

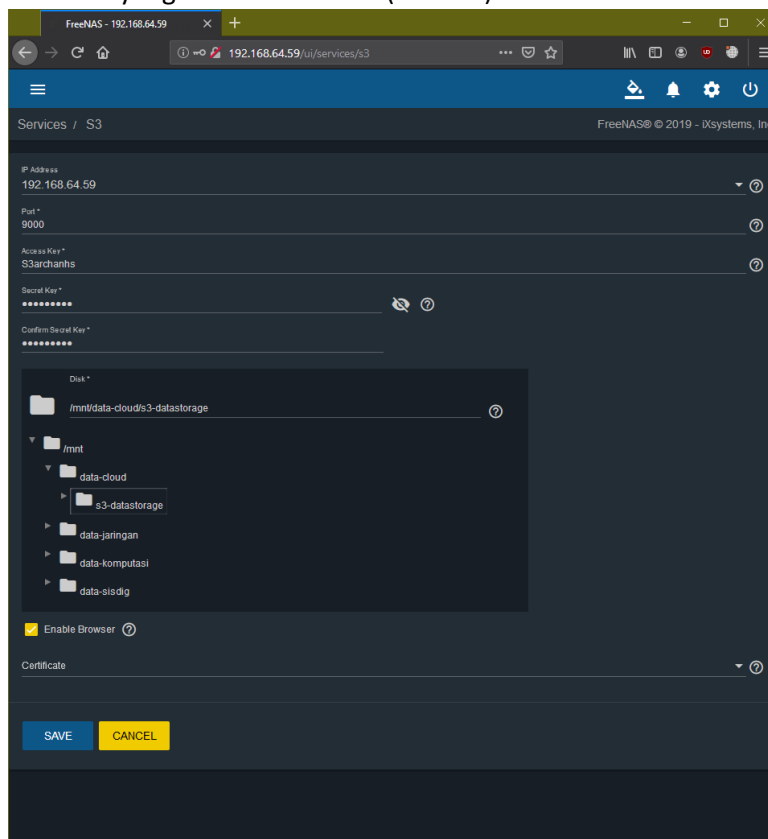
Archan Habib S

123170024

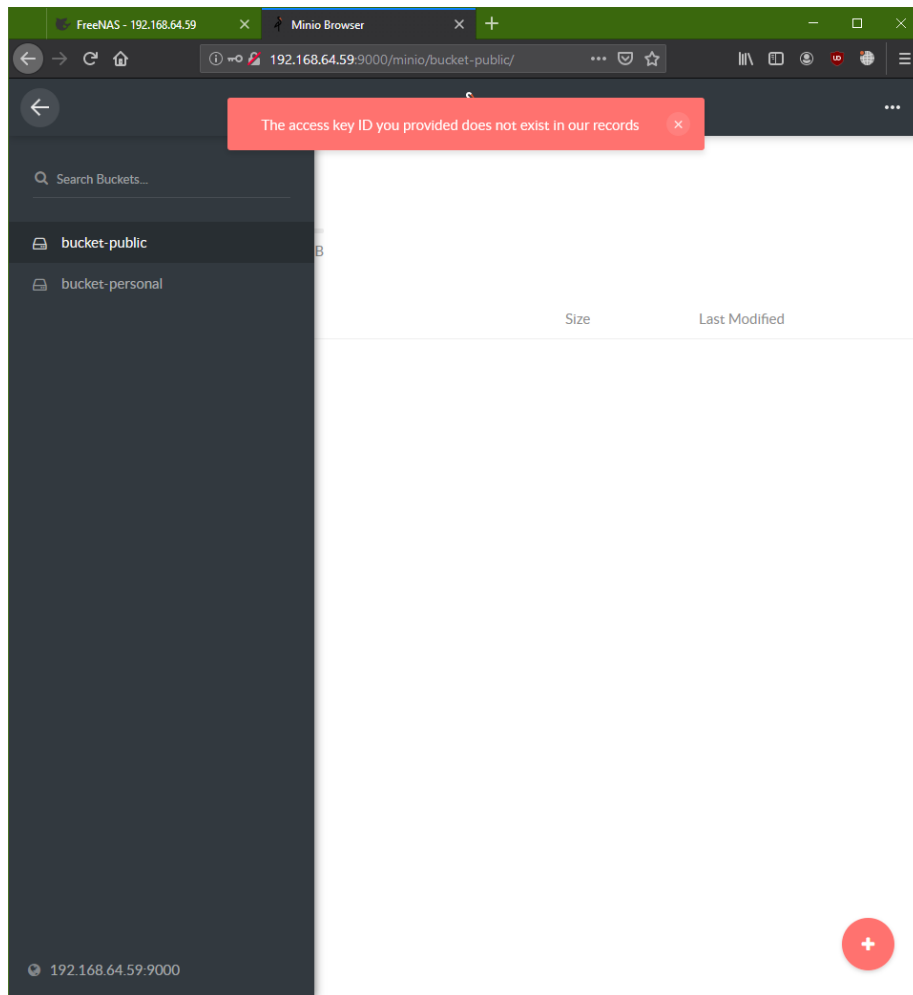
File Sharing freeNAS

Tahapan

- Buka freenas melalui web browser, login dan masuk
- Buat pools baru
- Setelah dibuat pilih add dataset
- Kemudian buat dataset
- Pilih menu service
- Pilih kofigure s3
- Ubah ip menjadi ip freenas, ubah acceskey(bebas)
- Pilih disk yang telah dibuat tadi (dataset)



- Aktif kan running dan start automatic
- Buka di browser ipfreeNAS:9000 ex. <http://192.168.64.59:9000>
- Login dengan akun service / S3
- Buat bucket (bucket-personal,bucket-public)



- Buka link <https://s3tools.org/download> atau link.upnyk.ac.id/s3cmd
- jalan kan cmd ke dalam file tadi dan install python

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

C:\Windows\system32>D:

D:\>cd VM-123170024

D:\VM-123170024>cd s3cmd-2.0.2

D:\VM-123170024\s3cmd-2.0.2>python setup.py install
Using xml.etree.ElementTree for XML processing
running install
running bdist_egg
running egg_info
writing s3cmd.egg-info\PKG-INFO
writing dependency links to s3cmd.egg-info\dependency_links.txt
writing requirements to s3cmd.egg-info\requires.txt
writing top-level names to s3cmd.egg-info\top_level.txt
reading manifest file 's3cmd.egg-info\SOURCES.txt'
reading manifest template 'MANIFEST.in'
writing manifest file 's3cmd.egg-info\SOURCES.txt'
installing library code to build\bdist.win32\egg
running install_lib
running build_py
creating build
creating build\lib
creating build\lib\S3
copying S3\AccessLog.py -> build\lib\S3
copying S3\ACL.py -> build\lib\S3
copying S3\BidirMap.py -> build\lib\S3
```

- lakukan configure dan masukkan ip freeNAS

