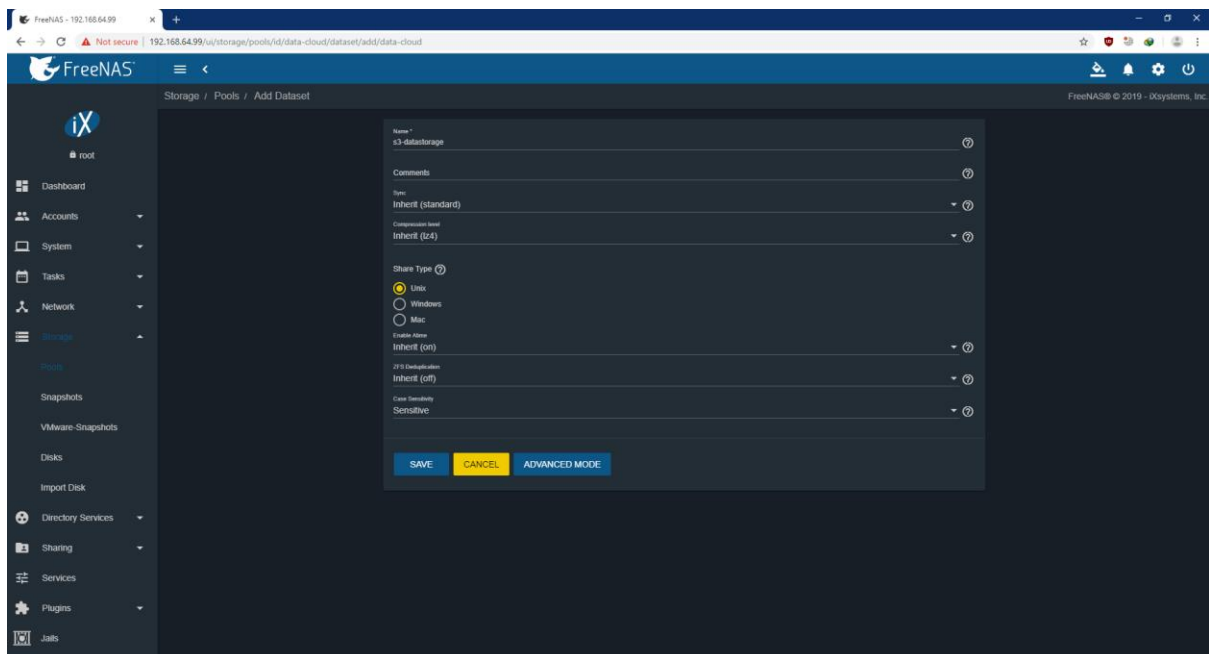
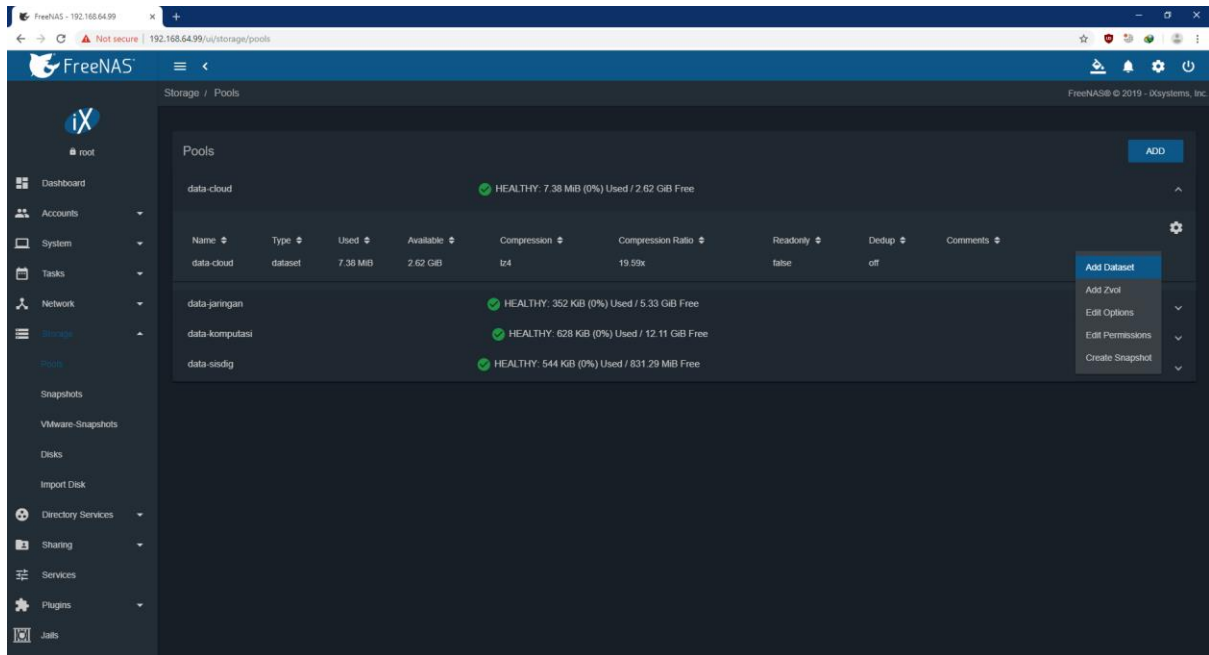
