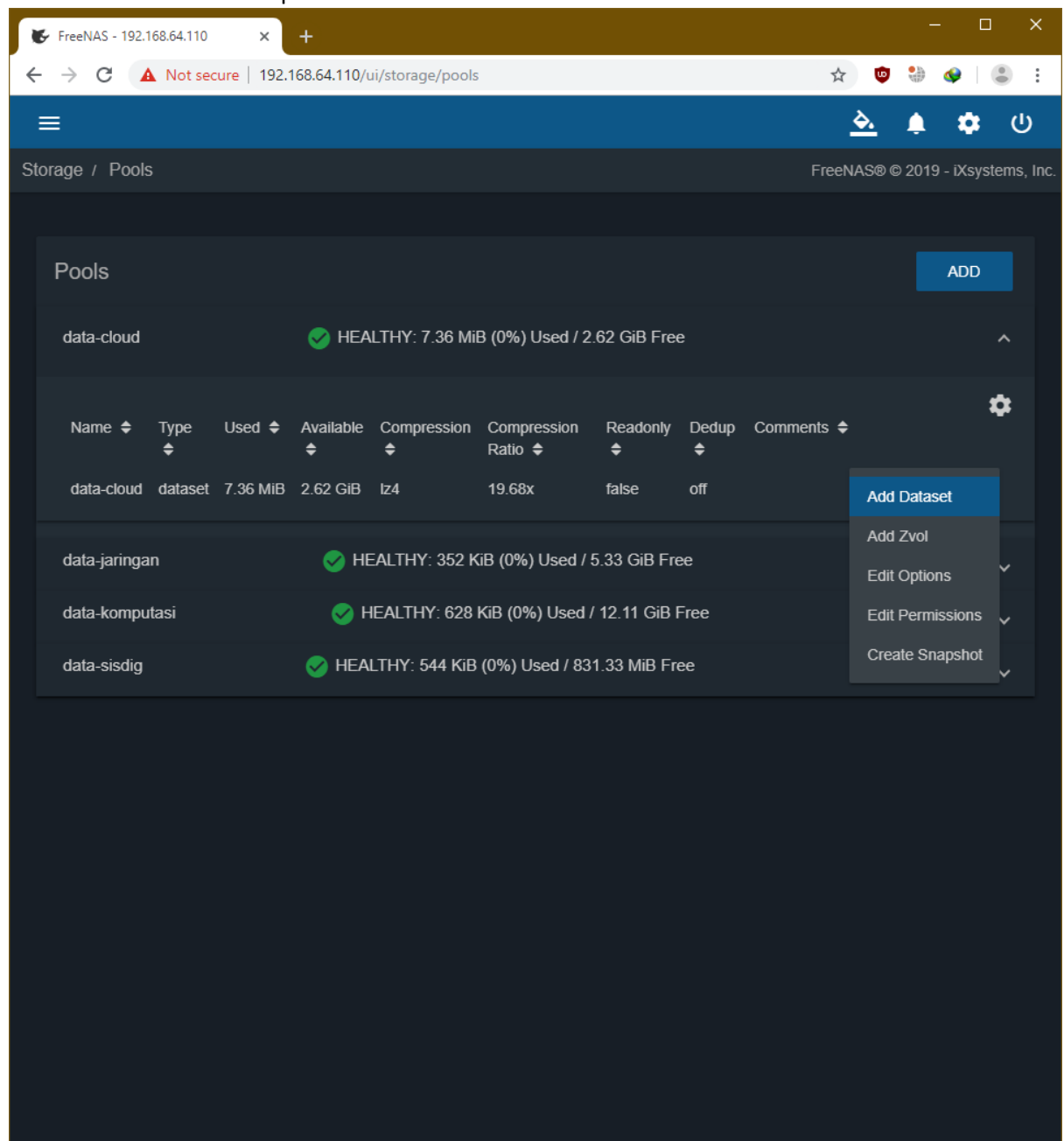
### 1. Service

S3 bucket service

Protokol penyimpanan berbasis object yang digunakan oleh vendor contohnya amazon web service, dropbox dll

Langkah :