```
Administrator: Command Prompt - python s3cmd --configure
Processing six-1.14.0-py2.py3-none-any.whl
Installing six-1.14.0-py2.py3-none-any.whl to c:\program files (x86)\python37-32\lib\site-packages
Adding six 1.14.0 to easy-install.pth file

Installed c:\program files (x86)\python37-32\lib\site-packages\six-1.14.0-py3.7.egg
Finished processing dependencies for s3cmd==2.0.2

D:\VM-123170024\s3cmd-2.0.2>python s3cmd -- configure
ERROR: C:\Users\Lab Informatika\AppData\Roaming\s3cmd.ini: None
ERROR: Configuration file not available.
ERROR: Consider using --configure parameter to create one.

D:\VM-123170024\s3cmd-2.0.2>python s3cmd --configure
ERROR: Option --preserve is not yet supported on MS Windows platform. Assuming --no-preserve.
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: S3archanhs
Secret Key: 123170024
Default Region [US]:

Use "s3.amazonaws.com" for S3 Endpoint and not modify it to the target Amazon S3.
S3 Endpoint [s3.amazonaws.com]: 192.168.64.59:9000

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]:
```

```
Administrator: Command Prompt
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: S3archanhs
  Secret Key: 123170024
  Default Region: US
  S3 Endpoint: 192.168.64.59:9000
  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...
```

- kemudian coba dengan membuka <https://docs.min.io/docs/s3cmd-with-minio.html>
- coba upload sebuah file

```
Administrator: Command Prompt
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-123170024\s3cmd-2.0.2>upload: 'new 1' -> 'D:\VM-123170024\new 1'
The filename, directory name, or volume label syntax is incorrect.