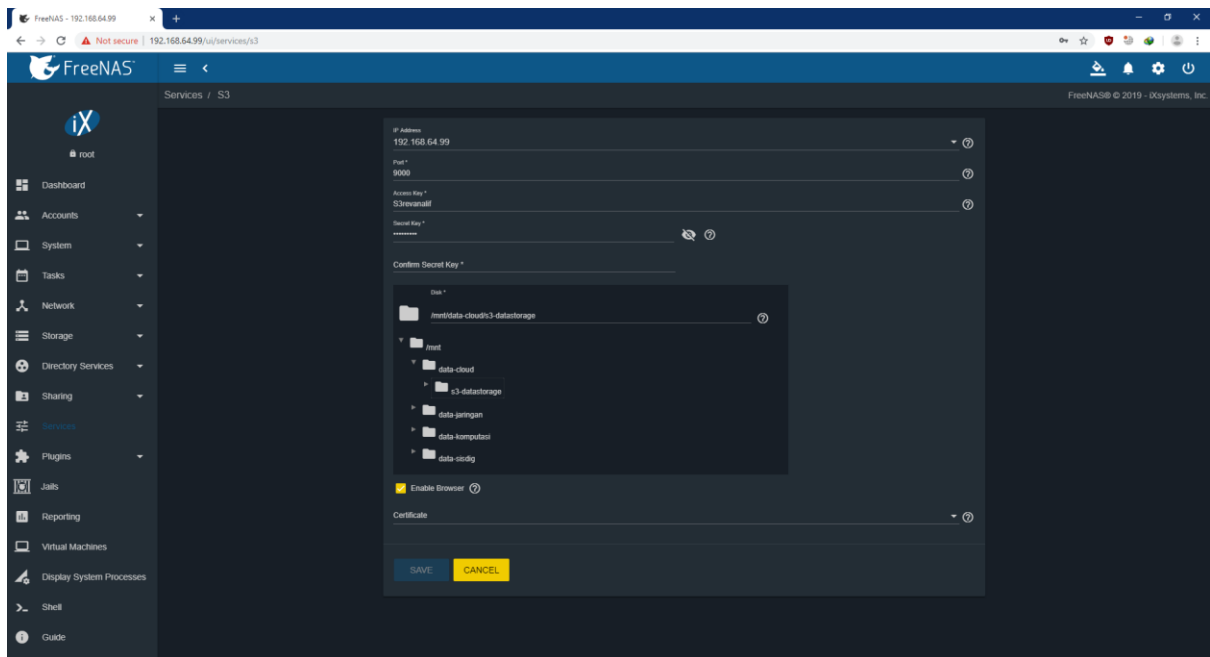