- Login ke dashboard freenas
- Tambahkan data set baru pool data cloud



- Buat folder s3-datastorage lalu save
- Masuk ke menu service → s3 → config

FreeNAS - 192.168.64.110

Not secure | 192.168.64.110/ui/services/s3

Services / S3

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IP Address  
192.168.64.110

Port \*  
9000

Access Key \*  
S3rifky

Secret Key \*  
\*\*\*\*\*

Confirm Secret Key \*  
\*\*\*\*\*

Disk \*

/mnt/data-cloud/s3-datastorage

/mnt

data-cloud

s3-datastorage

data-jaringan

data-komputasi

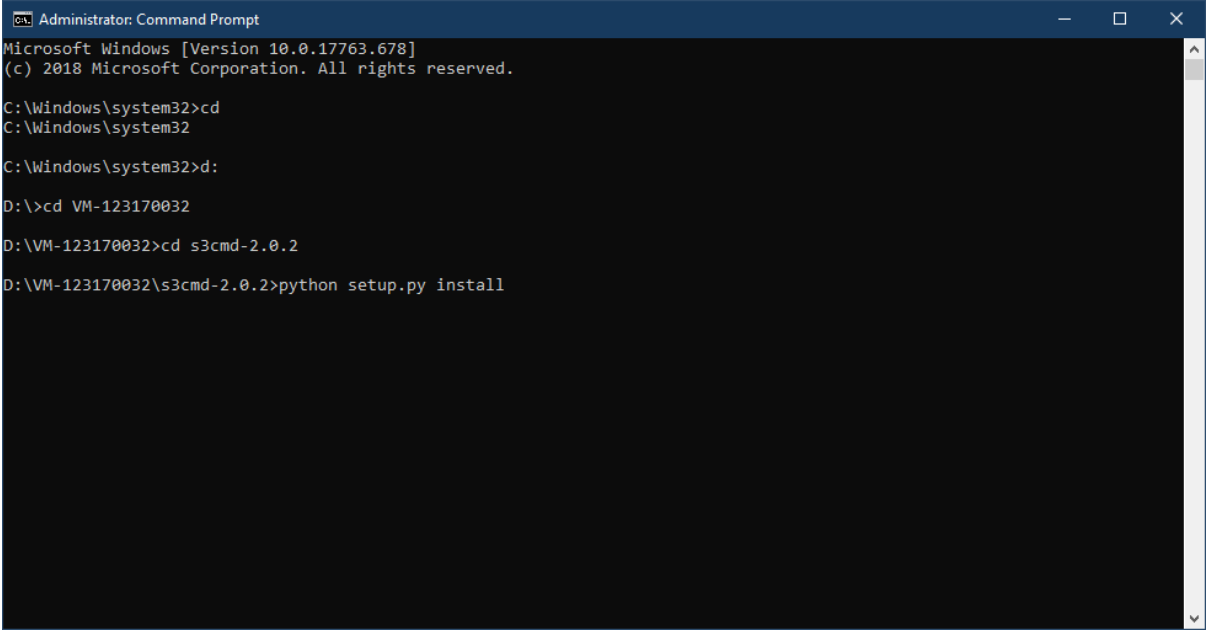
data-sisdig

☒ Enable Browser

Certificate

SAVE CANCEL

- 
- Nyalakan s3 nya
- Akses layanan s3 <http://192.168.64.110:9000>
- Login dengan nick name dan secret key
- Buat bucket dengan cara klik add → create buat bucket-personal dan bucket-public
- S3 epi download <http://link.upnyk.ac.id/s3tools> atau s3tools.org

A screenshot of a Windows Command Prompt window titled "Administrator: Command Prompt". The window has a dark blue title bar with standard minimize, maximize, and close buttons. The main area is black with white text. The text shows the Windows version (10.0.17763.678) and copyright (c) 2018 Microsoft Corporation. The user has navigated from C:\Windows\system32 to D:\VM-123170032\s3cmd-2.0.2 and executed the command "python setup.py install".

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

C:\Windows\system32>cd
C:\Windows\system32
C:\Windows\system32>d:
D:\>cd VM-123170032
D:\VM-123170032>cd s3cmd-2.0.2
D:\VM-123170032\s3cmd-2.0.2>python setup.py install
```

```

Administrator: Command Prompt - python s3cmd --configure
S3 Endpoint: 123170032:9000
DNS-style bucket+hostname:port template for accessing a bucket: %(bucket)s.s3.amazonaws.com
Encryption password:
Path to GPG program: None
Use HTTPS protocol: False
HTTP Proxy server name:
HTTP Proxy server port: 0

Test access with supplied credentials? [Y/n] y
Please wait, attempting to list all buckets...
ERROR: Test failed: [Errno 11001] getaddrinfo failed

Retry configuration? [Y/n] y

Enter new values or accept defaults in brackets with Enter.
Refer to user manual for detailed description of all options.

Access key and Secret key are your identifiers for Amazon S3. Leave them empty for using the env variables.
Access Key [S3rifyky]:
Secret Key [123170032]:
Default Region [US]:

Use "s3.amazonaws.com" for S3 Endpoint and not modify it to the target Amazon S3.
S3 Endpoint [123170032:9000]: 192.168.64.110:9000

Use "%(bucket)s.s3.amazonaws.com" to the target Amazon S3. "%(bucket)s" and "%(location)s" vars can be used
if the target S3 system supports dns based buckets.
DNS-style bucket+hostname:port template for accessing a bucket [%s.s3.amazonaws.com]:

Encryption password is used to protect your files from reading
by unauthorized persons while in transfer to S3
Encryption password:
Path to GPG program:

When using secure HTTPS protocol all communication with Amazon S3
servers is protected from 3rd party eavesdropping. This method is
slower than plain HTTP, and can only be proxied with Python 2.7 or newer
Use HTTPS protocol [No]:

On some networks all internet access must go through a HTTP proxy.
Try setting it here if you can't connect to S3 directly
HTTP Proxy server name:

New settings:
Access Key: S3rifyky
Secret Key: 123170032
Default Region: US
S3 Endpoint: 192.168.64.110:9000
DNS-style bucket+hostname:port template for accessing a bucket: %(bucket)s.s3.amazonaws.com
Encryption password:
Path to GPG program: None
Use HTTPS protocol: False
HTTP Proxy server name:
HTTP Proxy server port: 0

Test access with supplied credentials? [Y/n] y
Please wait, attempting to list all buckets...
Success. Your access key and secret key worked fine :-))

Now verifying that encryption works...
Not configured. Never mind.

Save settings? [y/N]

```

- Contoh konfigurasi :
- <http://docs.min.io/docs/s3cmd-with-minio.html>

monitoring dengan net data service

- task manager freenas
- masuk service masuk net data dan dijalankan
- lalu launch
- atau bisa diakses dengan ip/net data
- dokumentasi : <http://netdata.cloud>

mencoba jails dengan transmission

config : [youtube.com/watch?v=%u9MG9MH-xw](https://www.youtube.com/watch?v=%u9MG9MH-xw)

project akhir :