NIM: 123170039

Pertemuan 6

Konfigurasi FreeNAS

S3 Bucket Service

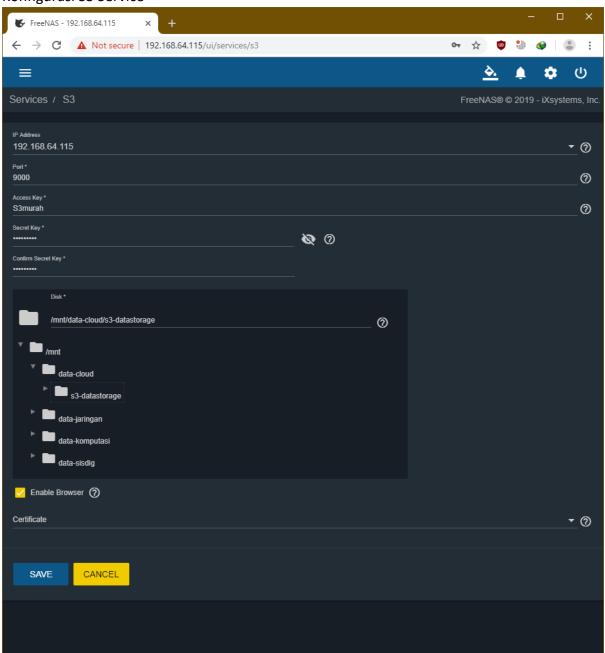
Protokol penyimpanan berbasis object yang digunakan oleh vendor contohnya amazon web service, dropbox, dll

Konfigurasi:

- 1. Login Dashboard FreeNAS
- 2. Masuk menu Storage Pool > pilih > three dot > add Dataset
- 3. Buat Dataset baru
- 4. Selesai buat Dataset
- 5. Masuk ke Service > S3 > Configure

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6. Konfigurasi S3 Service



- 7. Setelah di save kemudian di run dan centang "start auto" S3 tsb.
- 8. Akses layanan S3 dengan mengetikkan url "IPFREENAS:9000".
- 9. Kemudian Login MinilO
- 10. Kemudian create bucket
- 11. Liat hasil bucket di menu dashboard
- 12. Coba s3cmd utk upload data
- 13. Install s3cmd dengan CMD "python setup.py install"
- 14. Kemudian ketikkan "python s3cmd -configure"
- 15. Kemudian di konfifure
- 16. Masukkan access key, secret key, enter default Region, kemudian set endpoint IPFREENAS:9000

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```
Administrator: Command Prompt
ERROR: Option --progress is not yet supported on MS Windows platform. Assuming --no-progress.
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: S3murah
Secret Key: 123170039
Default Region [US]:
Use "s3.amazonaws.com" for S3 Endpoint and not modify it to the target Amazon S3.
S3 Endpoint [s3.amazonaws.com]: 192.168.64.115:9000
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 [%(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 [Yes]: 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: S3murah
Secret Key: 123170039
  Default Region: US
S3 Endpoint: 192.168.64.115:9000
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] y
Configuration saved to 'C:\Users\Lab Informatika\AppData\Roaming\s3cmd.ini'
D:\VM-123170039\s3cmd-2.0.2\s3cmd-2.0.2>_
```

17. https://docs.min.io/docs/s3cmd-with-minio.html dokumentasi dari S3CMD

Monitoring dengan Netdata Service

- Login FreeNAS
- 2. Service > aktifkan netdata
- 3. Akses IPFreeNAS/netdata maka akan dapat dilihat System Overview
- 4. Dokumentasi https://www.netdata.cloud/

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Mencoba JAILS dengan Transmission

Sebagai mesin downloader torrent dengan aplikasi Transmission

Dokumentasi https://www.youtube.com/watch?v=5U9MG9MH-xw