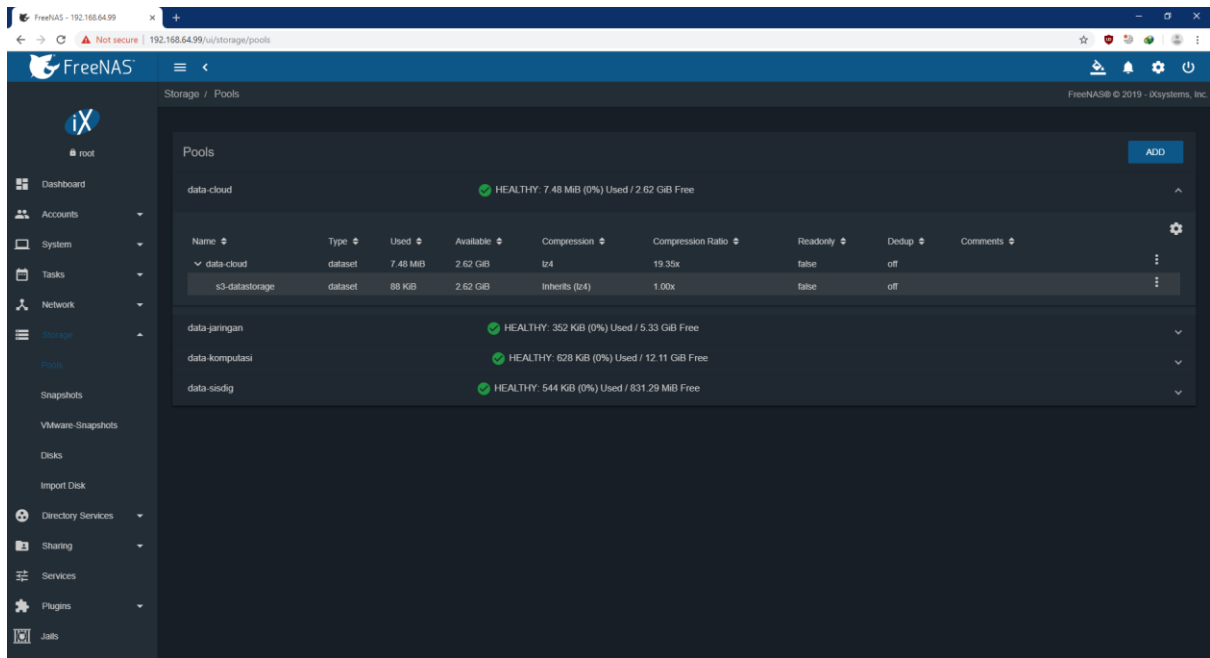
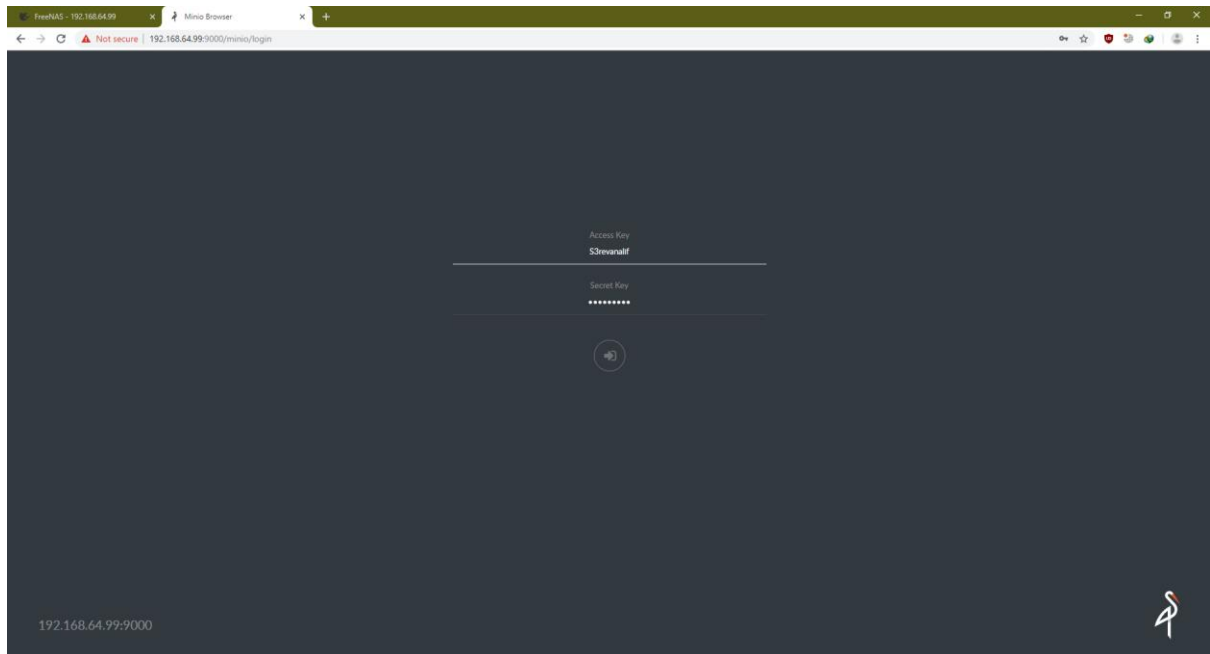
