

Praktikum Cloud Computing C

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Konfigurasi Layanan Cloud Computing Pada FreeNAS

S3 Bucket Service => penyimpanan berbasis objek (ex : Amazon Web Service)

Konfigurasi S3

Buka freenas di browser dan login.

Pada data-cloud pilih add dataset dan masukkan nama dataset.

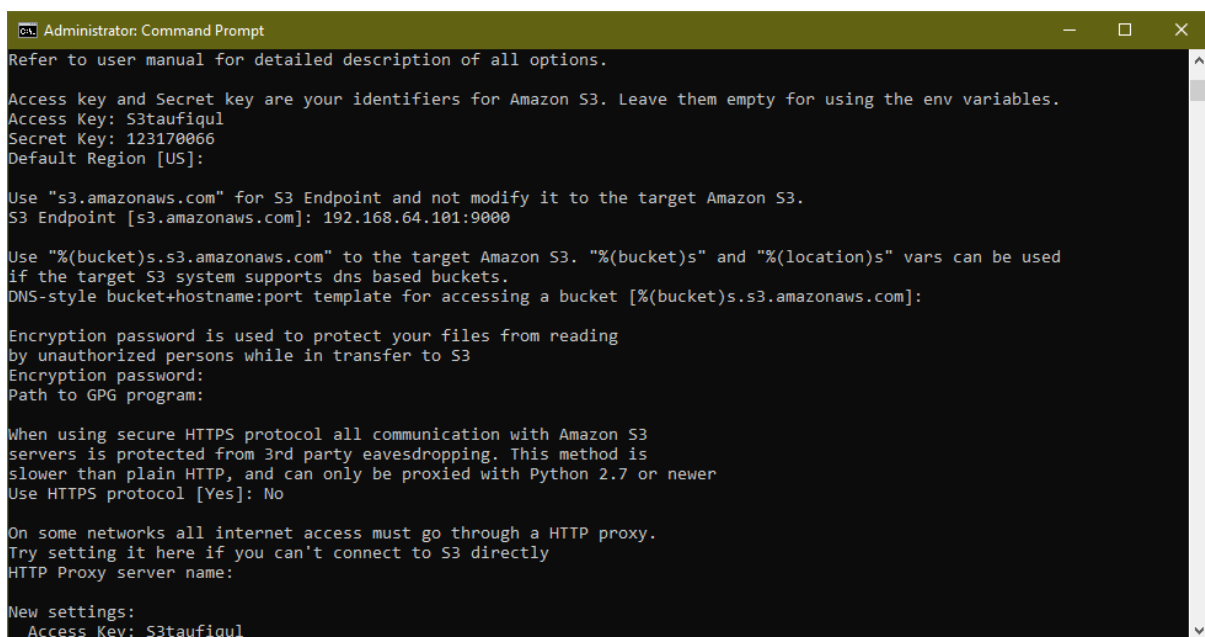
Lalu ke tab service dan atur konfigurasi untuk S3 lalu save dan jalankan service S3 dan buat otomatis.

Lalu buka browser ke alamat ipfreenas:9000 dan akan muncul alamat minio browser login dengan konfigurasi tadi yang sudah dibuat.

Setelah login berhasil lalu klik icon + dipojok kanan abwah dan pilih create bucket (bucket-personal,bucket-publik).

Download file lalu ekstrak ke folder vm (link.upnyk.ac.id/s3cmd),kemudian buka cmd dengan run administrator dan arahkan ke folder D: =>cd VM-NIM =>cd s3cmd-2.0.2 =>python setup.py install tunggu hingga selesai.

Ketikan python s3cmd --configure dan masukkan access key dan secret key,kosongkan default region,dan endpoint isikan ipfreenas:9000,isian bucket,encryption dan gpg dikosongkan,https diketik No.,bagian proxy kosongkan,lalu test access di Y dan save access diisi y.



```
Administrator: Command Prompt
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: S3taufiqul
Secret Key: 123170066
Default Region [US]:

Use "s3.amazonaws.com" for S3 Endpoint and not modify it to the target Amazon S3.
S3 Endpoint [s3.amazonaws.com]: 192.168.64.101:9000

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: S3taufiqul
```

```
Administrator: Command Prompt
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: S3taufiqul
Secret Key: 123170066
Default Region: US
S3 Endpoint: 192.168.64.101:9000
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 :-)
```

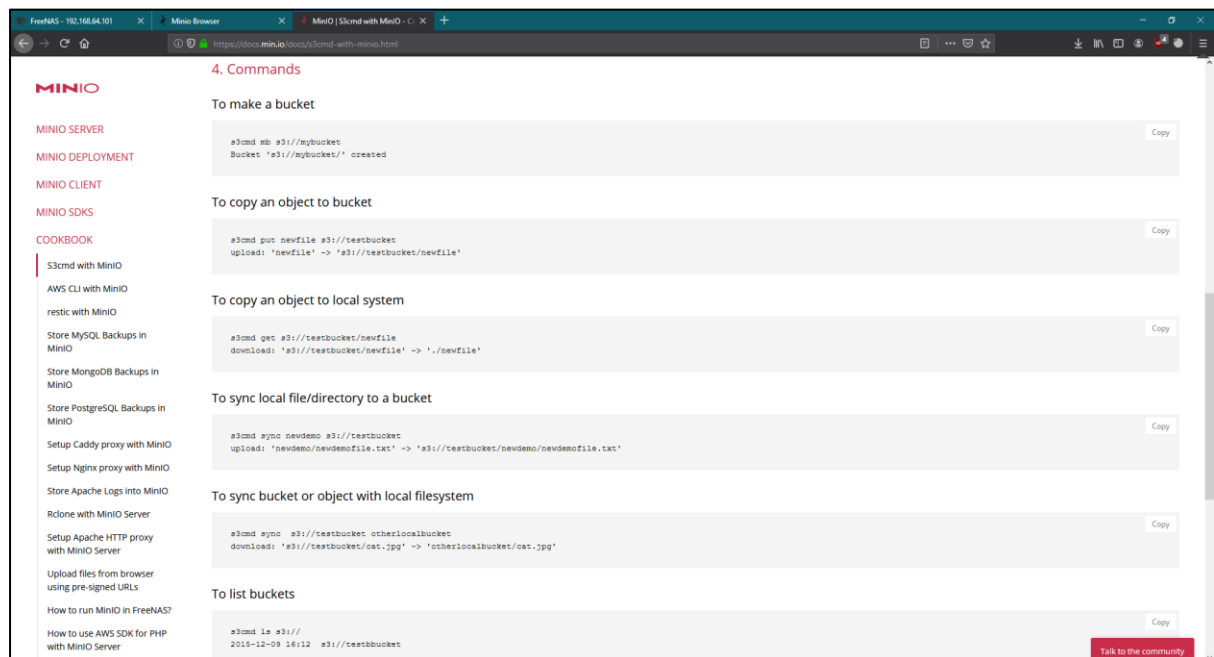
Now verifying that encryption works...

Not configured. Never mind.

Save settings? [y/N] y
Configuration saved to 'C:\Users\Lab Informatika\AppData\Roaming\s3cmd.ini'

D:\VM-123170066\s3cmd-2.0.2>

Untuk melisting isi bucket, ketikan `python s3cmd ls`. Untuk dokumentasi lain : docs.min.io/docs/s3cmd-with-minio.html



Monitoring Dengan Netdata Service

Masuk ke menu service lalu aktifkan netdata, dan dilaunch, bisa langsung ke ipfreenas/netdata

Mencoba Jails Dengan Transmission

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