D:\VM-123170024\s3cmd-2.0.2>python s3cmd put new.txt s3://bucket-personal
ERROR: Parameter problem: Nothing to upload.

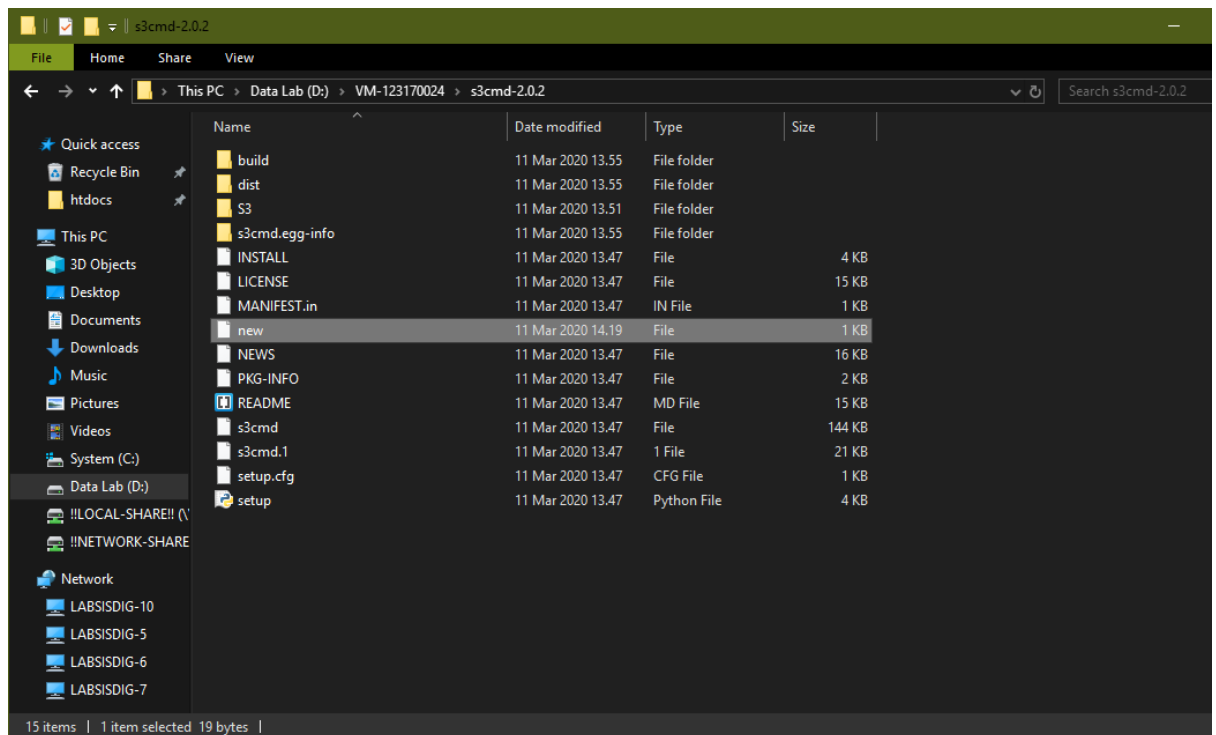
D:\VM-123170024\s3cmd-2.0.2>python s3cmd put new.txt s3://bucket-personal
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D:\VM-123170024\s3cmd-2.0.2>python s3cmd put new s3://bucket-personal
WARNING: Module python-magic is not available. Guessing MIME types based on file extensions.
ERROR: S3 error: 403 (InvalidAccessKeyId): The AWS Access Key Id you provided does not exist in our records.

D:\VM-123170024\s3cmd-2.0.2>
```



- menyalakan service netdata pada service freeNAS kemudian launch untuk mengetahui performa