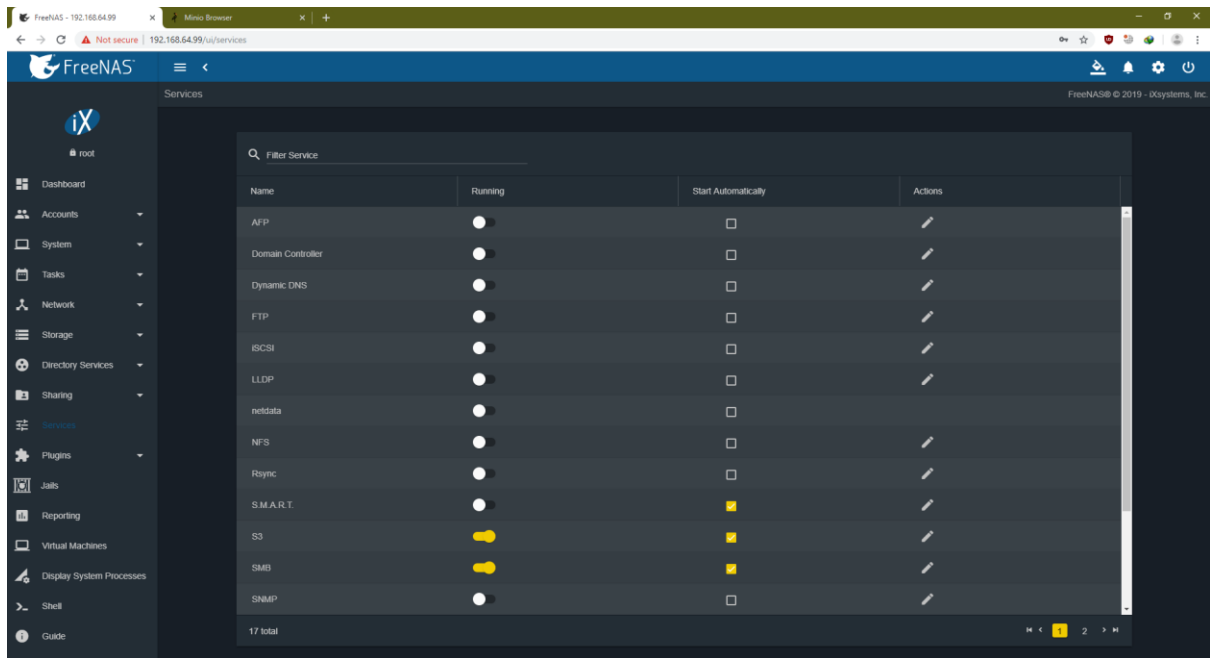


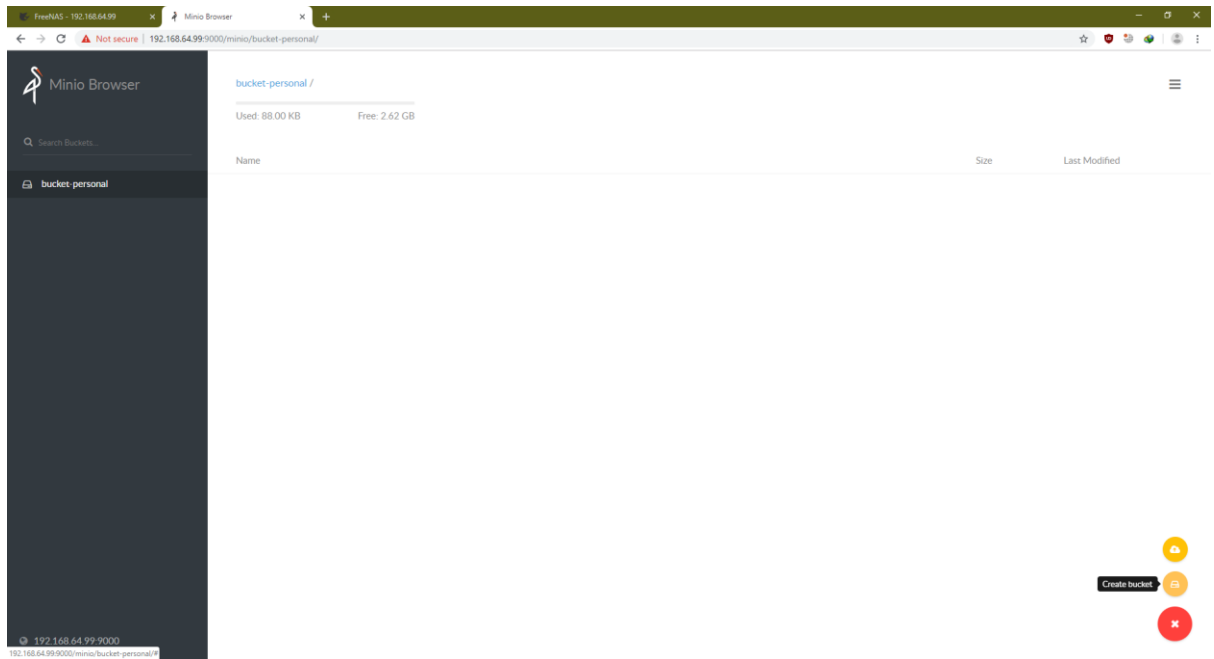
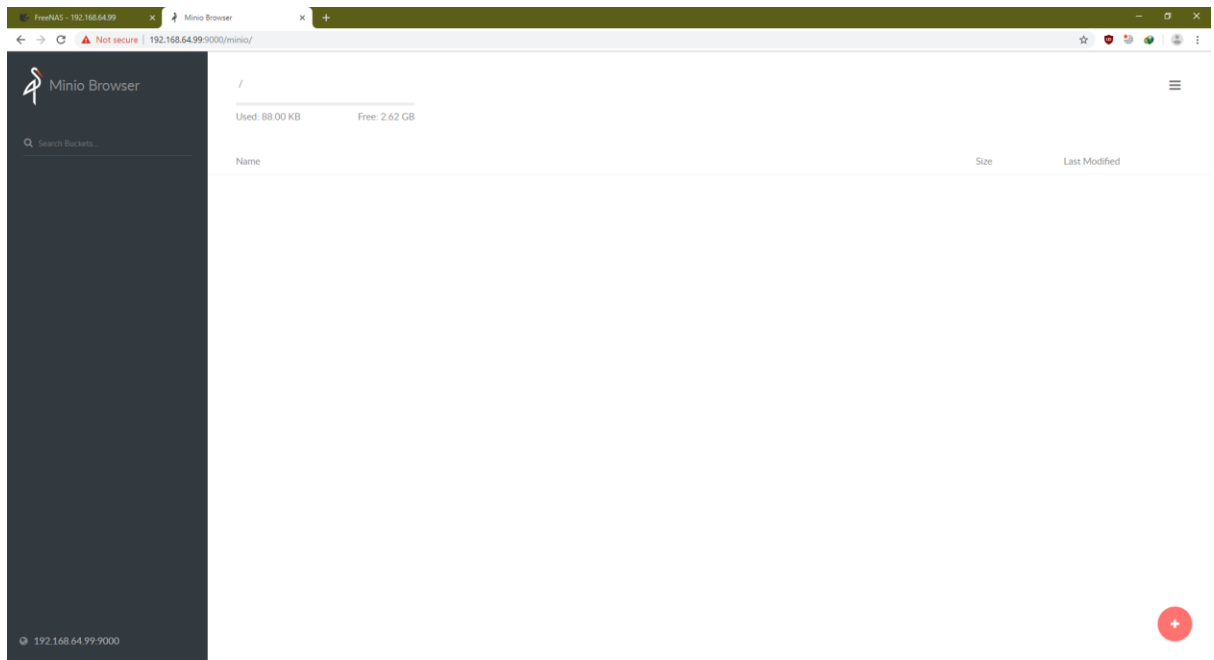
NAMA : Revanto Alif Nawasta
NIM : 123170060
Konfigurasi Layanan Cloud Computing Pada FreeNAS

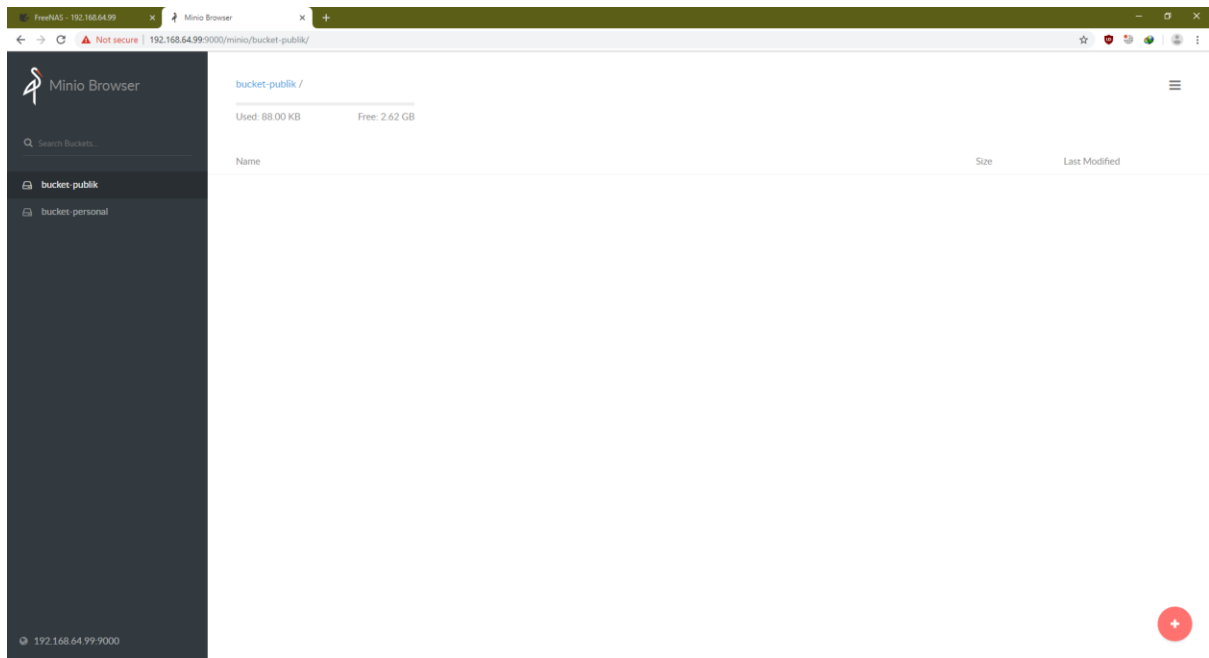
S3 Bucket Service → protokol penyimpanan berbasis objek yang banyak digunakan oleh vendor cloud computing seperti Amazon Web Service. FreeNAS dapat digunakan sebagai S3 storage.











```
Administrator: Command Prompt
Processing python_magic-0.4.15-py2.py3-none-any.whl
Installing python_magic-0.4.15-py2.py3-none-any.whl to c:\program files (x86)\python37-32\lib\site-packages
Adding python_magic 0.4.15 to easy-install.pth file

Installed c:\program files (x86)\python37-32\lib\site-packages\python_magic-0.4.15-py3.7.egg
Searching for python-dateutil
Reading https://pypi.org/simple/python-dateutil/
Downloading https://files.pythonhosted.org/packages/d4/70/d60450c3dd48ef87586924207ae8907090de0b306af2bce5d134d78615cb/p
python_dateutil-2.8.1-py2.py3-none-any.whl#sha256=75bb3f31ea686f1197762692a9ee6a7550b59fc6ca3a1f4b5d7e32fb98e2da2a
Best match: python-dateutil 2.8.1
Processing python_dateutil-2.8.1-py2.py3-none-any.whl
Installing python_dateutil-2.8.1-py2.py3-none-any.whl to c:\program files (x86)\python37-32\lib\site-packages
writing requirements to c:\program files (x86)\python37-32\lib\site-packages\python_dateutil-2.8.1-py3.7.egg\EGG-INFO\re
quires.txt
Adding python-dateutil 2.8.1 to easy-install.pth file

Installed c:\program files (x86)\python37-32\lib\site-packages\python_dateutil-2.8.1-py3.7.egg
Searching for six>=1.5
Reading https://pypi.org/simple/six/
Downloading https://files.pythonhosted.org/packages/65/eb/1f97cb97bfc2390a276969c6fae16075da282f5058082d4cb10c6c5c1dba/s
ix-1.14.0-py2.py3-none-any.whl#sha256=8f3cd2e254d8f793e7f3d6d9df77b92252b52637291d0f0da013c76ea2724b6c
Best match: six 1.14.0
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-123170060\s3cmd-2.0.2\s3cmd-2.0.2>python s3cmd --configure
```

```
Administrator: Command Prompt - python s3cmd --configure

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: S3revanalif
  Secret Key: 123170060
  Default Region: US
  S3 Endpoint: 192.168.64.99:9000
  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] _
```

```
Administrator: Command Prompt

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
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  Path to GPG program: None
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  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-123170060\s3cmd-2.0.2\s3cmd-2.0.2>
```

```
Administrator: Command Prompt

Access Key: S3revanalif
Secret Key: 123170060
Default Region: US
S3 Endpoint: 192.168.64.99:9000
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-123170060\s3cmd-2.0.2\s3cmd-2.0.2>pyhton s3cmd ls
'pyhton' is not recognized as an internal or external command,
operable program or batch file.

D:\VM-123170060\s3cmd-2.0.2\s3cmd-2.0.2>python s3cmd ls
2020-03-13 01:46 s3://bucket-personal
2020-03-13 01:47 s3://bucket-publik

D:\VM-123170060\s3cmd-2.0.2\s3cmd-2.0.2>
```

FreeNAS - 192.168.64.99

Minio Browser

MinIO | S3cmd with MinIO - Co...

Translate - Penelusuran Google

+

https://docs.minio.io/docs/s3cmd-with-minio.html

4. Commands

MINIO

MINIO SERVER

MINIO DEPLOYMENT

MINIO CLIENT

MINIO SDKS

COOKBOOK

S3cmd with MinIO

AWS CLI with MinIO

restic with MinIO

Store MySQL Backups in MinIO

Store MongoDB Backups in MinIO

Store PostgreSQL Backups in MinIO

Setup Caddy proxy with MinIO

Setup Nginx proxy with MinIO

Store Apache Logs into MinIO

Rclone with MinIO Server

Setup Apache HTTP proxy with MinIO Server

Upload files from browser using pre-signed URLs

How to run MinIO in FreeNAS?

How to use AWS SDK for PHP with MinIO Server

To make a bucket

```
s3cmd mb s3://mybucket
Bucket 's3://mybucket' created
```

Copy

To copy an object to bucket

```
s3cmd put myfile s3://testbucket
upload: 'myfile' -> 's3://testbucket/myfile'
```

Copy

To copy an object to local system

```
s3cmd get s3://testbucket/myfile
download: 's3://testbucket/myfile' -> './myfile'
```

Copy

To sync local file/directory to a bucket

```
s3cmd sync /demo s3://testbucket
upload: 'demo/demo.txt' -> 's3://testbucket/demo/demo.txt'
```

Copy

To sync bucket or object with local filesystem

```
s3cmd sync s3://testbucket/otherbucket
download: 's3://testbucket/cat.jpg' -> 'otherbucket/cat.jpg'
```

Copy

To list buckets

```
s3cmd ls s3://
2015-12-09 16:12 s3://testbucket
```

Copy

Talk to the community

FreeNAS - 192.168.64.99 | Minio Browser | MinIO | S3cmd with MinIO | Translate - Penelusuran Google

https://docs.min.io/docs/s3cmd-with-minio.html

MINIO

- MINIO SERVER
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 - Rclone with MinIO Server
 - Setup Apache HTTP proxy with MinIO Server
 - Upload files from browser using pre-signed URLs
 - How to run MinIO in FreeNAS?
 - How to use AWS SDK for PHP with MinIO Server

To sync bucket or object with local filesystem

```
s3cmd sync s3://testbucket otherlocalbucket
download: 's3://testbucket/cat.jpg' -> 'otherlocalbucket/cat.jpg'
```

To list buckets

```
s3cmd ls s3://
2015-12-09 16:12 s3://testbucket
```

To list contents inside bucket

```
s3cmd ls s3://testbucket/
DIR s3://testbucket/test/
2015-12-09 16:05 138904 s3://testbucket/newfile
```

To delete an object from bucket

```
s3cmd del s3://testbucket/newfile
delete: 's3://testbucket/newfile'
```

To delete a bucket

```
s3cmd rb s3://mybucket
Bucket 's3://mybucket' removed
```

NOTE:
The complete usage guide for `s3cmd` is available [here](#).

[Talk to the community](#)

MONITORING DENGAN NETDATA SERVICE

FreeNAS - 192.168.64.99 | Not secure | 192.168.64.99/ui/services

FreeNAS

Services

Filter Service

Name	Running	Start Automatically	Actions
AFP	<input type="checkbox"/>	<input type="checkbox"/>	Edit
Domain Controller	<input type="checkbox"/>	<input type="checkbox"/>	Edit
Dynamic DNS	<input type="checkbox"/>	<input type="checkbox"/>	Edit
FTP	<input type="checkbox"/>	<input type="checkbox"/>	Edit
iSCSI	<input type="checkbox"/>	<input type="checkbox"/>	Edit
LLDP	<input type="checkbox"/>	<input type="checkbox"/>	Edit
netdata	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Launch
NFS	<input type="checkbox"/>	<input type="checkbox"/>	Edit
Rsync	<input type="checkbox"/>	<input type="checkbox"/>	Edit
S.M.A.R.T.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Edit
S3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Edit
SMB	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Edit
SNMP	<input type="checkbox"/>	<input type="checkbox"/>	Edit
17 total			

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